



University of  
South Australia

# UNIVERSITY OF SOUTH AUSTRALIA ANNUAL REPORT 2012



# Letter of transmittal

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The Hon Grace Portolesi MP  
Minister for Employment, Higher Education and Skills  
Level 4, City Central  
11 Waymouth Street  
Adelaide SA 5000

1 June 2013

Dear Minister

In accordance with the requirements of regulations under Part 4, Section 18 – Annual Report of the University of South Australia Act 1990, it gives me great pleasure to submit for your information and presentation to Parliament the University of South Australia Annual Report 2012 and the University of South Australia Financial Statements 2012, for the year ending 31 December 2012.

The University Council approved the Annual Report and the Financial Statements at its meeting on 12 April 2013.

Yours sincerely



**DR IAN GOULD AM**  
Chancellor

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## Companion volume

The University's complete annual financial statements for the year ended 31 December 2012, adopted by the University Council on 12 April 2013 are contained in the University of South Australia Financial Statements 2012, a companion volume to this report.

## Your feedback

We welcome any comments or suggestions on the content or layout of this report. Please contact the Corporate Communications Manager on:

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## Further information

This report and the University of South Australia Financial Statements 2012, as well as past annual reports, are available on our website:

<http://www.unisa.edu.au/about/intro/performance.asp>

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Or write to:

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## Cover photograph

Ramneet Kaur (Master of Business Accounting) and Prue Barkley in front of the Hawke Building at the University's City West campus in the heart of Adelaide's rapidly-developing biomedical and health sciences precinct, with the new South Australian Health and Medical Research Institute taking shape in the background. *Picture: Chris Otto*

ABOUT US

## Who we are

In 2012, the University of South Australia celebrated its 21<sup>st</sup> birthday and, over the course of the year, it continued its proud tradition of significant achievements and notable successes as documented in this report. We continued to enjoy a strong upward trajectory across a number of key criteria that underscored our commitment to excellence in research, teaching and learning, and engagement with the broader community. In addition, we continued to honour the fundamental commitment to equity that has remained a cornerstone of our institution since it was formally established in 1991.

Indeed, the contemporary University of South Australia and the principles enshrined in our Foundation Act reflect the ideals that underpinned our antecedent enterprises – the South Australian Institute of Technology, and three campuses of the South Australian College of Advanced Education. However, the University's history can be traced even further back to institutions that played a fundamental role in shaping the economic, social and cultural landscape of our State. Those entities included the South Australian School of the Arts (founded in 1856), the Adelaide Teachers College (1876), and the South Australian School of Mines and Industries (1889).

The vision and standing that characterised these pioneering institutions have underpinned the



*Former Vice Chancellor Professor Peter Høj (left) and Chancellor Dr Ian Gould AM at the farewell for Professor Høj held in September 2012.*

reputation for quality, innovation and inclusiveness that the University of South Australia has developed over the past 21 years. That reputation is reflected in the breadth and depth of independent assessments, third-party endorsements, industry benchmarks and individual accolades that are outlined in this annual report.

However, we continue to believe that the true indicator of a university is the quality of its graduates. By that measure, the University of South Australia can justifiably assume the title of a world-class education provider. In 2012, the employment rate of our graduates continued to exceed both the South Australian and the Australian average, and our global alumni network of more than 170,000 remains in high demand from employers worldwide.

They form a foundation of the 21<sup>st</sup> Century workforce, and count among their number the engineers, business leaders, teachers, health professionals and entrepreneurs who will help deliver prosperity for our communities, cities and nations. Their ongoing contribution to our way of life stands as the University's defining legacy.

Today, UniSA is a globally-focused, locally-engaged institution that continues to be ranked among the top three per cent of more than 10,000 universities worldwide. With more than 33,000 students hailing from more than 100 countries, and in excess of 2,500 full-time equivalent staff drawn from 75 nations, we are the largest university in South Australia and offer programs designed with strong professional emphasis, and in close consultation with industry.

We pride ourselves on educating individuals to the highest standards, and to creating and disseminating knowledge so that our societies are better able to understand and address the vital challenges of our time.

UniSA is a globally-focused, locally-engaged institution that continues to be ranked among the top three per cent of more than 10,000 universities worldwide.

## 2012 at a glance

TOTAL NUMBER OF STUDENTS:	33,674
TOTAL NUMBER OF INTERNATIONAL STUDENTS <sup>1</sup> :	8,762
ONSHORE INTERNATIONAL STUDENTS:	5,307
OFFSHORE INTERNATIONAL STUDENTS:	3,455
NUMBER OF PARCHMENTS GIVEN	8,605
STAFF POPULATION (FULL-TIME EQUIVALENT) <sup>2</sup> :	2,573
TOTAL UNIVERSITY ALUMNI <sup>3</sup> :	172,638
NUMBER OF CAMPUSES:	5 (City East, City West, Magill, Mawson Lakes and Whyalla)
NUMBER OF RESEARCH INSTITUTES:	6
NUMBER OF RESEARCH CENTRES:	17
NUMBER OF STUDENT EXCHANGE PARTNER INSTITUTIONS:	68
NUMBER OF STUDENTS FUNDED FOR INTERNATIONAL STUDY EXPERIENCE:	452

1. Students who were enrolled in both offshore and onshore programs are only counted once in the total.

2. Does not include casuals.

3. Includes alumni from antecedent institutions.

# Key statistics

	2007	2008	2009	2010	2011	2012	% change 2011–12
<b>Number of students</b>							
<b>Total</b>	<b>34,603</b>	<b>36,156</b>	<b>36,850</b>	<b>36,248</b>	<b>34,899</b>	<b>33,674</b>	<b>-4%</b>
Commencing	13,417	14,076	13,975	13,242	12,390	12,405	0%
<b>Student load (EFTSL)</b>							
<b>Total</b>	<b>23,302</b>	<b>24,423</b>	<b>25,189</b>	<b>25,104</b>	<b>24,459</b>	<b>23,624</b>	<b>-3%</b>
Undergraduate	18,621	19,569	20,458	20,577	20,417	19,626	-4%
Postgraduate	4,681	4,854	4,731	4,527	4,041	3,998	-1%
<b>Student load by funding source (EFTSL)</b>							
Commonwealth Grant Scheme	14,512	14,796	15,051	15,750	16,022	16,212	1%
Commonwealth Research Training Scheme	466	489	510	490	514	552	7%
Domestic fee paying	678	507	443	420	434	454	5%
International onshore	3,505	3,837	4,394	4,569	4,404	4,113	-7%
Transnational	4,135	4,786	4,782	3,859	3,067	2,280	-26%
Other	6	8	9	17	17	13	-24%
<b>Award completions</b>							
<b>Total</b>	<b>8,450</b>	<b>9,070</b>	<b>9,576</b>	<b>9,239</b>	<b>9,134</b>	<b>8,605</b>	<b>-6%</b>
Undergraduate	5,336	5,505	5,995	5,960	6,358	6,019	-5%
Postgraduate	3,114	3,565	3,581	3,279	2,776	2,586	-7%
<b>Staff (FTE)</b>							
<b>Total</b>	<b>2,266</b>	<b>2,396</b>	<b>2,370</b>	<b>2,426</b>	<b>2,575</b>	<b>2,573</b>	<b>0%</b>
Academic	1,010	1,043	1,030	1,032	1,102	1,094	-1%
Professional	1,256	1,353	1,340	1,394	1,473	1,479	0%
Teaching and research	778	804	742	738	735	711	-3%
Research only	253	284	278	280	313	315	1%
Other function	1,235	1,309	1,350	1,407	1,478	1,482	0%
<b>Financials</b>							
<b>Consolidated:</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	
Consolidated operating result (\$M)	24.4	37.2	41.5	70.3	72.2	32.5	
Safety margin	6.1%	8.2%	8.8%	13.6%	13.1%	6.0%	
Net assets (\$M)	603.4	637.7	680.8	785.2	856.3	889.8	
Total assets (\$M)	993.6	1,188.7	1,163.3	1,324.3	1,504.3	1,540.7	
Total revenue (\$M)	399.0	452.0	473.2	518.6	551.3	545.4	

## Notes

Enrolment figures before 2005 are not directly comparable with later years due to the change in scope of the Student Data Collection.

Number of students represents an unduplicated count of students enrolling in any study period during the enrolment year and includes cross institutional students.

Student load represents the sum of load for all study periods in the enrolment year as recorded at each period's census date.

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

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

# Vision, Mission and Values

## Vision

The University of South Australia will be a leading contributor to Australia having the best higher education system in the world, supporting the world's best educated and most innovative, cohesive and sustainable society.

## Mission

UniSA educates professionals and citizens to the highest standards, creates and disseminates knowledge, and engages with our communities to address the major issues of our time.

## Values

### Scholarship

UniSA promotes and sustains open intellectual enquiry characterised by high standards of ethics and integrity. Academic rigour, excellence and relevance underpin our actions in research and its application, in teaching and learning, and in engagement with our communities.

### Engagement

UniSA's teaching and research connect strongly with the issues of our local, national and international stakeholders – students, alumni, staff, partners, professions, government, industry, academic peers and community groups.

### Social justice

UniSA gives effect to reconciliation with Indigenous Australians and builds social cohesion by achieving equitable educational access and outcomes across our diverse student community, through research that aims to improve the quality of life and by acting responsibly as a corporate citizen.

### Sustainability

UniSA contributes to environmentally, economically, socially and culturally sustainable development, and we aim to reduce our own environmental impact.

### Innovation

UniSA anticipates change and acts quickly to seize opportunities and solve problems.

### Openness

UniSA is outward looking, welcoming diversity and the wide range of perspectives it brings, international in outlook, collaborative, creative, agile and enterprising.

The statement of vision, mission and values was adopted by the University Council in April 2008 after wide consultation within the University.

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THE YEAR  
IN REVIEW

01



# Highlights

## AWARDS, RANKINGS AND RECOGNITION

The second national **Excellence in Research for Australia (ERA)** evaluation classified more than 86 per cent of the University of South Australia's assessed research across all academic divisions as world-class standard or above (up from 70 per cent in ERA 2010). An overall performance table compiled and published by national media ranked UniSA 14th in ERA 2012, up from 19th in 2010. (Details page 29)

The **2012 QS World University rankings** again confirmed UniSA's standing among the top three per cent of more than 10,000 universities worldwide. We also ranked number two in the world (and number one in Australia) for the proportion of staff with an international background.

In 2012, QS also released its global rankings of **top 50 institutions aged under 50**, in which UniSA ranked 23rd in the world and third in Australia.

UniSA was one of 12 Australian universities to participate in the inaugural **QS Stars** evaluation, and received an overall rating of five stars as well as five stars in individual ratings for teaching, infrastructure, internationalisation, innovation and access.

For the 10th consecutive year, UniSA was awarded an Equal Opportunity for Women in the Workplace Agency citation as an **Employer of Choice for Women**. We were one of only three enterprises in South Australia to receive the citation in 2012, which was awarded to just 125 employers Australia-wide.



*M<sup>2</sup> Building, Mawson Lakes.*

The University's new **Materials and Minerals (M<sup>2</sup>) Science Building** at Mawson Lakes, formally opened by the Minister for Tertiary Education, Skills, Science and Research in August 2012, won the top honour (the Jack McConnell Award for Public Architecture) for architect John Wardle at the 2012 South Australian Architecture Awards. It was also shortlisted for the Australian Institute of Architects national award for public architecture.

## RESEARCH

Under the highly-competitive national **Cooperative Research Centres** scheme, the University of South Australia was ranked number one for the amount of Commonwealth Government funding received. (Details page 12)

In the October 2012 round of **National Health Medical Research Council grants**, UniSA was the administering organisation for 17 projects worth \$8.6 million. This was more than double the number of projects and the amount awarded to the University in 2011, and ranked UniSA number one within the Australian Technology Network of universities by total value. (Details page 42)

The inaugural **Excellence for Innovation in Australia** Impact Assessment Trial, which evaluated more than 160 research case studies across 12 universities nationwide, found more than 80 per cent of the case studies submitted by UniSA to have considerable, very considerable or outstanding impact in terms of their reach and significance. (Details page 26)

## TEACHING AND LEARNING

The **2012 Australian Graduate Survey** showed significantly more UniSA graduates found full-time employment than the State and national averages. The University's broad overall satisfaction rating of 96.1 per cent also exceeded the national figure.

In the **2012 International Student Barometer**, the percentage of UniSA international students satisfied with their overall learning experience (87 per cent) exceeded the national average.

The **2012 Good Universities Guide** rated UniSA in the top quintile nationally for staff qualifications, and the proportion of our staff with doctorate qualifications remains above the State and national average.

The University's new \$23.7 million **Teaching and Learning Strategic Plan 2012–2015** was released in 2012 following an extensive consultation process initiated in 2011. (Details page 30)

## COMMUNITY

The University announced a \$1 million commitment, matched by the Commonwealth, State Government and Adelaide City Council, to upgrade the **Hindley Street West precinct** as a key element of UniSA's City West campus master plan.

More than 500 cyclists took part in the inaugural **UniSA Ride for Pain** to raise awareness of chronic pain and research being conducted at the University under the leadership of Professor Lorimer Moseley, Professor of Clinical Neurosciences and Chair in Physiotherapy.

The University of South Australia began its sponsorship of the schools' **Head of the River Regatta**, with 13 Adelaide schools taking part in the annual rowing competition.

South Australia's first **Great Koala Count**, a collaboration between UniSA's Barbara Hardy Institute and ABC Local Radio, was held in November 2012 to collect data about the marsupials in order to better determine their range and population distribution.

*Design drawing of new Learning Centre at City West campus, where work commenced in 2012 with completion scheduled for late 2013. Image courtesy of John Wardle Architects and Phillips Pilkington Architects in association.*

## Chancellor's Report



*Dr Ian Gould AM, Chancellor.*

**As is often the case with the celebration of such a milestone, the University of South Australia's 21<sup>st</sup> birthday in 2012 afforded an opportunity to reflect on some stellar achievements to date and to fix our sights on some landmark changes that lie ahead.**

Certainly, we can sum up 2012 as both a year of continued strong progress as well as one of significant transition. In keeping with the impressive path we have been travelling in recent years, our trajectory remains solidly upward as confirmed by a diverse array of indicators that span the gamut of the institution's operations.

For example, the endorsement of the University's research capabilities in the 2012 Excellence in Research for Australia evaluation highlights the quality and the breadth of the work being undertaken here. The accolades earned by our new Materials and Minerals (M<sup>2</sup>) Science Building (formally opened during 2012) for its innovative design and its state-of-the-art features underscore the importance we place on form and functionality when investing in infrastructure. And the ongoing improvement we see in a number of national and global student surveys stands as testament to the considerable efforts being made to ensure our students enjoy the best possible university experience.

We are committed to, and very confident of, maintaining a growth trajectory that tracks unerringly upward.

However, we now enter a new phase. Having recorded a rapid rise through a variety of indicators and rankings for much of the past decade, the University accepts it faces a tough challenge to maintain that pace from here on. By the very nature of league tables and ratings ladders, the competition becomes tougher the higher you climb.

Not only because you are pitting yourself against the top echelon, but because the mechanisms of differentiation at your disposal invariably become more tightly squeezed.

What is crucial to note is that the University of South Australia has made a conscious decision not to rest on the laurels of its recent achievements. We are not content to simply consolidate the substantial gains we have made and be satisfied with our place in the pack. We are committed to, and very confident of, maintaining a growth trajectory that tracks unerringly upward. Even though the external environment is becoming increasingly challenging and the higher education landscape inevitably faces further changes, we are determined to carry on our positive trend.

Among the rationale underpinning that confidence is the fact that the centre of learning within our city is also changing. The imminent completion of the South Australian Health and Medical Research Institute and the construction of the new Royal Adelaide Hospital – both located in the resurgent west end of Adelaide – will see UniSA's City West campus strategically placed at the hub of Adelaide's biomedical and health sciences precinct. This will result in a huge influx of intellectual and human capital, and the investment that the University is undertaking at City West is purpose designed to maximise the many benefits that will undoubtedly flow.

In addition to ensuring our students receive the best possible education and complete their studies with the skills, confidence and global perspective needed to realise their professional and personal ambitions, we are also determined to further improve the UniSA student experience so they gain the utmost from the time they spend with us.

As we eye the opportunities that await, it is also timely to recognise the contribution of some of those who

departed the University during 2012. In particular, I want to acknowledge the time, professionalism and invaluable 10 years of service from Mr Bill Cossey AM who retired from the University Council at the end of the year. His contribution to our University has been greatly appreciated, as were the efforts of other Council members who resigned from or completed their Council terms during 2012 – Ms Bronwen Webb (after four years of service), Ms Tanya Hosch, Mr John Sy and Professor Drew Dawson.

I would also like to record my gratitude to our former Vice Chancellor and President, Professor Peter Høj, whose five-year term with UniSA ended in September 2012 when he left to take up a position at the University of Queensland. Under Professor Høj's leadership, our University made significant and sustained progress. It reflects well upon our University that the ability and diversity of our staff is recognised by other institutions, and that they continue to play an influential role in the evolution of Australia's higher education sector. Among other senior staff to have accepted new challenges during 2012 were Professor Joanne Wright (former Deputy Vice Chancellor and Vice President: Academic who so capably

held the role of Acting Vice Chancellor following Professor Høj's departure) and Professor Andrew Parfitt (former Pro Vice Chancellor: IT, Engineering and the Environment). I thank them both for their important contribution to our University and wish all of them the best for the future.

Indeed, the University of South Australia has been extremely fortunate over the past decade to have attracted and nurtured leaders of vision and substance with strong personal and professional values, as well as a core commitment to our institution's dual foundation principles of excellence and equity.

We were therefore delighted, in August 2012, to appoint Professor David Lloyd (from Trinity College Dublin) as the University of South Australia's new Vice Chancellor and President. Professor Lloyd, who took up his appointment in January 2013, is a dynamic and innovative professional whose career trajectory mirrors the strong growth trend of our University. In addition to his prior achievements as a teaching academic, researcher and university leader, he has also gained significant experience in the private sector where he worked as a research scientist with a biotechnology company based in Cambridge, UK.



We look forward to the ideas and the energy that Professor Lloyd will bring to his leadership role.

What will not change, however, is the University's unwavering adherence to its vision and ideals – to educate graduates to the highest standards, to engage in world-class research that delivers practical outcomes to real-world problems and to maintain a meaningful, two-way relationship with our communities.

The University of South Australia is well placed to meet the invariable challenges, and to make the most of the exciting opportunities that await us in the years ahead.

**DR IAN GOULD AM**  
Chancellor



## Vice Chancellor's report



*Professor David Lloyd, Vice Chancellor and President.*

**It is a great honour to have been selected as the University of South Australia's Vice Chancellor and President during 2012, and to present this first of what I hope will be many contributions to our annual reports.**

The question I have been asked most often since I arrived in Adelaide from Ireland with my family shortly after Christmas 2012, and since formally beginning my role in January 2013 is 'what attracted you to UniSA?'. The short answer is undoubtedly this institution's potential. In my view, UniSA positively bubbles with enthusiasm and possibility, and I see my job as essentially to harness that potential and convert it to tangible and measureable achievement, success and excellence.

I come to the University of South Australia quite literally from a different hemisphere – from a very old institution (Trinity College Dublin) to a comparatively new one. But what excites me about this University is that, while young, it undoubtedly punches well above its weight. We saw that during 2012 with its ranking among the QS world's top 50 universities aged under 50, through its performance in the second round of the Excellence in Research for Australia assessments (detailed on page 29) and as demonstrated by its top five ranking among all Australian institutions in the International Student Barometer.

There is also no more significant indicator of UniSA's potential than the quality of its people. The diversity of our staff is highlighted by the fact that they hail from 75 nations worldwide, and in order to build on the University's existing strengths it has attracted world-class personnel from leading global institutions including the universities of Oxford and Cambridge, the University of London, UC Berkeley and the Max Planck Institute for Colloids and Interfaces. Our student cohort hails from more than 100 countries, and of our 1,264 Higher Degree by Research

students in 2012, 35 per cent (437) were international students.

I also see a number of similarities with the University of South Australia's values and aspirations and those of the institutions at which I studied and worked in Ireland. Dublin City University, where I completed my undergraduate and postgraduate studies was, like UniSA, very much known as an institution that students attended in order to secure a job in their chosen profession.

While I was Vice President for Research at Trinity, the university attained its highest international rankings and positioned itself as a truly research-intensive institution by doubling its research income and outputs. I note that UniSA has successfully doubled its research income over the past five years. We also re-aligned Trinity's innovation practices and education content to be wholly business aware, so as to successfully position the university at the very heart of a national innovation economic strategy. That is an ambition that we now hope to realise at UniSA.

There is no doubt that the University of South Australia is a young and vibrant, research productive institution that is founded on the highest educational principles, and remains on a solid trajectory for excellence. Indeed, it was this very trajectory and the evident great potential of UniSA that first attracted me to the role of Vice Chancellor.

For the past decade, it has been doing everything expected of a growing university. It hires and upskills high-quality staff, it has increased its focus on student experience, it is investing prudently in physical and virtual infrastructure, it is ramping up its research activity, it is socially responsible and it is strongly committed to inclusion and equity.

However, I also believe it is now time for UniSA to fully realise more of its latent potential. In my previous roles, I have spent a lot of time looking at



university strategies and strategic plans from around the world – gleaning some measure of competitive advantage, or trying to figure out just what makes great universities great.

There is no secret ingredient. Greatness is built on a foundation of excellent and inspiring staff, on dedication to the highest standards in education and to the frontiers of creativity and curiosity in research. It is built on partnerships and meaningful engagement, and it is built on plain hard work.

I see all of these elements in UniSA, and they are detailed in its strategic blueprint Horizon 2020. Indeed, the University's current prosperity and growth trajectory stand as enduring testament to my predecessors, Professors Denise Bradley and Peter Høj, with whom I closely share a personal philosophy.

Reflecting on the impact of education and the role of universities in society, Denise once said that 'education is the greatest opportunity to shift the balance

of the hand you are dealt when you are born'. In Peter's words, 'education is a tool to open up your eyes to a broader world'. I recognise the impact and the foundations that my predecessors have left in their wake, and feel it is my duty as Vice Chancellor to ensure their legacy is amplified through our further achievement.

I, like so many others who are now grasping the opportunities made available by the deregulation of university places, would be classified as a 'non-traditional entrant' to the higher education system. I am the first in my family to enter university, and I am a graduate of a young institution that is not unlike UniSA in its foundation mission and values. I firmly and passionately believe that education is empowering. It is transformational, not only for the individual concerned but for society as a whole.

My vision is that, in five years' time, we will be able to say that the University of South Australia leads the way in

realising potential – the potential that is inherent in our students, in our research and in our ability to catalyse social and economic growth and development.

International excellence of relevance in distinct areas of teaching and research will be our hallmark, our student learning experience will be inclusive, and our research will be informed as well as at the leading edge of technological enablement.

Through the application of innovation in all facets of our operations, we will imbue all of our graduates with a lifelong love of learning, and the knowledge, skills and confidence they need to successfully apply that learning in 21<sup>st</sup> Century Australia and beyond.

Our University will also be synonymous with innovation in education.

As Vice Chancellor, I will continue to listen and to learn as I lead, in order to implement a pragmatic pathway to the ambitions laid out in Horizon 2020. But we must also bear in mind that

it is all too easy to be seduced by metrics and indicators, and to therefore wrongly believe that their achievement is the same as truly delivering on our goals and ambition.

We will continue to cultivate excellence, particularly by building on our pathways to participation through UniSA College, scholarships and endowments in order to provide ongoing access for the best and the brightest regardless of their cultural and socio-economic background.

In addition, we will build the focus on enterprise in education and our operations, particularly in relation to the engagement of employers in our curricular development and in them providing challenges, internships and placements.

Our strategic relationships here in Adelaide, throughout Australia and abroad will aim to ensure we contribute fundamentally to our city, communities and wider society with an emphasis on providing a tangible return for the community's investment.

Our research will be built on the dual pillars of relevance and consequence, and this will be achieved by integrating interdisciplinary research themes across the University's schools,



centres and institutes in order to underpin a research-informed curriculum for our undergraduates.

And while we ensure the gift for lifelong learning remains an essential part of our teaching framework, it is our people – students and staff – who will continue to remain at the heart of everything that we do.

Of course, many of these ambitions are already embedded in Horizon 2020, but we will also grant ourselves the freedom to pursue other avenues, with a number of these being directly driven by me as Vice Chancellor.

Among the areas on which I am particularly keen to focus are the establishment of a dedicated students' venture capital fund to assist our budding entrepreneurs, to provide further leadership support to enhance our student experience, and to expand our global reach by attracting high-profile international academics to our campuses for extended research and teaching sabbaticals.

These and other key initiatives will invariably become clearer over time. But we must also identify and remain cognisant of the significant challenges that lie ahead in a higher education sector that is still coming to grips with the first year of the demand-driven system, the ongoing fall-out from the global financial crisis and the continued issues caused by the high value of the Australian dollar.

Despite these, and the potential for a significant shift in the policy landscape, I believe the coming year can be best described as one of ambition and transition. The path upon which our University is embarking will see us further realising our ambition of turning

My vision is that, in five years' time, we will be able to say that the University of South Australia leads the way in realising potential.

aspiration into reality, and maintaining the important process of transition from development to delivery.

I am sure that every newly-appointed Vice Chancellor emerges, blinking, into the glaring light of their new role, brimming with enthusiasm and filled with optimism.

However, I don't see this report as simply a message of hope. Rather, it is a statement of intent.

My ambition in taking up this position with the University of South Australia is to deliver the best possible results for our students – to provide them with a springboard to their future that will, in turn, maximise their contribution to a vibrant and successful society.

**PROFESSOR DAVID LLOYD**  
Vice Chancellor and President

## UniSA in the community

The University's **Football United** program, delivered through the Division of Health Sciences, was awarded a City of Playford OPAL (Obesity and Lifestyle Program) Award and was also recognised in the **2012 Chancellor's Awards for Community Engagement** following its successful launch during the year.

Established as a non-profit organisation, Football United uses free, organised football programs to bring together people at risk of exclusion to help foster community cohesion and social inclusion. The initiative, led by **Dr Edoardo Rosso**, a Research Fellow within the Division, reflects the University's commitment to engaging with students from disadvantaged and low socio-economic backgrounds, and to developing innovative entry pathways to study. Football United practically demonstrates how sport can be used to bring communities together in a socially and culturally inclusive and respectful manner. The program also teamed up with the Division of Health Science's **Indigenous Support Unit** to support the inaugural Football Federation South Australia State Indigenous Football Festival.

South Australia's first **Great Koala Count** took place on November 28 2012, with people across the State monitoring and recording their experiences and sightings of koalas on that day. The citizen science project, which is a joint collaboration involving UniSA's **Barbara Hardy Institute** and ABC Local Radio, enabled data to be collected about the much-loved marsupials, to determine their range and population distribution throughout South Australia's urban and regional areas. More than 1,100 people took part in the count, which received in excess of 1,300 submissions with around 950 photographs of koalas submitted.

AFL footballer **Bachar Houli** (Richmond Football Club) was recognised for his community leadership with the inaugural **Award for Muslim and**



*Ride for Pain.*

### non-Muslim Understanding.

The award was jointly established by the University of South Australia's **Centre for Muslim and non-Muslim Understanding** and the Australia Day Council to recognise Australians who contribute to social harmony and community cohesion.

Mr Houli has become a leading influence for many young Australian Muslims, and has established the Bachar Houli Academy designed to develop young footballers' skills, provide insights into AFL clubs and help to create greater religious and cultural understanding.

The inaugural UniSA 'Ride for Pain' was staged in April 2012, with more than 500 cyclists taking part along two alternative routes stretching up to 100 kilometres. The initiative was designed to raise awareness of chronic pain and of research being conducted at the University under the leadership of **Professor Lorimer Moseley** (School of Health Sciences), and coincided with the 2012 'Neurodynamics and the Neuromatrix' conference held in Adelaide.

Two of the University's international students were honoured at the

### Governor's International Student Awards

that were presented by the Governor of South Australia, His Excellency Rear Admiral Kevin Scarce AC CSC RANR, during 2012. The Volunteer/Community Participation Award was won by **Bruce Smith**, a Canadian business degree student undertaking an international exchange year, while Malaysian student **Sim Jia Kent** (Communications and Media Management) received the Arts Achievement Award.



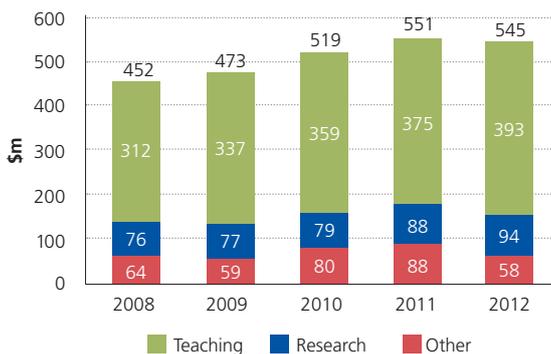
*Football United.*

# Financial overview

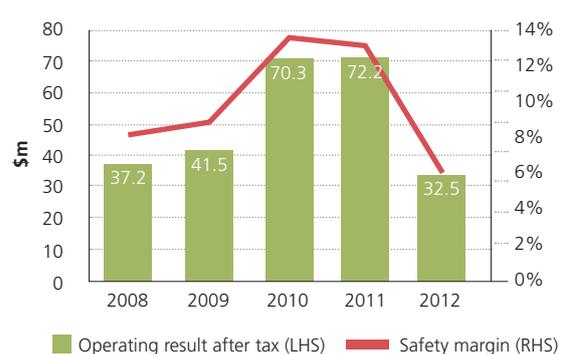
	CONSOLIDATED		UNIVERSITY	
	2012	2011	2012	2011
	\$m	\$m	\$m	\$m
<b>Summary Statement of Comprehensive Income</b>				
Operating Income	545.4	551.3	544.9	550.1
Employee Related Expenses	318.3	304.0	317.1	302.7
Non-salary Expenses	194.6	175.1	195.5	174.3
Operating Expenses (incl. Income Tax)	512.9	479.1	512.6	477.0
Operating Result after Income Tax	32.5	72.2	32.3	73.1
Safety Margin <sup>1</sup>	6.0%	13.1%	5.9%	13.3%
<b>Summary Statement of Financial Position</b>				
Current Assets	361.0	338.2	354.6	332.5
Non-current Assets	1,179.7	1,166.1	1,183.9	1,170.3
<b>Total Assets</b>	<b>1,540.7</b>	<b>1,504.3</b>	<b>1,538.4</b>	<b>1,502.8</b>
Current Liabilities	165.7	165.7	164.9	165.3
Non-current Liabilities	485.3	482.3	482.3	482.3
<b>Total Liabilities</b>	<b>650.9</b>	<b>648.0</b>	<b>650.1</b>	<b>647.7</b>
<b>Net Assets</b>	<b>889.8</b>	<b>856.3</b>	<b>888.3</b>	<b>855.1</b>
<b>Summary Statement of Cash Flows</b>				
Net Cash Flows from Operating Activities	80.7	131.8	80.4	145.9
Net Cash Flows from Investing Activities	(48.3)	(84.4)	(48.3)	(87.9)

<sup>1</sup>Safety margin equals operating result after income tax divided by operating income.

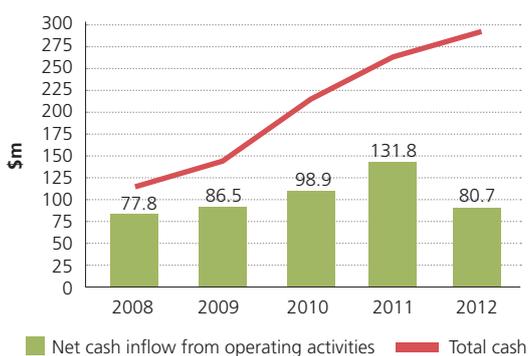
### CONSOLIDATED TOTAL INCOME



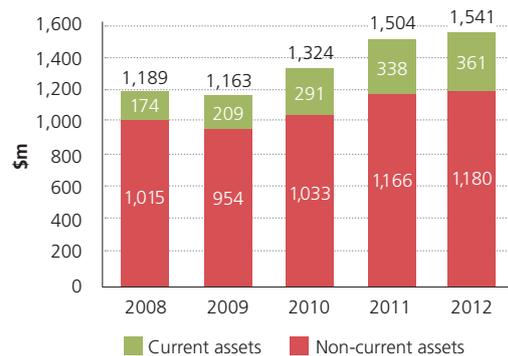
### OPERATING RESULTS AND SAFETY MARGIN



### OPERATING CASH FLOW AND TOTAL CASH



### TOTAL ASSETS



## Financial summary

In 2012 UniSA delivered another solid financial result, with a consolidated surplus of \$32.5 million, compared with \$72.2 million in 2011, which equates to 6.0 per cent of operating income (13.1 per cent in 2011). The operating result was assisted by \$15.2 million of capital grants compared to \$47.2 million in 2011. The movement in capital grants explains the majority of the difference in operating result between 2011 and 2012.

Consolidated operating income was \$545.4 million, with growth in both teaching and research income. Consolidated expenses grew by \$33.8 million (7.1 per cent) with salaries and related expenses growth of \$14.3 million (4.7 per cent) contributing to the increase.

The consolidated financial position remains sound, with cash and cash equivalents totalling \$294.0 million at 31 December 2012 (\$261.6 million in 2011). Consolidated net assets increased by \$33.5 million, largely as a result of an increased cash balance and capital expenditure on property, plant and equipment of \$48.3 million.

The South Australian Auditor-General has qualified the financial report on the grounds that the University treats Commonwealth and State government grants received in advance and contract research with specified conditions as 'income in advance' at 31 December 2012 and recognises it as a liability on the Statement of Financial Position. The University believes that recognising the grant income in the year that the grant obligations are satisfied presents a true and fair view of our financial position at 31 December 2012, and the result of our operations and cash flows for the year. In the Auditor-General's opinion, the grants should be treated as income in the actual year of receipt. Our treatment is conservative and resulted in the deferral during 2012 of \$43.0 million in unspent funds, a \$1.9 million decrease from the \$44.9 million deferred in 2011.

See financial statements, pages 59–62.

### INFRASTRUCTURE

During 2012, the University continued to improve and develop teaching, learning and research infrastructure across all campuses.

#### City West Learning Centre

Construction of the \$85 million Learning Centre at City West campus is progressing on track for completion at the end of 2013. The building is designed to enhance student learning experiences and services, supported through a technology-rich environment and flexible learning spaces.

#### Hindley Street Redevelopment

In May 2012, the South Australian Government announced a \$4 million redevelopment project for Hindley Street in Adelaide's west end. The redevelopment will be jointly funded by the Federal Government, the Adelaide City Council, the South Australian Government and UniSA. The project aims to complement an activated laneways and streets culture, creating a shared zone across Hindley Street that slows vehicle traffic and provides safer pedestrian movements, to coincide with the opening of the new Learning Centre in 2014.

#### George Street Closure

In November 2012, the Adelaide City Council announced the permanent closure of George Street at City West, to allow for greater student circulation and activation of new and existing public spaces. George Street will become a popular link between North Terrace and Hindley Street and will be identifiable by its distinctively 'green' character. The project aligns with South Australia's Strategic Plan, with a focus on shared streets, laneway activation, sustainable urban design and the capture and reuse of stormwater.

#### Materials and Minerals Science Building (M<sup>2</sup>)

The \$50 million Materials and Minerals Science (M<sup>2</sup>) building at Mawson Lakes was officially opened on 6 August 2012.

The landmark building was awarded the Jack McConnell Award for Public Architecture 2012 (Australian Institute of Architects South Australian Chapter) along with the 2012 South Australian Professional Excellence Award and 2012 National Professional Excellence High Commendation, both from the Australian Institute of Building. In February 2013, M<sup>2</sup> was also awarded a 5 Star Green Star design certified rating, representing Australian Excellence in environmentally sustainable design.

#### Education Investment Fund – 'Regional Connections'

In November 2012 UniSA secured \$18 million in the Regional Round of the Federal Government's Education Investment Fund to contribute to the development of a \$12.5 million learning facility at Mt Gambier and install \$7.5 million fibre optic cables to connect both Whyalla and Mount Gambier to the existing Australian Research Education Network. 'Regional Connections' is set to deliver innovative higher education opportunities to regional South Australia and improve the student learning experience for regional and rural students in the State.

#### Sustainability

In 2009, the ATN universities (including UniSA) announced a commitment to reduce Scope 1 and 2 carbon emissions collectively by 10 per cent (of 2007 levels) by 2012–13, and 25 per cent by 2020–21. Given UniSA's already strong achievements in reduction, a specific target of six per cent by 2012–13, and 15 per cent by 2020–21 was established. During 2011–12, the University emitted 24,349 tonnes CO<sub>2</sub>-e (Scope 1 and 2), a decrease of 2.9 per cent against the 2007 baseline year emissions. However, our gross floor area increased by approximately 1.9 per cent over the same period.

During 2012, UniSA continued to progress a series of projects designed to ensure achievement of its interim 2012–13 reduction target.

# Cooperative Research Centres

The Cooperative Research Centres (CRC) program is an initiative that was established in 1991 and is administered by the Australian Government's Department of Industry, Innovation, Science, Research and Tertiary Education.

Its aim is to support end user-driven research collaborations that address some of the nation's most important economic, environmental and social challenges. The solutions these research programs pursue are characterised by their innovation, their high impact and the effectiveness with which they are deployed by the end users.

The CRC program links publicly funded researchers with industry and the community to help ensure that the research being undertaken is focused towards practical use and commercial application, and among its distinguishing features is the close relationship it engenders between researchers and the end users of their work. It also benefits from a significant industry contribution to CRC education programs that enables it to produce highly skilled, industry-ready graduates.

Over the past 21 years, the Federal Government has provided more than \$3.4 billion in funding to almost 200 CRCs, with participants delivering almost \$11 billion in cash and in-kind contributions. In 2012, there was around 40 CRCs in operation throughout the nation and the University of South Australia remains an essential participant in 10 and a supporting participant in two others. Results released in December 2012 also showed that UniSA was number one among Australian institutions for government funding received through the CRC program. The University's positioning within the program is likely to receive further endorsement with the announcement of its role as leader of a new \$59 million CRC for Cell Therapy Manufacturing.

The 12 CRCs in which the University of South Australia was a participant in 2012 were:

## AUTOMOTIVE AUSTRALIA 2020 CRC

The Automotive Australia 2020 CRC (previously the Auto CRC) leads and coordinates the development of advanced technologies and the business improvement assistance for the nation's automotive sector. Among its key research outcomes to date is the design and manufacture of the world's first lightweight plastic mirror, which was jointly developed by UniSA's **Mawson Institute** and **Ian Wark Research Institute**. In 2011, the program was renamed and awarded \$26 million in new funding to focus on three leading areas of automotive research – vehicle electrification, gaseous fuels and sustainable manufacturing.



*Plastic mirrors.*

## BUSHFIRE CRC

The Bushfire CRC (expanded and renamed the Bushfire and Natural Hazards CRC in 2013) conducts research into the social, environmental and economic impacts of bushfires on the broad Australian community, including examination of the communication of risk and threat and the management of extreme fire events. Among the CRC's leading researchers is Professor Michael Taylor from UniSA's **Barbara Hardy Institute**.

## CAPITAL MARKETS CRC

The Capital Markets Cooperative Research Centre (CMCRC) was formed in 2001 to bring together the best in innovative research and technology to the capital markets domain. It develops new technologies to enhance capital market integrity, security and efficiency and is recognised (particularly among media outlets) as a world-leading authority on capital market research.

## CONTAMINATION ASSESSMENT AND REMEDIATION OF THE ENVIRONMENT (CARE) CRC

UniSA is host of the \$180 million CRC CARE, which is the first science-based partnership of its kind that examines the assessment, prevention and remediation of soil, water and air contamination. Led by the University's **Professor Ravi Naidu**, the Centre is developing risk-based approaches to remediation of contaminated sites that are designed to improve regulatory acceptance of economic solutions to environmental contamination.

### CRC FOR INFRASTRUCTURE AND ENGINEERING ASSET MANAGEMENT (CIEAM)

CIEAM is a leading international centre focused on innovative, industry-directed research and committed to development, education, and commercialisation within an integrated approach to physical asset life-cycle management. Through their involvement, UniSA researchers are addressing the major challenge of improving the efficiency and sustainability of infrastructure and engineering asset management. Their research has led to the development of **AMIS**, a unique tool that has been implemented to provide easy access to data without the need for specialist knowledge of underlying IT systems.

### HIGH INTEGRITY PORK CRC

Leading UniSA researchers are helping to investigate the Australian pork industry's vital need to maintain local production of high quality food for a reasonable price and return on production capital invested, without negatively impacting livestock welfare, the environment or consumer wellbeing.

### LOW CARBON LIVING CRC

The Low Carbon Living CRC (launched by then Minister for Science and Research, Senator Chris Evans, in December 2012) brings together key property, planning, engineering and policy organisations with leading Australian researchers to develop new social, technological and policy tools for reducing greenhouse gas emissions in the built environment. Its aim is to help unlock barriers to cost-effective carbon reduction opportunities, empower communities and further the widespread adoption of integrated renewable energy.



*Building V – Mawson Lakes.*

### CRC FOR RAIL INNOVATION

Researchers across UniSA's **Schools of Maths and Statistics, Natural and Built Environments, and Psychology, Social Work and Social Policy** are working with the Rail Innovation CRC to address the industry's social, environmental and economic responsibilities by improving performance and reducing costs. They are also examining ways of better integrating human factors of safety management systems into operational, engineering and management practices.

### REMOTE ECONOMIC PARTICIPATION CRC

The Centre is focused on delivering solutions to the economic challenges that affect remote Australia and, through that research, providing practical responses to the complex issues that can restrict full economic participation for these communities. Among the UniSA researchers involved are **Dr Sam Osborne** and **Dr Lisa Stefanoff** who are working to deliver tangible outcomes to address social and economic disadvantage, and deliver policy advice on issues such as non-exploitative development and business opportunities for Indigenous art and culture.

### WOUND MANAGEMENT INNOVATION CRC

The Centre's ambition is to become a leading organisation for integrated and collaborative research into innovative wound care tools, systems and technologies. UniSA researchers involved with the Centre are working to provide enhanced quality of life for people with serious wounds, as well as cost-effective wound care that lessens the multi-billion-dollar burden that caring for acute and chronic wounds imposes on Australia's healthcare system.

### YOUNG AND WELL CRC

The Young and Well CRC explores the role of technology in young people's lives, and how technology can be used to improve the mental health and wellbeing of young people aged 12–25. **Dr Barbara Spears** from UniSA's **School of Education** is investigating online social marketing techniques to maximise the reach and impact of social media campaigns for cyber safety.

### AUSTRALIAN SEAFOOD CRC

The Australian Seafood CRC assists the seafood industry to profitably deliver safe, high quality, nutritious products to premium markets, both domestically and internationally.

# UniSA College

UniSA College provides a range of educational opportunities to inspire and assist further study and educational attainment. **Academic programs**, including a range of diplomas and a Foundation Studies program, provide a pathway to university and assist students to build the skills and knowledge required to succeed in their chosen degree.

In addition, the **UniSA Connect** program engages directly with schools and the community to help inspire aspirations for tertiary study, particularly in the areas of science, technology, engineering and mathematics.

## ACADEMIC PROGRAMS

The UniSA College academic programs enable students to achieve their potential in a highly supportive environment, with dedicated teachers and innovative teaching practices. Students learn how to study at university, where to access support services, and learn key skills and knowledge that is beneficial for their future degree.

In 2012, the second year of the UniSA College's operations, the growth of its student numbers continued with even more students taking up pathway opportunities to study at university level.

For the first time, students were able to guarantee their entry into a university degree by undertaking a new Diploma of Arts or Diploma of Science and Technology. This highly supportive model allows students to gain access to continual support from UniSA College in the first year of their degree, thereby ensuring a smooth transition



to degree-level study. Upon successful completion of a diploma, students are able to seamlessly continue into the second year of their degree at the University of South Australia.

In total, 84 students were able to take up this new diploma offering, in addition to the 674 students who undertook the existing Foundation Studies program. Overall, UniSA College enrolments were up by 44 per cent from 2011, which provided access to university for 233 more students than the previous year.

It was also reported that 85 per cent of the students who completed Foundation Studies in 2012 would continue on to further study at the University of South Australia.

## UNISA CONNECT PROGRAMS

UniSA Connect workshops are specifically designed to appeal to those who are considering further study by engaging and inspiring secondary school students, teachers and the broader community. Secondary school workshops connect with the South Australian Certificate of Education (SACE) curriculum in areas such as science, technology, engineering and mathematics. Students are also able to take part in a Career Awareness Program which links to the Year 10 Personal Learning Plan subject.

In 2012, the program connected with 156 schools, 452 teachers and 3,063 students from South Australia through a range of student workshops and teacher professional learning seminars.

UniSA Connect also offers professional learning workshops for teachers and the workshops offered in 2012 focussed on new technologies, such as the use

of 3D printers, sensor technology using data acquisition software, mechatronics and problem-based learning.

Many of the UniSA Connect workshops are taught on-campus at the purpose-built UniSA College Maths and Science Centre. This state-of-the-art venue utilises 21<sup>st</sup> century technologies, such as 3D printers, to facilitate workshops focussing on groundbreaking research. In 2012 the Centre was awarded a commendation by the Council for Educational Facility Planners International Australasia Region Facilities Awards.

## COMMUNITY ENGAGEMENT

UniSA College partners with community groups to contribute to the Aboriginal Power Cup, an early intervention strategy that engages young Aboriginal people in a leadership development program. The Aboriginal Power Cup is SACE Board-accredited and encourages students to continue their education and make positive life choices. The program is an initiative of the Attorney General's Department in partnership with Port Adelaide Football Club.

Collaboration with community centre staff allows UniSA College to develop working relationships to encourage clients to re-engage with education through the UniSA College pathway programs. UniSA College also offers a Career Awareness Program which enables community members and school students to profile their skills and abilities, and to explore pathways to potential careers.

## CELEBRATION OF STUDENT SUCCESS

The success of UniSA College was celebrated at a first anniversary luncheon attended by the Governor of South Australia, His Excellency Rear Admiral Kevin Scarce AC CSC RANR, on 21 February 2012. The luncheon was also attended by a number of guests from federal and state parliaments, and who were moved and inspired upon hearing the stories of a number of UniSA College alumni.



OUR  
PEOPLE  
15

## Staff achievements

### STAFF AWARDS AND MILESTONES

**Professor Nico Voelcker** (Professor of Chemistry and Materials Science, Mawson Institute) was awarded a prestigious Humboldt Research Fellowship to carry out a long-term research project in nanomaterials. He was also appointed as a research ambassador for the German Academic Exchange Service, DAAD, during 2012.



**Dr Stephanie Reuter Lange** (Research Fellow, School of Pharmacy and Medical Sciences) was named a 2012 Fulbright Scholar, to travel to State

University of New York for workshops and undertake research relating to her work improving treatment of malaria and carnitine deficiency.

**Ms Elizabeth Ho OAM** (Director, Bob Hawke Prime Ministerial Centre) was named one of the '40 People of Australia Ambassadors' announced by Prime Minister, Hon Julia Gillard MP, to promote the benefits of, and to help celebrate, multicultural Australia. She was also recognised in the 2012 Australia Day Honours for her service to education through the Hawke Centre.

**Professor Ravi Naidu** (Director, Centre for Contamination Assessment and Remediation) was awarded the 2012 International Soil Science Award at Soil Science of America Awards in Cincinnati, Ohio.

**Dr Lewis O'Brien** (Adjunct Research Fellow, David Unaipon College of Indigenous Education and Research) was named South Australia's National Aborigines and Islanders Day Observance Committee (NAIDOC) Elder of the Year.

**Professor Lorimer Moseley** (Professor of Clinical Neurosciences and Chair in Physiotherapy, School of Health Sciences) received the Marshall and Warren Award through the National Health and Medical Research Council (NHMRC), which recognises the best highly innovative and potentially

transformative grant from among all funding applications in the 2012 round.

**Associate Professor Bruce Gurd** (Associate Director, Australian Centre for Asian Business) was elected president of the Australian and New Zealand Academy of Management (ANZAM) for 2012–13, the first South Australian to hold the position since ANZAM became a research and education body in 1991.

**Professor Pal Ahluwalia** (Pro Vice Chancellor, Division of Education, Arts and Social Sciences) was made an honorary life member of the African Studies Association of Australasia and the Pacific.

**Professor Wasim Saman** (Professor of Sustainable Energy Engineering, School of Engineering) received the Pioneer Award from the World Renewable Energy Network at its world forum in Denver, Colorado.

**Dr Jenni Ilomaki** (Postdoctoral Research Fellow, Quality Use of Medicines and Pharmacy Research Centre) was named Young Epidemiologist of the Year by the Finnish Epidemiological Society.

**Australia Day Honours** – A number of UniSA alumni, students and past and present staff were recognised in the 2012 Australia Day Honours. In addition to **Adjunct Professor Robyn Layton AO QC** (School of Law) whose AO and honour in being named South Australia's Australian of the Year was documented in the University's 2011 annual report, they included:

- **Emeritus Professor Alan Reid** (School of Education) who received an AM for service to education as an academic and researcher, particularly through contributions to the development of state and national curriculum policy, and to professional associations
- **Adjunct Professor Rhonda Sharp** (Hawke Research Institute) who received an AM for service to education as an academic and

researcher, to the study of economics, and to women

- **Adjunct Associate Professor Patricia Trott** (School of Health Sciences) who received an AM for service to physiotherapy through administrative and academic roles, and through a range of professional associations at the state and national level

In addition, **Emeritus Professor Mary Barton** (School of Pharmacy and Medical Sciences), who has been a University staff member for more than 15 years, was awarded an AO in the 2012 Queen's Birthday Honours. She was recognised for distinguished service to veterinary science and public health as a researcher and diagnostic microbiologist, and to education through academic and administrative roles at UniSA.

Three UniSA staff members won 2012 South Australian Science Excellence Awards:

- **Dr Stephanie Reuter Lange** (School of Pharmacy and Medical Sciences) – PhD Research Excellence Award (Health and Medical Sciences)
- **Dr Christopher Raymond** (Centre for Regional Engagement) – PhD Research Excellence Award (Life and Environmental Sciences)
- **Dr Drew Evans** (Mawson Institute) – People's Choice Award

Three UniSA researchers also won South Australian Young Tall Poppies awards:

- **Dr Grant Tomkinson** (School of Health Sciences)
- **Dr Hannah Keage** (School of Psychology, Social Work and Social Policy)
- **Dr Russell Brinkworth** (School of Engineering)

## STAFF EXTERNAL APPOINTMENTS

**Professor Nicholas Procter** (Chair, Mental Health Nursing – School of Nursing and Midwifery) was appointed by the then Minister for Immigration and Citizenship, Senator Chris Bowen, to the newly-established Minister's Council on Asylum Seekers and Detention. He was also appointed to the newly established South Australian Suicide Prevention Advisory Committee.



**Professor Peter Buckskin** (Dean, Indigenous Scholarship, Engagement and Research) was appointed to the

Federal Minister for School Education, Early Childhood and Youth's First Peoples Education Advisory Group, which provides policy advice to the Australian Government on Closing the Gap in educational outcomes. He was

also appointed convenor of the State's Advisory Committee on the recognition of Aboriginal people in the South Australian Constitution Act.

**Professor David Roder AM** (Chair of Cancer Epidemiology, Sansom Institute for Health Research) was appointed to the National Health and Medical Research Council, and as chair of the NHMRC's Prevention and Community Health Committee.

**Professor David Parker** (Chair of Cancer Epidemiology and Population Health, Sansom Institute for Health Research) was appointed to the Global Valuation Board working group for the Royal Institution of Chartered Surveyors, which will examine the educational requirements worldwide for the next generation of property surveyors.

**Associate Professor Joanne Cys** (Associate Professor in Interior Architecture, School of Art, Architecture

and Design) was elected to the 2011–13 Board of the International Federation of Interior Architects/Designers.

**Professor Mile Terziovski** (Head of School, International Graduate School of Business) joined the advisory board of the Global Innovation Management Institute based in Cambridge, Massachusetts.

**Dr Valerie Kupke** (Senior Lecturer, School of Commerce) was elected as President of the Pacific Rim Real Estate Society for a two-year term.

**Professor Barbara Pocock** (Director, Centre for Work and Life) was appointed to the Economic Development Board of South Australia.

**Professor Steffen Lehmann** (Director, Zero Waste Research Centre for Sustainable Design and Behaviour) was appointed to the South Australian Premier's Climate Change Council Roundtable for the Built Environment.



## Honorary awards

During 2012, the University of South Australia conferred honorary awards on people who have made significant contributions to the University, and to the wider community.

### HONORARY DOCTOR OF THE UNIVERSITY

#### Ms Fiona Hall

In recognition of her significant contribution to the teaching and practice of visual arts that has earned her acknowledgement as one of Australia's most celebrated and successful visual artists.

Fiona's uniquely original work expresses complex ideas, often relating to the environmental challenges our planet faces through a variety of media including photography, sculpture, public art, installation and garden design.

This award is a testament to her artistic vision, and also her contribution to the art and culture community through her work as a lecturer with the University of South Australia, and as a public artist.

In 1983, Fiona began lecturing in Photostudies at the South Australian School of Art (now part of the University of South Australia) a position she held until 1997. One of her major public art pieces, entitled '*Different Forms of Intelligence*' was produced with the assistance of Arts SA and adorns the entrance to the University's Hawke Building at the City West campus.

Fiona's work is represented in every major public collection in Australia, and she has staged solo exhibitions at galleries throughout Australia, in New Zealand, Sri Lanka and India.

In 2009, she was honoured at the South Australian arts industry's Ruby Awards with the Premier's Lifetime Achievement Award, and at the 2011 biennial Melbourne Art Foundation Awards she received the Artist Award in recognition of her outstanding contribution to visual arts in Australia.

### EMERITUS LAUREATE PROFESSOR

#### Emeritus Laureate Professor John Ralston AO

In recognition of his outstanding contribution to our institution, and to the wider world.

John was chosen as the University's inaugural Emeritus Laureate Professor, an honorary title to be conferred upon retired academic staff holding the title of Laureate Professor.

John's achievements within Australia's, indeed the global scientific community are as profound as they are distinguished. In addition to more than 30 years of cutting-edge research in particle technology, interfacial science and engineering, John's work has attracted substantial industry sponsorship and led to the establishment of the internationally recognised Ian Wark Research Institute at UniSA in 1994.

The fact that the Australian Academy of Science has described the Wark as a 'national treasure' underscores the success John has achieved in realising his vision.

In 2008 he was made an Officer of the Order of Australia.

He has also earned a senior Fulbright Scholarship, the Australian Government Centenary Medal, the Premier's Science and Excellence Award and he was named Australian Mining magazine's inaugural recipient of the Most Outstanding Contribution to Mining Award.

In 2007, John was honoured as South Australian of the Year and also South Australian Scientist of the Year, and in 2009 he received the Australian Academy of Technological Sciences and Engineering Council's prestigious Clunies Ross Lifetime Achievement Award.

## EMERITUS PROFESSORS

### Emeritus Professor Roger Smart

In recognition of his distinguished service to our institution, and to the community.

Roger founded the South Australian Surface Technology Centre at the SA Institute of Technology (one of UniSA's antecedent institutions) in 1987, and in 1995 he helped Emeritus Laureate Professor John Ralston set up the Ian Wark Research Institute.

Roger was the Institute's deputy director until he joined the new Applied Centre for Structural and Synchrotron Science in 2004. He has also been a Royal Society (UK) Research Fellow, and held an Australian Research Council Professorial Research Fellowship.

He is recognised as being among the top five per cent worldwide of cited authors in chemistry, and was an advisor to the National Collaborative Research Infrastructure Strategy and the Australian Microscopy and Microanalysis Research Facility.

Roger remains closely involved with important projects through the Minerals and Materials Science and Technology group at the University of South Australia's Mawson Institute that are examining the control of acid mine drainage, mine tailings disposal and clay interference with mineral recovery.

Since 1994, his applied research has been supported by more than 60 contracts and government grants with 45 companies, many with the Australian Minerals Industry Research Association. He has also published a number of books, and more than 200 papers in international journals.

### Emeritus Professor Andrew Gilbert

In recognition of his distinguished service to our institution, and to the community.

Following a 20-year career as a community pharmacist, Andrew became associated with the School of Pharmacy and what was then the South Australian Institute of Technology as an occasional external lecturer and then a research fellow.

He then joined the School of Pharmacy and Medical Sciences at the University of South Australia, and subsequently established the Quality Use of Medicines and Pharmacy Research Centre.

In this role, Andrew led a substantial set of research programs within the areas of medicines policy, health service research, and pharmaco-epidemiology, and the Centre grew to become an acknowledged leader in these fields at both national and global levels.

He was appointed Dean of the South Australian College of Pharmacy within UniSA's School of Pharmaceutical, Molecular and Biological Sciences, and then Professor of the School of Pharmacy and Medical Sciences.

Andrew was honoured as South Australian Pharmacist of the Year in 2004, and Australian Pharmacist of the Year by the Pharmaceutical Society of Australia in 2005.

In 2007 he was appointed President of the South Australian Pharmacy Board and in 2011 he received the Pharmaceutical Society of Australia's Excellence Awards Lifetime Achievement honour.

### Emeritus Professor Michael Taylor

In recognition of his distinguished service to our institution, and to the community.

Michael joined UniSA in its foundation year of 1991, initially as Professor of Civil Engineering and founder and director of the Transport Systems Centre (now part of the Barbara Hardy Institute).

He is internationally acknowledged as an expert in travel demand modelling, traffic simulation, the environmental impacts of road traffic, and intelligent transport systems.

He is highly sought after by government agencies, universities and research institutes to take part in major programs and activities, and he has been a member of numerous boards including the international advisory committees for global symposia on transportation and traffic theory, and on transportation network reliability.

Michael's recent research focuses on four vital areas – climate change adaptation for transport systems, fuel and emissions modelling for road traffic, transport-land use interaction modelling and transport network reliability.

He has four decades of professional experience as a practising traffic engineer, a research scientist for the Commonwealth Scientific and Industrial Research Organisation (CSIRO), a consultant to the Organisation of Economic Cooperation and Development (OECD) and in academia.

He is also a Chartered Professional Engineer as well as a Fellow of Engineers Australia, the UK Chartered Institute of Transport and Logistics and the US Institute of Transportation Engineers.



## Student achievements

Journalism and International Relations student **Christopher Testa** was selected as one of six Australian students to participate in the United Nations Conference on Sustainable Development (Rio+20) in Brazil in June 2012. He was part of the Global Voices Rio+20 Australian Youth Delegation, and also met the Prime Minister of Australia, the Hon. Julia Gillard MP.

**Christoph Rochna** (graduate of Bachelor of Industrial Design) received the internationally-renowned Red Dot Award for innovative product design for the iPad protective sleeve that he developed. Called 'Zattere', the sleeve is made entirely of biodegradable materials, and Christoph received his award at the annual Red Dot presentation ceremony in Essen, Germany.

Indigenous graduate trainee and UniSA honours graduate **Treena Clark** was honoured for outstanding academic achievement and dedication in the 2012 National Aborigines and Islanders Day Observance Committee (NAIDOC) Awards by being named South Australia's NAIDOC Scholar of the Year.

**Sjaan Gomersall** (PhD candidate, School of Health Sciences) was awarded the Young Investigator Award at the International Convention on Science, Education and Medicine in Sport in Glasgow.

**Matthew Christey** (School of Law) won the Australian Law Students' Association Witness Examination competition at the national finals of the Association's legal competitions in Melbourne, at which 36 universities from Australia, New Zealand and Singapore were represented.

**Wade Watts** (Bachelor of Applied Science, Human Movement and Health Studies) was joint winner of the 2012 E J Connellan Award to assist people aged over 16 who live in remote areas of Australia.

A team from UniSA led by **Jessica Dawson** and **Chris Braithwaite** (National Australian Pharmacy Students' Association president) and **Ling Na Yan** was awarded the top prize in the National Student Business Plan competition.

**George Fomba** (School of Psychology, Social Work and Social Policy), who escaped from Liberia during the civil war aged 13 after his father was murdered and then spent 12 years in a refugee camp awaiting an opportunity for resettlement, received a Pride of Australia Fair Go Medal presented by News Limited and Network Ten.

**Zoe Woods** (School of Art, Architecture and Design) was awarded first prize in the Waterhouse Natural History Prize Youth Art Prize for her work 'Microcosm 1'.



School of Art, Architecture and Design students/graduates awarded the 2012 Australian Institute of Architects Prize were:

- **Dr Samuel Jeyaseelan** (Master of Architecture student) – Student Prize for the Advancement of Architecture that recognises achievements of students who demonstrate leadership and who advance architecture through their activities
- **Adrian Kenyon** (Master of Architecture graduate) – COLORBOND Steel Student Biennale, the Institute's highest recognition for student and architectural design

In 2012, the Playford Trust Awards presentation was held at UniSA's City West campus, the first time it has been staged away from Parliament House. Four UniSA students received Playford Trust Awards in recognition of research undertaken in areas of importance to South Australia's ongoing economic development:

- **Devi Pokhrel** (civil engineering)
- **Ronnie Mapfumo** (engineering)
- **Morgan Schebella** (environmental science)
- **Benjamin Turner** (computer systems engineering)





### UNISA HONOURS MEDAL WINNERS

**Samantha May Hogan**  
Bachelor of Business (Honours)

**Daniel Feher**  
Bachelor of Arts (Honours)

**Jessica Lee Dawson**  
Bachelor of Pharmacy

**Kerrie Jane Bell**  
Bachelor of Sustainable Environments  
(Honours)

### UNISA MEDAL WINNERS

**Patrick Wei Jian Lim**  
Bachelor of Commerce

**Behdad Fahimnia**  
Bachelor of Commerce

**George Nicholas Thomolaris**  
Bachelor of Commerce,  
Bachelor of Applied Finance

**Kelly Louise Ladyman**  
Bachelor of Management  
(Human Resource Management)

**Shelley Ann Pedlar**  
Bachelor of Commerce

**Benjamin Joseph Nitschke**  
Bachelor of Marketing and  
Communication

**Justin Choong Wen-Jian**  
Bachelor of Commerce

**Nicole Khoo Siu Wien**  
Bachelor of Applied Finance

**Nicholas Wong Chee Ming**  
Bachelor of Arts

**Waleed Al-moughraby**  
Bachelor of Architectural Studies

**Li Xuan**  
Bachelor of Arts (Languages and  
Intercultural Communication)

**Kerry Ann Inkster**  
Bachelor of Visual Arts

**Susan Amanda Davies**  
Bachelor of Arts (Languages and  
Intercultural Communication)

**Simon John Kuss**  
Bachelor of Science,  
Bachelor of Education

**Elizabeth Audrey Emery**  
Bachelor of Visual Arts

**Rebecca Jean Livesey**  
Bachelor of Public Relations

**Alanna Bridget Mclean**  
Bachelor of Psychological Science

**Bronwyn Jayne Simpson**  
Bachelor of Midwifery

**Allison Michelle Taplin**  
Bachelor of Nursing

**Karinda Anne Tsaloumas**  
Bachelor of Nursing

**Jessica Wojciechowski**  
Bachelor of Pharmaceutical Science,  
Bachelor of Pharmacy

**Matthew Robert Hocking**  
Bachelor of Applied Science (Human  
Movement and Health Studies)

**Antje Humphreys**  
Bachelor of Nursing

**Abigail Ashley Lipscombe**  
Bachelor of Nursing

**Elizabeth Anne Mapletoft**  
Bachelor of Sustainable Environments

**Emilee Kate Altus**  
Bachelor of Quantitative Finance

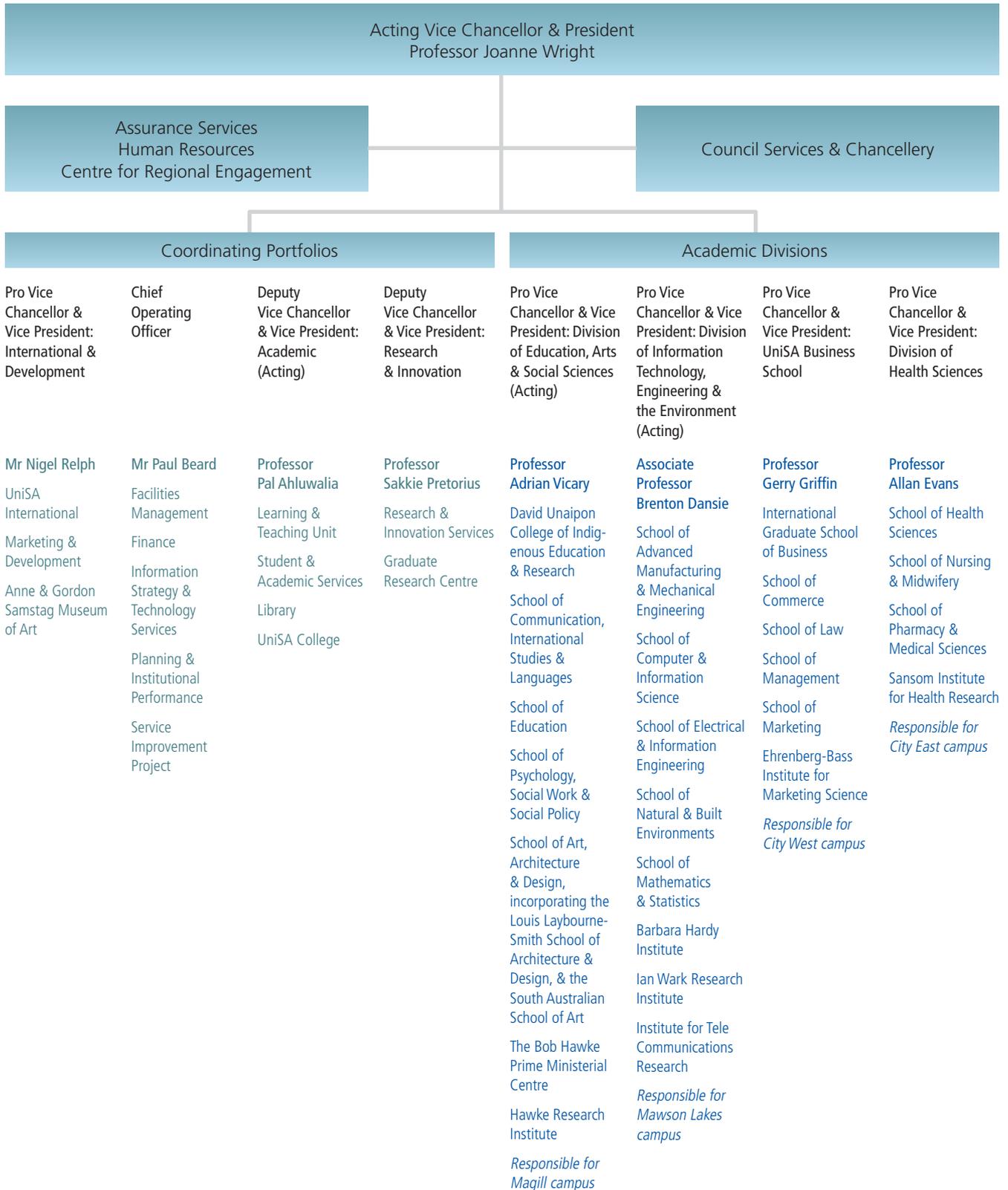
**Peter David Roughan**  
Bachelor of Nursing



OUR  
OPERATIONS  
23

# Senior academic and administration structure

AS AT 31 DECEMBER, 2012



# Centre for Regional Engagement

Co-located at the University's Whyalla campus and at its Mount Gambier Regional Centre, the Centre for Regional Engagement (CRE) provides undergraduate and postgraduate degree programs to more than 500 rural and regional students in the disciplines of business, nursing, social work, engineering, and foundation studies.

During 2012, the Centre enjoyed unprecedented growth and achievement, most notably in offering new programs, welcoming new staff, attracting substantial new Commonwealth funding and hosting a major international conference.

In response to significant demand from regional communities, the Centre (in conjunction with the University's **School of Education**) announced that students in Whyalla and Mt Gambier will be able to undertake a Bachelor of Education (Primary) program from 2013.

The new program will be delivered to national quality standards via a blended model, mixing online course materials, video recordings of lectures and forums in which students can interact directly with peers and lecturers located at UniSA's metropolitan campuses. Students will also visit the Whyalla and Mt Gambier sites to take part in face-to-face tutorials and, throughout their studies, will be supported via a unique, regionally-based mentoring program with local schools.

CRE also welcomed the **University Department of Rural Health (UDRH)** to its operations in Whyalla during 2012. The UDRH replaces the decade-old Spencer Gulf Rural Health School joint venture between UniSA and the University of Adelaide. One of 11 Departments of Rural Health operating around Australia and funded by the Australian Government Department of Health and Ageing, the UDRH's aim of 'conducting education and research to improve the health of rural and remote communities' furthers UniSA's engagement and equity missions.

With 18 staff, the UDRH brings a wealth of experience to CRE as well as a number of exciting engagement and education projects. These include cultural immersion field trips to the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands in South Australia's far north-west for staff, medical and allied health practitioners, as well as oversight of rural placements for medical and allied health students from South Australian universities.

In addition to these expansion activities, CRE benefited from \$18 million in funding from the Commonwealth Regional Priorities Round of the Education Investment Fund. This money, together with \$4 million in contributions from UniSA, TAFE SA, Mt Gambier City Council, the District Council of Grant and Arrium Mining and Materials, will fund a new **Learning Centre** in Mount Gambier. The investment will also enable the refurbishment of existing spaces at UniSA's Mt Gambier Regional Centre, as well as the installation of fibre optic circuits between Adelaide, Whyalla and Mt Gambier to connect the regions to the high-speed Australian Research and Education Network (AREN).

These projects have the capacity to significantly enhance participation and educational opportunities, as well as boost economic development in regional South Australia.

In addition to the expansion outlined above, CRE has maintained its lively research and academic culture principally through the Centre for Rural Health and Community Development (CRHaCD). In September 2012, CRHaCD hosted the fifth **International Rural Network World Forum** at the Whyalla campus.

The Forum built further on the University's strategic aims of developing a research intensive culture and developing national and international partners by delivering an event at which more than 200 national and international delegates met, shared ideas and discussed initiatives on the

theme of 'Rural and Remote Resilience: Making the Priorities Possible'.

Over its five days, the event hosted more than 100 standard paper presentations, 14 keynote addresses, 11 workshops, two panel discussions and five special sessions were delivered. The Forum was formally opened by the Chancellor of the University of South Australia, Dr Ian Gould AM, and featured an address from the then Minister for Regional Australia, Regional Development and Local Government, the Hon Simon Crean MP.

This was one of a number of international events that helped to further raise CRE's global profile. During 2012, the Centre's researchers collaborated with partner institutions and rural and remote communities across the world on projects including tourism mobility in sparsely populated regions (University of Umea, Sweden), the social impact of oyster farming (Vietnam), and European Union program evaluations for maternal, infant and child health in Malawi, Mozambique and Zimbabwe, Tanzania, Kenya and South Sudan.

In addition to these external achievements, both the Whyalla Campus and the Mt Gambier Regional Centre maintained close connections to their host communities.

In Whyalla, staff ran a number of school engagement programs that introduced students and families who have previously experienced minimal or no contact with university or tertiary education. More than 150 students from Whyalla, Port Augusta, Port Lincoln, Roxby Downs and the APY Lands have attended a **UniCamp** or **UniReady** program, during which they visit the Whyalla Campus to receive orientation, career, mentoring and employment information.

## Research and Innovation

Among the significant results and achievements of 2012 was the University's further improvement in the second **Excellence in Research for Australia (ERA)** evaluation, the results of which were delivered in December, 2012. This national assessment found more than 86 per cent of our assessed research to be of world-class standard or above, a notable increase on the result achieved in the inaugural 2010 round of ERA when that figure was around 70 per cent (see accompanying text box page 29).

UniSA is home to six flagship research institutes and 17 research centres, and our capacity for engaging in collaborative, multidisciplinary research was further underscored by our ranking as number one in Australia within the highly competitive **Cooperative Research Centres (CRC)** scheme for the amount of Federal Government funding secured. By the end of 2012, UniSA was a participant in 12 CRCs, and early in 2013 it was announced that UniSA would lead a new CRC for Cell Therapy Manufacturing that will be underpinned by a \$59 million investment from the Commonwealth.

Also in 2012, the University secured more than \$8.6 million in funding for health research in the October round

of **National Health and Medical Research Council (NHMRC)** grants, which represents the largest amount ever awarded to the University in a single funding announcement and was more than double the value of grants we received from the national funding body in 2011.

In order to ensure we continue to capitalise and build on these endorsements and achievements, during the course of 2012 the University Council approved a new strategic research framework that will continue to drive our reputation for excellence in research that yields practical, enduring outcomes for our communities.

### EXCELLENCE WITH RELEVANCE

The new strategic research framework '**Excellence with Relevance: Research and Innovation 2013–2020, a Framework for the Future**' is the result of extensive consultation both within and beyond the University, and has its foundations in the aspirations and directions outlined in our overarching strategic blueprint, **Horizon 2020**.

Among the strategy's core ambitions is a collaborative vision and purpose that aims to streamline research by enabling and rewarding productivity, and encouraging and supporting a

research culture of excellence that is both rigorous and pervasive throughout the University's research community.

Among the key strategic objectives contained within '**Excellence with Relevance**' are:

- Achieving a research culture of world-class quality that is rigorous, agile and pervasive
- Achieving world-class capability and building capacity through the recruitment, development and retention of academic leaders
- Achieving world-class quality and performance in postgraduate research outcomes
- Achieving value delivery through deeper engagement with industry, government and the wider community at local, national and international level

To help realise these outcomes, chief executive officer of ITEK (the University's technology commercialisation company) **Dr Stephen Rodda** was appointed to the additional role of Director: Research and Innovation Services.

### IMPACT ASSESSMENT

During 2012, 12 Australian universities – members of the Australian Technology Network (ATN), four Group of Eight (Go8) institutions, Charles Darwin University, University of Newcastle and University of Tasmania – took part in the joint ATN/Go8 **Excellence in Innovation for Australia Impact Assessment Trial**.

This exercise was designed to provide a means to effectively quantify the positive impacts of research being carried out in Australian universities. It also sought to test a possible future model for impact assessment, which may in turn be incorporated into the next ERA evaluation that is scheduled to take place in 2015.

The trial focussed on impact assessment using case studies of research undertaken by the participating institutions.





Senator Chris Evans, Minister for Tertiary Education, Skills, Science and Research, at the opening of the new Materials and Minerals Science Building at Mawson Lakes campus in 2012.

These were assessed by seven expert panels against key socio-economic objectives, as outlined by the Australian Bureau of Statistics. Those panels focused on areas such as defence, economic development, society and the environment.

The University of South Australia submitted 12 case studies to the trial, highlighting examples of high quality research conducted across our diverse disciplines which has shown demonstrably positive outcomes in the broader community. Two of these were included in a list of the 20 best case studies that were selected from the total of 165 submitted by all participating universities. They were:

- *Mineral Flotation – Sustained Benefit for Mineral Processing* – submitted by the Ian Wark Research Institute
- *A world-first plastic automotive mirror – from fundamental research to commercial OEM product* – submitted by the Mawson Institute.

Overall, more than 80 per cent of the case studies submitted by UniSA to the EIA Impact Assessment Trial were evaluated by the expert panels as having considerable, very considerable or outstanding impact in terms of their reach and significance.

### BUILDING CAPACITY

The University's \$50m **Materials and Minerals (M<sup>2</sup>) Science Building** was formally opened at Mawson Lakes in August 2012 by then Federal Minister for Tertiary Education, Skills, Science and Research, Senator Chris Evans. This state-of-the-art research facility, built with funding support from the Federal Government (\$40 million) and the South Australian Government (\$5 million) as well as \$5 million from the University of South Australia, houses laboratories that have been specifically designed to enhance the internationally significant research being undertaken by the University's Ian Wark Research Institute (chemical sciences and physical chemistry) and Mawson Institute (advanced manufacturing).

In order to build further on our existing research strengths, a number of key appointments were made during 2012 to help us to reach our research and innovation ambitions. They include:

- **Professor Richard Head** (Director, Sansom Institute for Health Research). Professor Head has more than 40 years of research experience nationally and internationally in investigating the aetiology of chronic diseases that affect societies.

Prior to joining UniSA he was Director of the CSIRO Preventative Health Flagship, where he was responsible for driving a national research program focussed on early detection of, and intervention in, chronic diseases

- **Professor Anthony Elliott** (Director, Hawke Research Institute). Professor Elliott is a Fellow of the Academy of the Social Sciences of Australia, a Fellow of the Cambridge Commonwealth Trust and a member of King's College, Cambridge. Before taking up his appointment at UniSA, he held the position of Chair of Sociology at Flinders University, where he also served as Head of Department and Associate Deputy Vice-Chancellor (Research)
- **Professor Fiona Arney** (Chair in Child Protection and Director, Australian Centre for Child Protection). Professor Arney previously led the Child Protection Research Program at Menzies School of Health Sciences in the Northern Territory. In this role she pioneered research into alternative approaches to working to prevent child abuse and neglect, and to support vulnerable Aboriginal and Torres Strait Islander children and their families

- **Professor Allison Cowin** (Professor of Regenerative Medicine, Mawson Centre). Professor Cowin is a recognised leader in wound repair and regeneration and her appointment represents a key step in the development of a research concentration of international significance focussed on regenerative medicine
- **Professor Mark Daniel** (Inaugural Head, School of Population Health). Professor Daniel is also Research Chair in Social Epidemiology and was previously Director: Social Epidemiology and Evaluation Research Group at the University's Sansom Institute for Health Research. Before joining UniSA in 2007, Professor Daniel was Canada Research Chair for Population Health and Associate Professor of Social and Preventive Medicine at l'Université de Montréal

## HIGHLIGHTS

The University's total annual research income in 2012 was \$58 million and we received approximately \$18.6 million in Category 1 funding compared to \$16.5 million in 2011.

With the 17 new NHMRC fellowships and projects worth more than \$8.6 million announced in October 2012, the University received a total of more than \$11 million in funding from the national research body for the year.

Among the recipients were **Professor Libby Roughead** who secured \$2.5 million to establish an NHMRC Centre of Research Excellence (CRE) in post-market surveillance of medicines and medical devices. The CRE aims to develop capacity, methods, knowledge and tools to enhance post-marketing surveillance systems in order to improve information on medicine and device safety, effectiveness and utilisation.

NHMRC Early Career Fellowship recipients included **Dr Natasha Stanton** and **Dr Stephanie Reuter**

The University was number one in Australia within the highly competitive Cooperative Research Centres (CRC) scheme for the amount of Federal Government funding secured.

**Lange** (Australian Clinical Fellowships), **Dr Thomas Wycherley** (Aboriginal and Torres Strait Islander Health Research Fellowship) and **Georgina Crichton** (Sidney Sax Public Health Overseas Fellowship).

**Professor Cory Xian** from the Sansom Institute for Health Research secured a Research Fellowship worth almost \$600,000 to support research into bone growth for healthy development, physiology, pathophysiology, and regeneration. Professor Xian was also chief investigator on a successful Project Grant worth over \$580,000.

A Partnership Grant was awarded to **Professor Leonie Segal**, to fund research into implementing a needs-based, evidence-driven primary health care workforce planning model to describe the multidisciplinary primary health care team necessary to deliver best practice in community mental healthcare and prevention.

A total of nine other project grant applications in which UniSA researchers are listed as chief investigator were successful, including two for **Professor Michael Roberts** with a combined value more than \$1.6 million. **Dr Paul Anderson** also received a Career Development Fellowship.

Among the UniSA researchers who secured highly competitive Australian Research Council (ARC) grants in 2012 were:

- **Associate Professor Sara Charlesworth** (Centre for Work + Life) and **Dr Gary Owens** (Mawson Institute) – Future Fellowships
- **Professor Jiuyong Li** (Advanced Computing Research Centre), **Professor Suzanne Franzway**

(Hawke Research Institute), and **Professor Alex Grant** (Institute for Telecommunications Research) – Discovery Project Grants

- **Associate Professor Irene Watson** (David Unaipon College of Indigenous Education and Research) – Discovery Indigenous Project Grant
- **Dr Svetlana Bogomolova** (Ehrenberg-Bass Institute for Marketing Science) – Discovery Early Career Research Award

In addition, Linkage Project Grants were awarded to **Professor Carol Kulik** (Centre for Human Resources Management), **Professor Hans Griesser** (Ian Wark Research Institute) and **Professor Nico Voelcker** (Mawson Institute).

## AWARDS

Among the UniSA researchers to receive significant recognition and awards during 2012 were:

- **Professor Richard Head** (Director: Sansom Institute for Health Research) – CSIRO Medal for Lifetime Achievement
- **Dr Russell Brinkworth** (School of Engineering), **Dr Hannah Keage** (School of Psychology, Social Work and Social Policy) and **Dr Grant Tomkinson** (Mawson Institute) – Tall Poppy Awards
- **Dr Stephanie Reuter Lange** (School of Pharmacy and Medical Sciences) and **Dr Drew Evans** (Mawson Institute) – South Australian Science Excellence Awards



### EXCELLENCE IN RESEARCH FOR AUSTRALIA

As well as maintaining the maximum ERA 5 rating (well above world-class standard) gained for **physical chemistry (including structural)** in the 2010 ERA evaluation, the University of South Australia earned a second ERA 5 rating in 2012 for **resources engineering and extractive metallurgy**. That was in addition to achieving five new ERA 4 ratings (above world standard) in the 2012 evaluation for:

- Cultural studies
- Human movement and sports science
- Mechanical engineering
- Medical physiology
- Psychology

ERA 4 ratings were maintained in **environmental science and management, materials engineering, nursing and nutrition and dietetics**, while ERA 3 ratings (world standard) were achieved across all four of our academic divisions in:

- Applied economics
- Applied mathematics
- Artificial intelligence and image processing
- Business and management
- Civil engineering
- Clinical sciences
- Curriculum and pedagogy
- Distributed computing
- Education systems
- Electrical and electronic engineering
- Information systems
- Journalism and professional writing
- Linguistics
- Marketing
- Pharmacology and pharmaceutical sciences
- Public health and health services
- Pure mathematics
- Social work
- Sociology
- Urban and regional planning
- Visual arts and crafts

# Teaching and Learning

The major focal point for the University's teaching and learning in 2012 was implementation of the \$23.7 million Teaching and Learning Strategic Plan 2012–2015, which was finalised following an extensive consultation process begun the previous year. The Plan's ambition is to create an outstanding student experience as well as exceptional graduates, and to further enable the University to work towards the goals and vision expressed in our over-arching strategic blueprint, Horizon 2020.

The strategy outlines broad objectives and lead strategies within six critical themes that are being delivered through initiatives such as those detailed below.



## CURRICULUM DESIGN, MANAGEMENT AND DELIVERY

Building on the success of the \$11 million **Personal Learning Environment** initiative rolled out over the past three years, UniSA students derived enormous benefit from the new *learnonline* system during 2012. The *learnonline* project has provided all students with convenient and flexible access to learning materials and activities, from both on and off campus. During 2012, more than 12,000 lectures were recorded, over 11,000 online discussion forums were created and in excess of 230,000 assignments were submitted online.

For the first time, funding was also made available to support technology enhanced learning projects. The **Technology Enhanced Learning Grants** are centred on the innovative use of technology to support active learning experiences, and a total of \$3.5 million will be invested in these grants through until February, 2014.

In addition, a **Curriculum Development Fund** was launched in 2012 to support the development of innovative and engaging curricula and programs. The funds have been invested

in projects to develop products aimed at attracting new students to UniSA, and to further enhancing the University's reputation.

The **Enhancing Student Academic Potential** program, an early-intervention initiative designed to support students identified as being at academic risk early in their studies, was also rolled out during 2012. The program used a peer-based model, under which current students worked as student advisers and contacted fellow students who were identified as being potentially at risk. These advisers held supportive conversations with the 'at risk' students and helped identify available services on campus, including counselling or learning support. A number of students have already reported that the program helped them with making positive changes to their studies.

## GRADUATE OUTCOMES

Results of the 2012 Australian Graduate Survey (AGS) showed significantly more UniSA graduates (80 per cent) found full-time employment than the average for graduates in South Australia (77 per cent) and nationally (76 per cent) within four months of completing their studies.

This represents a further significant step towards UniSA meeting its target of having the highest percentage of Australian bachelor graduates in full time employment (working in professional occupations) in South Australia by 2015.

The University's capacity to deliver work-ready graduates is highlighted by the fact that 91 per cent of UniSA graduates in full-time employment are working in professional occupations. The University's performance on the AGS Good Teaching Scale also improved from 62 per cent in 2011 to 67 per cent in 2012, and 86 per cent of graduates expressed overall satisfaction with their experience at UniSA.

## STUDENT RECRUITMENT AND PROFILE OF STUDENT BODY

In 2012, the University met its objective of having the highest share of domestic undergraduate first preferences in the State and increased its market share of undergraduate applications in South Australia to 48 per cent.

More students also took up pathway opportunities to study at UniSA in 2012 through **UniSA College**, which was

established in 2011. The College, which provides educational opportunities for students without the required qualifications to gain direct entry to an undergraduate degree, had 674 students undertake its Foundation Studies program. There were also 84 students enrolled across the College's three diploma programs, which now provide guaranteed entry to the University upon successful completion. In 2013, it was reported that 85 per cent of the UniSA College students who completed Foundation Studies in 2012 would continue on to further study at UniSA.

## STUDENT EXPERIENCE

UniSA continued to make significant progress towards its objective of overall student satisfaction, and compared favourably with the top 10 institutional results across Australia. In the 2012 International Student Barometer (ISB), UniSA international students recorded a higher level of overall satisfaction than the Australian and global ISB benchmark scores. In the key areas measured in the ISB (including learning, living, support, arrival and overall satisfaction), UniSA obtained higher than average results when compared with the national and global outcomes.



The Teaching and Learning Strategic Plan's ambition is to create an outstanding student experience as well as exceptional graduates.

The University also created a new Student Experience group within the Learning and Teaching Unit in 2012, to further develop the **ExperiencePlus** program. An investment of more than \$125,000 was made in ExperiencePlus grants, and six new student leaders were appointed across the University's campuses to direct local student experience initiatives. The Experience Leadership program, which develops students professionally and provides valuable networking opportunities, also commenced in 2012.

More than 20 student events, including student markets and other activities, were held during the year, in which an estimated 5,000 students took part. In addition, a new student bar and lounge facility, The Academy (renamed Bar West in 2013), was opened at the City West campus.

The University's **Global Experience** program was expanded to include an international study tour program, providing short-term mobility opportunities for UniSA students to Malaysia, Vietnam and Indonesia. An Indigenous cultural awareness program was also developed through Global Experience, in conjunction with the Ngarrindjeri community, to enhance students' engagement with Indigenous cultures.

Implementation of the \$3.9 million **Library Digital Resource Strategy**, which aims to enhance the study and research experience for students and staff by improving access to a range of resources, commenced in 2012. A key activity in the strategy is replacing print books currently in the University's library collection with digital copies where possible and, for lesser used titles, to replace print books with an e-book subject equivalent. The Library purchased

2,000 new individual e-books in 2012, and two book sales were held to help reduce the stock of print resources.

UniSA students will soon have access to a transformational \$85 million **Learning Centre** that is under construction at the City West campus. This state-of-the-art facility will provide a diversity of learning spaces and support services in an environment of equity and quality. The Learning Centre will be enriched by integrated resources and up-to-the-minute technologies, and provide a strong framework for effective and memorable social, learning and teaching experiences. The Centre itself will be capable of accommodating the learning needs of an additional 1,800 students.

## REWARDING AND DEVELOPING STAFF

A number of UniSA staff were recognised and rewarded for their contributions to teaching and learning during the year.

### 2012 UniSA Award for Teaching Excellence

- **Dr Jackie O'Flaherty** (School of Pharmacy and Medical Sciences) – For sustained teaching excellence in the area of anatomy and physiology, for commencing and continuing nursing and midwifery undergraduates

### 2012 UniSA Citations for Outstanding Contributions to Student Learning

- **Associate Professor Tangi Steen** and **Ms Dale Wache** (David Unaipon College of Indigenous Education and Research/Learning and Teaching Unit) – For sustained contribution to curriculum development that improves overall student satisfaction with their program experience

- Psychology Undergraduate Teaching and Learning Team – Dr Janet Bryan, Dr Michelle Tuckey, Dr Rob Ranzijn, Mrs Cathy Balfour, Dr Renae Hayward, Dr Elissa Pearson, Professor Kurt Lushington (School of Psychology, Social Work and Social Policy) – For introducing work-integrated learning and enhancing student experiences and professional development into psychology undergraduate degrees through nationally recognised curriculum renewal
- Mr Brad Stenner (School of Health Sciences) – For enhancing the student learning experience in the field of occupational rehabilitation, through the use of engaging teaching practices that develop students' clinical skills
- Ms Luci Giannattilio (School of Art, Architecture and Design) – For motivating professional practice within a studio learning environment through lifelong learning approaches which build confidence and self-awareness

A number of staff were also recognised with UniSA Supported Teacher awards. In addition, the UniSA Learning and Teaching Grants scheme supports staff to innovate and enhance their teaching methodology and resources. In 2012 grants were provided to:

- Dr Nadine Pelling (School of Psychology, Social Work and Social Policy) – Project: Large scale assessment of applied counselling microskills – the development of an efficient examination
- Dr Jenni Carter (School of Education) – Project: Building pre-service teachers' analysis skills through authentic classroom literacy data



#### EQUITY PRACTICE

In the 2012 Department of Industry, Innovation, Science, Research and Tertiary Education Institutional Performance Portfolio, UniSA performed better than the sector in all measures (access rate, participation rate, participation ratio, success rate and success ratio) for low socio-economic status students, remote students and students with a disability. UniSA also recorded higher Indigenous participation and success rates than was achieved nationally.

In line with the University's commitment to improving Indigenous education programs, Professor Peter Buckskin was appointed as the University's inaugural Dean: Indigenous Scholarship, Engagement and Research.

A new Indigenous Education Teaching Award was also introduced in 2012, to recognise the valuable work of academic staff who utilise teaching methods and materials that enhance UniSA students' knowledge of Indigenous cultures, which they require for culturally competent professional practice.



UniSA College, together with the Department for Education and Child Development, formalised a commitment to support the delivery of the Australian Indigenous Mentoring Experience program to participating schools in the northern Adelaide region. This program aims to support Indigenous high school students, and to encourage further studies at university.

In 2012, more than 2,500 students across the University were provided financial assistance from the \$3.3 million in scholarships and study grants offered by UniSA.



A number of UniSA staff earned national recognition from the Australian Government Office for Learning and Teaching with citations for outstanding contributions to student learning:

- **Mrs Vivien Chanana** (School of Marketing) – For sustained and consistent commitment to enhancing the experience for large first year classes of marketing students, including the use of innovative teaching methods
- **Dr Ian Edwards, Mr Michael Gordon, Mr Mark Jones, Ms Gisela Van Kessel** (School of Health Sciences) – For facilitating the development of moral judgment in final year physiotherapy students through a pedagogy involving perturbation of existing moral reasoning frameworks
- **Dr Michael Ward** (School of Pharmacy and Medical Sciences) – For sustained achievement in engaging students in developing clinical decision thought processes through role modelling of professional attributes

# International and Development

In 2012, the University maintained a wide range of activities under the banner of international and development, and also embarked on a number of new initiatives.

## INTERNATIONAL ACTIVITIES

The University continues to prioritise the strengthening of strategic collaborations with key institutions across the world and, in 2012, developed a number of new research, education and student mobility partnerships through formal agreements.

Among the partnerships that have enabled the ongoing expansion of the University's international presence are those with Shandong University and Beijing Normal University in China, and the Indian Institutes of Technology in Chennai, Mumbai and Delhi.

Another of the University's priorities has been to position itself centrally in Commonwealth and South Australian government strategies to forge stronger links in Asia. In 2012, the University participated in three of the visits by the Premier of South Australia, the Hon Jay Weatherill MP, to the region including his official delegations to China and India.

Whilst in India, the Premier witnessed the signing of a Memorandum of Understanding (MOU) between one of India's leading institutions, Jawaharlal Nehru University (JNU) and the University of South Australia. At this event, the Premier announced two scholarships for JNU students to study at UniSA's **Centre for Muslim and non-Muslim Understanding** in Adelaide.

During the same visit, the Premier also witnessed the signing of an MOU between the University of South Australia and Waaree Energies, one of India's leading multi-technology companies, which will help develop further strategic partnership opportunities between the company and South Australia and lead to long-term links in the areas of sustainability and resources management. The Premier also

signed an MOU between Waaree and the State Government at that event.

Another highlight of 2012 was the Chinese launch of the **China-Australia Centre for Sustainable Urban Development** in Tianjin during October. This joint centre, a collaboration between the University of South Australia and Tianjin University, was launched at a conference attended by senior Chinese officials from national and local government, academic experts, and senior university staff, including the President and Vice President of Tianjin University and two Vice Presidents from the University of South Australia. An Australia launch of the Centre at UniSA's City West campus was scheduled for early in 2013.

A key outcome of many of these international visits was the consolidation of student mobility partnerships. Student mobility continues to be a priority for the University and, during 2012, the University saw an increase in the number of students undertaking an international experience, with 452 undergraduate and postgraduate coursework students taking up mobility opportunities. The University successfully secured \$372,500 in funding from the Federal Department

of Education, Employment and Workplace Relations for International Student Exchange Program Scholarships to support 46 inbound and 27 outbound exchanges with institutions in China, India, UK, North America and Malaysia.

## COMMUNITY ENGAGEMENT

In 2012, the University was proud to celebrate its 12th year as sponsor of the Australian national team in the 2012 **Santos Tour Down Under** UCI WorldTour cycling event. The Tour was attended by more than 750,000 people over the course of a week, and it remains the largest sporting event staged in the State.

Also during the year, the University was pleased to continue its sponsorship of a number of key initiatives, including the Advantage SA's **Speakers in Schools** program, the **South Australian Debating Association's Schools' Competition**, **Western Futures** (a local community outreach and engagement program delivered in partnership with DFEEST), and the **Australian Human-Powered Vehicle (HPV) Super Series** which involved more than 3,700 students from 166 primary and secondary schools and attracted more



*Head of the River.*



Jeffrey SMART, *Near Knossos*, 1973 oil and acrylic on canvas, 81.0 x 100.0 cm. University of South Australia Art Collection. © Jeffrey Smart

than 35,000 spectators, making it one of the State's largest school sporting events. For the first time in 2012, the University also sponsored the SA **Head of the River Championship Regatta**, which involved 13 schools in rowing competitions and thousands of spectators.

The University again conducted its public lecture program **Knowledge Works**, which saw more than 1100 members of the public, including alumni, attend 10 lectures from leading academics on issues such as genomics water quality management, wine packaging and consumer behaviour, and architecture and design.

### SAMSTAG MUSEUM OF ART

2012 saw the Samstag Museum of Art present its most ambitious annual program to date, culminating in the presentation of the **Master of Stillness: Jeffrey Smart paintings 1940–2011** exhibition launched in October. The nationally significant Smart exhibition – which later toured



Jeffrey SMART, *Self-portrait at Papini's 1984–5*, oil and acrylic on canvas, 85.0 x 115.0 cm. © Jeffrey Smart

to Victoria's prestigious TarraWarra Museum of Art – confirmed the Museum's professional competence and curatorial sophistication, while further underscoring UniSA's identity for visible cultural leadership.

Other highlights included renowned Australian writer David Malouf in conversation with Samstag Museum director Erica Green on the topic of the *Master of Stillness* exhibition, an event that was later televised on ABC-TV's 'Big Ideas' program. In addition, a documentary of the *Master of Stillness* exhibitions at both the Samstag Museum and Carrick Hill, made by filmmaker Catherine Hunter, was televised on ABC-TV as part of the 'Artscape' series.

Further recognition of the Samstag Museum and its staff saw Director Erica Green appointed to the Federal Government's Cultural Gifts Program, and she was also invited to judge the prestigious 2012 Basil Sellers Art Prize at the University of Melbourne.

### ALUMNI AND DEVELOPMENT

In 2012, the University recorded another year of strong support from donors and corporate supporters. At year's end, it reported more than \$10.6 million in accumulated funds and during 2012 distributed \$834,795 for student support, scholarships, research and resources. The **Gavin Wanganeen Indigenous Scholarship** appeal continues to be one of the University's most popular annual fundraising campaigns. To date, more than \$365,000 has been raised and 15 Indigenous students have received a Gavin Wanganeen Scholarship to help them further their educational opportunities.

The University of South Australia **Alumni Network** continues to grow and there are now more than 174,000 UniSA alumni around the world. The University has active international chapters in Hong Kong, Singapore, Malaysia and Taiwan. In conjunction with the annual offshore graduation presentations, more than 400 alumni attended reunions and events hosted by the University of South Australia's Chancellor and Vice Chancellor in Malaysia, Singapore and Hong Kong.

The University was proud to hold a special industry and government partner event to celebrate the opening of the new \$50 million **Materials and Minerals Science Building** at Mawson Lakes, one of the nation's most advanced research facilities for materials and minerals science. The building, better known as M<sup>2</sup>, is home to 120 research students and staff from Australia and from countries around the globe.



Another of the University's priorities has been to position itself centrally in Commonwealth and South Australian government strategies to forge stronger links in Asia.



# Business School

The University of South Australia Business School, which formally changed its title from the Division of Business in October 2012, is South Australia's largest business school and has earned national and international renown. It offers a wide range of undergraduate and postgraduate degrees by coursework and research that cater to the professional needs of the business community and government.

Its core academic faculty of 184 staff is international in composition and outlook, with 35 different nationalities represented, and the School's student body is similarly diverse with students hailing from more than 100 countries around the world.

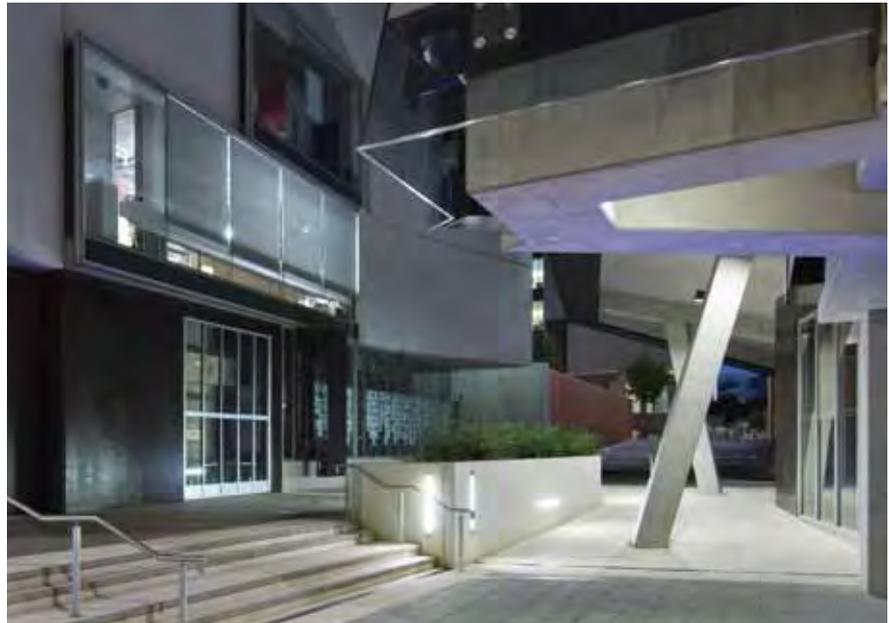
## KEY APPOINTMENTS

Among the School's senior academic staff appointments during 2012 were:

- **Professor Roman Tomasic** appointed Dean and Head of School, School of Law (previously Chair in Company Law at the Durham Law School, Durham University).
- **Professor Mark Orlitzky** appointed Chair in Management, School of Management (effective January 2013, previously Associate Professor of Management, Pennsylvania State University – Altoona, USA)
- **Professor Cheri Ostroff** appointed Chair in Management, School of Management (previously Professor, Department of Psychology, University of Maryland and Affiliate Professor of Management, University of Maryland, USA)

## RESEARCH

UniSA Business School's academic staff, of which 73 per cent hold doctoral qualifications, engage in applied research that benefits corporations and communities throughout the globe. As detailed on page 29 of this report, in the 2012 **Excellence in Research**



for Australia (ERA) assessment, the School was evaluated as being of world-class standard for its research in the specific fields of:

- Applied Economics
- Business and Management
- Marketing

During 2012, UniSA Business School researchers secured funding for 104 research projects and a number of those funded projects feature an international focus, including cross-cultural comparative studies, country-specific research, and projects that tackle issues of global importance.

For example, researchers at the School's **Ehrenberg-Bass Institute for Marketing Science** secured \$825,380 in funding from the Grape and Wine Research and Development Corporation for three research projects focused on market demand for wine and consumer preferences in Asia. These projects will help Australia's wine industry to gain more knowledge and understanding of one of today's most dynamic economies, and will provide a basis for further studies in the Asia-Pacific region.

## TEACHING & LEARNING

In 2012, the University's Master of Business Administration (MBA) attained a five-star rating from the Graduate Management Association of Australia (published in the Good Universities Guide) for the fifth consecutive year, making UniSA one of only three universities nationwide to earn that distinction.

Also during the year, the School congratulated the first graduates of its MBA program specially designed for the energy and resources sector. This unique program is offered in collaboration with University College London, and leading Australian oil and gas exploration and production company, Santos. Global mining giant BHP Billiton and electricity provider SA Power Networks (formerly ETSA Utilities) also collaborate with this program.

The Business School's global focus is highlighted by the fact that 192 of its students travelled internationally on exchange programs during 2012. The School has also developed an impressive range of intercultural teaching modules, intensive study tours, and international internship placements

for its students. These initiatives provide opportunities for students who are unable to commit to a six-month or full-year formal student exchange program to gain international experience and/or develop global perspectives.

Among them are:

- The **Business International Study Tour**, which saw 20 undergraduate students travel to Malaysia and 15 to Vietnam. This initiative attracted funding support from the Federal Government
- The **Global Experience** program, which had 680 student enrolments in 2012 and was recognised at the State Governor's Multicultural Award for 2011 for its encouragement of youth engagement in community organisations and its leadership in the promotion of the positive influence of cultural diversity within the UniSA community
- **Summer Internships Overseas**, which enabled nine students to each spend four weeks in Hong Kong working on consumer insights and loyalty projects in companies owned and/or managed by UniSA MBA alumni



In 2012, the University's Master of Business Administration (MBA) attained a five-star rating from the Graduate Management Association of Australia (published in the Good Universities Guide) for the fifth consecutive year, making UniSA one of only three universities nationwide to earn this distinction.

### COMMUNITY ENGAGEMENT

The UniSA Business School hosted the **CEO Business Symposium** in November 2012, with its theme 'Future Opportunities and Challenges for South Australia' focusing on four key sectors:

- Energy and Mining
- Infrastructure
- Food, Wine and Tourism
- Defence

The symposium provided an environment for CEOs and senior executives to interact and share insights about the drivers of economic prosperity in South Australia in the coming decades. Among the event's high profile keynote speakers were:

- Hon Jay Weatherill MP (Premier of South Australia)
- David Knox (Chief Executive and Managing Director, Santos)
- Rod Hook (Chief Executive, Department of Planning Transport and Infrastructure)
- John Angove AM (Managing Director, Angove Family Winemakers)
- Steve Ludlam (Managing Director and Chief Executive Officer, Australian Submarine Corp Pty Ltd)
- Bruce Carter (former chairman, South Australian Economic Development Board)

### ACHIEVEMENTS AND APPOINTMENTS – STAFF AND STUDENTS

In addition to the other significant staff and student achievements detailed on pages 16–22:

In the 2012 Australia Day Honours, **Dr Michael Myers OAM** was honoured for service to education and to youth through the Re-Engineering Australia Foundation. Dr Myers is a graduate of the Doctor of Business Administration offered by the UniSA Business School.

**Dzung Bui** (double degree student: Bachelor of Commerce, Bachelor of Laws) was named as winner in the Outstanding New Leader/Mentor category of the 2012 Australasian Peer Assisted Study Sessions Leader Awards that recognise student learning and the development of a culture of peer learning. He was one of only three students to receive the honour.

**Danial Fahmi Mohd Zamberi** (Bachelor of Applied Finance) received honours in the Australia Malaysia Business Council SA Chapter awards that recognise Malaysians studying at South Australia's universities, and are designed to identify, nurture and promote the next generation of Malaysian business ambassadors.

During 2012, UniSA Business School property graduate **Mark Steinert** was named as Managing Director and CEO of Stockland, Australia's largest diversified property company.

### ETHICAL AND SOCIAL RESPONSIBILITY

Through their applied research, a number of the UniSA Business School's senior and emerging researchers have made a significant contribution to improved awareness and understanding in matters related to sustainability and global social responsibility.

In 2012, a team of Australian Centre for Asian Business scholars conducted fieldwork in China with partners from Renmin University Beijing. This fieldwork was part of an Australia-China Science and Research Fund group mission, the aim of which is to build a multi-disciplinary platform for ongoing research collaboration and is intended to create stronger rural and remote communities.

The program initially focuses on community enterprises such as tourism, food, tea, ecological services and bamboo/tree plantations, and how these areas may generate employment and improve sustainable livelihoods, particularly when supported by integrated infrastructure systems such as telecommunications, renewable energy, water, transport, eco-housing, and financial mechanisms such as forest property rights and carbon credits. It also includes considerations of social entrepreneurship and leadership.

# Division of Education, Arts and Social Sciences

The Division of Education, Arts and Social Sciences delivers programs across a wide range of the above mentioned disciplines. Its programs are enriched by its staff's strong professional knowledge and industry connections, and the research it undertakes deals with issues of significant theoretical interest and practical concern.

## KEY APPOINTMENTS

In addition to senior staff highlighted on pages 27–28 of this report, the Division was pleased to make the following key appointments during 2012:

- **Associate Professor Joanne Cys** was appointed Dean: Teaching and Learning in Division of EASS (previously Associate Professor in Interior Architecture in the School of Art, Architecture and Design)
- **Professor Stanley Nangala** was appointed Head of School, David Unaipon College of Indigenous Education and Research (previously Head of School of Indigenous Australian Studies at James Cook University)
- **Associate Professor Jennifer Rutherford** was appointed Deputy Director of the Hawke Research Institute (previously Associate Professor of Sociology at Flinders University)
- **Professor AbdouMaliq Simone** was appointed to the International Centre for Muslim and Non-Muslim Understanding, Hawke Research Institute (previously member of Department of Sociology at Goldsmiths College, University of London and Visiting Professor with the African Centre for Cities at the University of Cape Town)

## RESEARCH

In the Excellence in Research for Australia (ERA) results released in 2012, the Division achieved world-class standard or above for its assessed research in the specific fields of:

- Cultural Studies
- Curriculum and Pedagogy
- Education Systems
- Journalism and Professional Writing
- Linguistics
- Psychology
- Social Work
- Sociology
- Urban and Regional Planning
- Visual Arts and Crafts

The Division was also proud to see UniSA named an essential partner in the **Young and Well Cooperative Research Centre**, into which \$2 million will be invested over four years to advance research into the effects of online social marketing on the safety and wellbeing of young people. The project is to be led by **Dr Barbara Spears** from the Division's School of Education.

**Dr Sara Charlesworth** from the Centre for Work + Life was awarded an Australian Research Council Future Fellowship worth more than \$700,000 over five years.

School of Psychology, Social Work and Social Policy researcher **Dr Hannah Keage** won a South Australian Young Tall Poppies award for her work that examines the early life prevention and physiological symptoms of dementia.

**Jennifer Davids**, a PhD candidate from the School of Education won the National



Centre for Vocational Education Research Early Career Researcher Award at the Australian Vocational Education and Training Research Association conference in Canberra for her paper 'In the frontline: the voice of veteran teachers'.

## TEACHING AND LEARNING

In 2012, the Division announced it would offer Bachelor of Education (Primary Teaching) at the University's Whyalla campus and its Mount Gambier Regional Centre from 2013, thereby creating new opportunities to build a stronger regional teaching force. This is a collaborative approach between the School of Education within the Division, and the **Centre for Regional Engagement**.

In addition to underscoring the University's commitment to South Australia's rural and regional communities, the program will deliver benefits for students who would otherwise have found it difficult to undertake tertiary studies in the city.

Throughout the year, the Division also delivered essential mental health services through its **Psychology Clinic**, which is administered in conjunction with Country Health SA. The Clinic assists South Australians in regional communities by providing the first video therapy service of its kind. It also offers free, unlimited psychology services to clients in Port Augusta and surrounding communities via video link, while at the same time teaching trainee psychology clinicians.

The Bob Hawke Prime Ministerial Centre remains a cornerstone of UniSA's strategic commitment to engaging with our communities.



## COMMUNITY ENGAGEMENT

Professor Mads Gaardboe, Dr Damian Madigan, and Dr David Morris (School of Art, Architecture and Design) were honoured in the 2012 Chancellor's Awards for Community Engagement as equal overall winners and category winners in the community participation category for the Port Resolution Community-Run Visitor Accommodation project.

The **Bob Hawke Prime Ministerial Centre** remains a cornerstone of UniSA's strategic commitment to engaging with our communities, and among the highlights of the Hawke Centre's 2012 program were:

- A dialogue entitled '**Paths to a just peace for Palestine and Israel**' which was attended by the Governor of South Australia, His Excellency Rear Admiral Kevin Scarce AC CSC RANR, and its contributors included former Premier of South Australia, Dr Lynn Arnold AO
- More than 350 people attended the annual **Nelson Mandela Lecture** which was delivered by Professor Eyal Weizman from Goldsmiths University, London and presented by the Hawke Centre and the School of Law

- Australia's most recent President of the United Nations Security Council and former senior diplomat Richard Woolcott AC delivered the 2012 **Annual Hawke Lecture** in November

In addition, former Prime Minister of Australia, the Hon Bob Hawke AC, attended the opening of the 'Advancing Australia Fair – Bob Hawke and his Government 1983–1991' exhibition that was held in the Kerry Packer Civic Gallery. The event was presented by the **Hawke Centre** and the **Bob Hawke Prime Ministerial Library** as part of the 'About Time' SA history festival.

The Premier of South Australia, the Hon Jay Weatherill MP, formally launched the book '*Time Bomb*' written by **Professor Barbara Pocock**, **Dr Natalie Skinner** and **Dr Pip Williams** (Centre for Work + Life) at Imprints Bookshop in Adelaide.

## ACHIEVEMENTS AND APPOINTMENTS – STAFF AND STUDENTS

In addition to the other significant staff and student achievements detailed on pages 16–22:

- **Professor Roger Harris** (Professor in Adult and Vocational Learning,

School of Education) was awarded a Lifetime Honorary Membership of Adult Learning Australia

- **Professor Maureen Dollard** (Director of the Centre for Applied Psychological Research) was elected Foundation President of the Asia Pacific Academy for Psychosocial Factors at Work
- **Professor Pauline Harris** (Lillian de Lissa Chair in Early Childhood Research) was appointed co-editor of the Journal of Early Childhood Literacy
- **Associate Professor You-il Lee** (School of Education) was elected president of the Korean Studies Association of Australasia
- Two students from the School of Communication, International Studies and Languages were recognised at the 2012 South Australian Media Awards:
  - **Lauren Waldhuter** (final year Bachelor of Journalism student) won the Julie Duncan Award for student journalism
  - **Sharon Mascall-Dare** (PhD student and sessional staff member) won Best Radio Broadcaster and Best Radio Current Affairs or Feature

# Division of Health Sciences

The University of South Australia remains the State's largest and most diverse provider of health industry graduates. Since 2001, it has contributed more than 15,000 professionals to the health workforce and, over the past five years, an average of 93 per cent of its graduates have found full-time employment within four months of completing their degrees.

In 2012, the Division's total student numbers swelled to more than 7,300, the largest health sciences student cohort in UniSA's history. It has also reported a significant increase in the number of Indigenous students commencing in health sciences programs, and over the past decade the Division has graduated almost 100 Indigenous health professionals.

## KEY APPOINTMENTS

In addition to senior staff highlighted on pages 27–28 of this report, the Division was pleased to make the following key appointments during 2012:

- **Professor Carol Grech** was appointed Head of School, Nursing and Midwifery (previously Associate Head of School)
- **Professor Xin-Fu Zhou** was appointed Research Chair in Neuroscience (previously Professor, Neurogeneration Laboratory at Flinders University)



*Professor Lorimer Moseley and students*

## RESEARCH

In 2012, the **Sansom Institute for Health Research** maintained active links with partners from more than 50 organisations throughout Australia, as well as 40 international partners in 16 countries. The Institute also supported the Division's 30 externally funded research fellows.

In the second round of the **Excellence in Research for Australia (ERA)** initiative (detailed on page 29), the Division's research in the following specific areas was judged to be of world-class standard or above:

- Nursing
- Human Movement and Sports Science
- Nutrition and Dietetics
- Clinical Sciences
- Pharmacology and Pharmaceutical Sciences
- Medical Physiology
- Public Health and Health Services

Our researchers secured more than \$10 million in **National Health and Medical Research Council (NHMRC)** grant funding in 2012, which represents the Division's best-ever return with close to 25 per cent of submitted applications being successful and the total more than doubling the University's entire NHMRC funding from 2011.

In addition to the research highlights detailed on pages 2 and 28 of this report:

**Professor Shudong Wang** (School of Pharmacy and Medical Sciences) was appointed as part of the \$20 million Beat Cancer Project research partnership (jointly funded by the South Australian Government and Cancer Council SA). It will focus on targeted cancer research and drug discovery.

**Professor Nicholas Procter** (School of Nursing and Midwifery) led the team that secured the University's role as fund holder for the continuation of the Mental Health in Multicultural Australia project (\$1.8 million over two years). The School also received a \$900,000 Suicide Prevention Grant through the Department of Health and Ageing.

**Dr Grant Tomkinson** (School of Health Sciences) received a 2012 Tall Poppy Science Award for his work that showed there has been a global decline in children's aerobic fitness since 1975, and that today's children are about 15 per cent less fit than their parents were at the same age.

**Professor Sanjay Garg** (School of Pharmacy & Medical Sciences) and **Dr Natasha Howard** (School of Health Sciences) secured an Australia-India Fellowship from the Australian Academy of Science.

## TEACHING AND LEARNING

The University launched its new **School of Population Health** in 2012, to consolidate and advance its already significant programs for training higher degree by research students in the analysis of complex population data. This research is used to inform health and social policy, and to develop and evaluate interventions that improve community health and wellbeing.

The first cohort of students completed the newly established joint **Bachelor of Medical Science** program offered through the University of South Australia and the Australian National University (ANU). This collaboration was supported by the Commonwealth Government, with students able to complete their second or third year of study at the ANU with the aid of scholarship support.

The Division also continued its focus on enhanced collaboration with industry partners, and attracted more than \$3 million in funding from Health Workforce Australia to support clinical placements and infrastructure. As a result, the University was able to begin construction of its new **Student Learning Centre** located next to the Lyell McEwin Hospital in Adelaide's rapidly growing northern suburbs.

A successful joint university submission to the Department of Health and Ageing enabled our students to experience an Australian-first in **Virtual Environment Radiotherapy Training (VERT)** during 2012. The facility helps students to be best prepared for clinical practice by training them in a safe and controlled environment. VERT provides a three-dimensional stereoscopic display of a radiation treatment room, allowing the demonstration of treatment techniques in cancer therapy which, in turn, enables a better understanding of treatment concepts for students.

To support our **Dietetics and Food Sciences** students, the Division installed a commercial kitchen to be primarily used for research by Master

In 2012, the Division's total student numbers swelled to more than 7,300, the largest health sciences student cohort in UniSA's history.

of Dietetics postgraduate students. Further investment was also made to transform traditional learning facilities, thereby integrating experiential learning capabilities into existing lecture theatres and tutorial spaces. This investment aims to foster enhanced learning through flexible learning spaces and increased information and communications technology, and will help enrich the student learning experience and encourage collaborative learning spaces.

## COMMUNITY ENGAGEMENT

The Division's **Mobile Allied-Health Clinic** continued to provide students with the opportunity to participate in a range of health-related activities in a variety of locations, such as schools, shopping centres, aged care facilities, homeless shelters, community and sporting events and rural areas. The Clinic provides practice-based learning experiences for students, and activities that are focused on supporting

disengaged communities. The initiative enables students to practice clinical and communication skills while promoting health and life skills.

In collaboration with the Komar Pikar Foundation (a Cambodian non-government organisation), the University established the **KPF-UniSA-InterPART Project** in 2012. It is a collaboration between the School of Health Sciences and two community-based organisations – InterPART (International Partners in Action, Research and Training from Australia) and the Komar Pikar Foundation. The project aims to build capacity among Komar Pikar Foundation staff through the provision of ongoing University of South Australia occupational therapy student placements that focus on community-based rehabilitation.

Both of these projects were honoured in the University's 2012 **Chancellor's Awards for Community Engagement**.



# Division of Information Technology, Engineering and the Environment

The Division of Information Technology, Engineering and the Environment offers educational and research programs in a range of disciplines, including information technology, engineering, environmental management and sustainability, built environment, civil aviation, computer and project management, science and mathematics.

During 2012, the Division continued its review and consolidation of activities which resulted in the formation of a new organisational structure to take effect from 1 January 2013. It includes two new schools and encompasses the Ian Wark Research Institute and the Institute for Telecommunications Research.

Among the highlights of 2012 was the opening of the new, state-of-the-art Materials and Minerals (M<sup>2</sup>) Science Building which was formally launched in conjunction with a major industry symposium on August 6.

## KEY APPOINTMENTS

In addition to senior staff highlighted on pages 27–28 of this report, the Division was pleased to make the following key appointment during 2012:

**Professor Nanda Nandagopal**, Dean: International and Chair of Defence Systems (previously Deputy Chief Defence Scientist, Defence Science and Technology Organisation)

**Professor Javaan Chahl**, Professor of Sensor Systems, Defence and Systems Institute (previously lead researcher for unmanned aerial vehicles corporate enabling research program at Defence Science and Technology Organisation)

## RESEARCH

In the **Excellence in Research for Australia** (ERA) results released in 2012 (detailed page 29), the Division achieved world-class standard or above for its assessed research in the specific fields of:

Among the highlights of 2012 was the opening of the new, state-of-the-art Materials and Minerals (M<sup>2</sup>) Science Building.



- Physical chemistry (including structural)
- Resources engineering and extractive metallurgy
- Mechanical engineering
- Environmental science and management
- Materials engineering
- Applied mathematics
- Artificial intelligence and image processing
- Civil engineering
- Distributed computing
- Electrical and electronic engineering
- Information systems
- Pure mathematics

**The Barbara Hardy Institute** won a grant from the Australian Solar Institute to work on a testing facility for storing heat from solar energy at high temperatures (up to 1,000°C).

**Professor Wasim Saman** will lead the project that will put the Institute at the forefront of storage research for concentrating solar power technologies internationally.

The National Centre for Excellence in Desalination Australia (NCEDA) has provided further funding to the **SA Water Centre for Water**

**Management and Reuse** at Mawson Lakes for a graphene electrode project for inland brackish water desalination by capacitive deionisation process. NCEDA has also approved funding to the project of Forward Osmosis as a low energy and high efficiency pre-treatment process for seawater RO desalination, and the total new funding to the research by the University's **Professor Linda Zou** is \$450,000.

UniSA's **Unmanned Aerial Vehicle (UAV)** made its first successful flight on 21 April, 2012. This project, funded by the Sir Keith and Sir Ross Smith Fund and led by **Dr Romeo Marian** and **Associate Professor Fared Christo**, aims at developing a novel thrust augmentation system for long-range UAV applications. This vehicle will provide a platform for testing various propulsion systems and enabling sensors and surveillance systems to be evaluated.

## TEACHING AND LEARNING

The Division launched its **Associate Degree in Engineering** through Open Universities Australia (OUA) and 600 students commenced study in the program during 2012.

**Associate Professor John Fielke** (School of Advanced Manufacturing and Mechanical Engineering) was awarded a \$471,000 Technology Enhanced Learning Grant for the project 'Creating an innovative online engineering degree through OUA' that will create a fully online version of the Bachelor of Engineering (Mechanical) to be offered through OUA from 2014.

The second **Southern Hemisphere Summer Space Program**, a collaboration between UniSA and the International Space University, was held at Mawson Lakes in January/

February 2012 with 34 participants from 12 countries. UniSA received a PhD application from an international student following the program.

The University's new **Aviation Academy** facilities at Parafield were officially opened by the Hon Patrick Conlon, State Minister for Transport and Infrastructure and Minister for Housing and Urban Development.

**Dr Elena Sitnikova** was a member of one of three teams to win Learning and Teaching Grants awarded by the Australian Council of Deans for Information and Communications Technology (ACDICT) Learning and Teaching Academy (ALTA) in 2012.

#### COMMUNITY ENGAGEMENT

The Division has been working in conjunction with **UniSA College** on a number of projects in order to raise the profile of science and mathematics in the community:

- **The Teach SA (Retrain)** program in collaboration with the **School of Education** to up-skill teachers who are currently teaching senior mathematics, physics or chemistry without qualification and provide them with accredited courses that lead to a Graduate Certificate of Education



At the opening of the new M<sup>2</sup> Building at Mawson Lakes in August 2012 (l to r): Professor Andrew Parfitt, Lee Odenwalder MP (State Member for Little Para), Senator Chris Evans, Professor Peter Hej.

- Two full day **Maths Experience** programs with top Year 11 maths students from northern and western Adelaide region schools. The students participated in hands-on mathematics workshops, attended research-oriented talks and spoke with people who use mathematics in their careers
- An **Electronics Workshop** for 212 secondary school students to provide an introduction to electronics and micro-controller programming

#### ACHIEVEMENTS AND APPOINTMENTS – STAFF AND STUDENTS

**Dr Russell Brinkworth** (School of Electrical and Information Engineering) won an SA Young Tall Poppy Award.

Dr Brinkworth works with a team of postgraduate and undergraduate students in the fields of robotics and biologically inspired artificial vision with significant and wide ranging applications.

**Dr Frank Bruno, Dr Martin Belusko and Mr Steven Tay** (Barbara Hardy Institute) won the Excellence in Heating, Ventilation, Air Conditioning and Refrigeration Research for their work on 'High performing low cost thermal storage with phase change materials' at the annual Australian Institution of Refrigeration, Air-conditioning and Heating awards.

**Associate Professor Kutluyil Dogancay** (Assistant Dean, Research Education) was elected to the Signal Processing Theory and Methods Technical Committee of the IEEE Signal Processing Society for a further three years (from January 2012).

**Professor Andrew Parfitt** (Pro Vice Chancellor: Division of ITEE until December 2012) was reappointed by the Australian Academy of Science as Chair of the National Committee for Radio Science until 31 December 2013, and appointed as a Director of the CRC for Contamination Assessment and Remediation of the Environment (CRC CARE).



## ITEK Ventures Pty Ltd – the University’s technology commercialisation office

ITEK Ventures’ (ITEK) mission is to create business opportunities through research and innovation that generate commercial returns and have a positive impact on society and the reputation of the University of South Australia.

The ITEK team consists of highly qualified and multidisciplinary professionals with experience and expertise in business development, research, IP management, licensing, finance and law.

The company structure enables it to act quickly and decisively to capitalise on opportunities with the aim of maximising the benefit for UniSA and other parties involved. Key services include:

- Commercial assessment and development of Intellectual Property (IP)
- IP advice and protection
- Planning and strategy development
- Funding support and industry engagement
- Technology licensing and company formation
- Investment advice and capital raising

In 2012, ITEK received 70 invention disclosures to assess for commercial potential and more than \$500,000 of funding was committed to support the commercial development and protection of University intellectual property. ITEK also assisted in supporting more than \$3.2 million of contract research and development and grant applications for the University, and it delivered seven commercialisation presentations/workshops for UniSA staff.



(from 2nd left) ITEK’s Commercial Manager Dr. Stephanie Agius, and Tina Holmes and Dr. Jane Warland (from UniSA School of Nursing and Midwifery) meet with industry partners Associate Professor David Morris (left) and Anthony Ramos (far right) from IntelliLearn Pty Ltd.

In addition, ITEK reported a number of commercialisation successes during the year through its investee companies and technology portfolio, including:

**ITEK spin-out company Cohda Wireless Pty Ltd** successfully raised \$9.5 million in investment. Strategic investors in this round included global giants Cisco Systems (NASDAQ: CSCO) and NXP Semiconductors (NASDAQ: NXPI) who will, with Cohda, apply their collective expertise and technologies to manufacture and market car-to-car communications devices worldwide, which will increase driving safety and improve traffic flows.

**Ms Tina Holmes and Dr Jane Warland** from UniSA’s School of Nursing and Midwifery have developed an eLearning course in collaboration with St Andrew’s Hospital targeted at compliance training in the critical area of clinical patient handover. IntelliLearn Pty Ltd, a leader

in on-line education in clinical health practice, is hosting and marketing the course to health service providers throughout Australia and New Zealand. The University will receive royalties on sales of the licensed product.

In addition to ITEK’s commercial achievements, the organisation also welcomed new staff members including **Dr JC Tan** and **Peter Harriss** (Commercial Managers), **Anette Nydén** (Commercial Associate) and **Philipp Dautel** (Marketing Officer).

During 2012, ITEK also updated its corporate design and launched a new company website to increase the awareness of ITEK being one of the leading technology commercialisation offices in Australia.

The new website, more information about ITEK and the latest news can be found at [www.itek.com.au](http://www.itek.com.au).



GOVERNANCE  
AND  
MANAGEMENT

47

## Members of Council

The University Council consists of a maximum of 16 members, of whom 10 are from outside the University, and six internal. External members (including the Chancellor) are appointed or co-opted on the basis of their expertise and commitment to the University's objectives.

Internal members include the Vice Chancellor, two student representatives, one professional staff member, one academic staff member, and the Chair of Academic Board. Council appoints one of its external members as Chair of each of its standing committees, apart from Academic Board. The Chair of Academic Board is elected by the academic staff.

The University of South Australia Act stipulates that the University will have a Chancellor and Deputy Chancellor, and may appoint up to two Pro Chancellors.

The Chancellor is the presiding member of the Council.

### CHANCELLOR

#### Dr Ian Gould AM

BSc(Hons) PhD FTSE FAUSIMM  
CompIEAust MAICD

Dr Ian Gould has been Chancellor of the University since July, 2008. He is a geologist with 40 years' experience in the minerals industry, including working for the CRA and Rio Tinto Group as Managing Director Australia, and for Normandy Mining Ltd as Group Managing Director. He has extensive experience in corporate governance having served, mainly as Chair, on a range of boards including the Australian Institute of Marine Science, the CSIRO Minerals Sector Advisory Committee, the South Australian Resources Industry Development Board, the Royal Flying Doctor Service and St Andrew's Hospital. He is also a member of the South Australian Economic Development Board. Ian was made a Member of the Order of Australia (AM) in the 2011 Queen's Birthday Honours for service to the mining industry, particularly as a proponent of environmental

management, to education in his role as Chancellor of UniSA, and to the community. His term as Chancellor expires in January 2014. In 2012, Ian was appointed Chair of the University Chancellors' Council.

### DEPUTY CHANCELLOR

#### Dr Wendy Craik AM

BSc(Hons) PhD GradDipMgmt DUniv  
FTSE FAICD

Dr Wendy Craik was appointed full-time commissioner with the Productivity Commission in 2009. Prior to this, Wendy was Chief Executive of the Murray-Darling Basin Commission, President of the National Competition Council, and Chair of the Australian Fisheries Management Authority and the National Rural Advisory Council. She is also the Chair of the Australian Rural Leadership Foundation and been a member of other boards and advisory councils. Wendy was made a Member of the Order of Australia (AM) in 2007 for her contribution to natural resource management and rural policy. Her term as Deputy Chancellor expires in March 2014.

### PRO CHANCELLOR

#### Terry Evans

LLB LLM

Terry Evans is Special Counsel for Minter Ellison Lawyers, Adelaide. He was the Deputy Chief Executive and Acting Chief Executive for South Australia's Justice Department and Attorney-General's Department from 2004 to 2006, and was Chief Commercial Counsel in the Crown Solicitor's Office from 1996 to 2004. Prior to that, Terry was a partner with Minter Ellison and was the firm's Managing Partner for several years. He holds several board positions in the corporate, government and not-for-profit sectors. Terry's term as Pro Chancellor expires in December 2013.

### APPOINTED MEMBERS

- Pauline Carr BEc MBA, FAICD, FCIS
- Bill Cossey AM BSc FAIM (until 31 December 2012)
- Tanya Hosch (until 16 August 2012)
- Bruce Linn BSc FAICD FACS IEA
- Paula Nagel BA(Hons) DipT Sec FAICD
- Corinne Namblard MPolSc (from 1 January 2012)
- Professor Leanna Read BAgSc(Hons) PhD FTSE FAICD

### ELECTED STUDENT MEMBERS

- Melissa Davies (until 31 December 2012)
- Matthew Walton (from 1 January 2012)

### ELECTED ACADEMIC STAFF

- Professor Drew Dawson BA PhD (until 6 January 2012)
- Associate Professor Pat Buckley BSc(Hons) PhD (from 7 January 2012)

### ELECTED PROFESSIONAL STAFF

Carol Sutherland BA(CommSt)  
GradDip(SocSc) (from 1 January 2012)

### EX-OFFICIO

- Professor Peter Høj MSc PhD DUniv (honoris causa) FTSE (until 7 September 2012)
- Professor Joanne Wright BA(Hons) M.Litt PhD (from 8 September 2012)

### CHAIR OF ACADEMIC BOARD

Professor Rick Sarre LLB MA  
(Criminology) SJD (from 1 January 2011)



Back row (l to r): Corinne Namblard, Professor Rick Sarre, Bill Cossey, Pauline Carr; third row (l to r): Matthew Walton, Paula Nagel, Melissa Davies, Associate Professor Pat Buckley; second row (l to r): Professor Leanna Read, Carol Sutherland, Bruce Linn; front row (l to r): Professor Peter Hoj, Tanya Hosch, Dr Ian Gould AM, Dr Wendy Craik AM, Terry Evans.

# Legislative requirements

UniSA is governed by the **University of South Australia Act 1990**. Under sections 4–6 of the Act, the University is constituted as a body corporate with the usual associated powers. It has a seal, and it may sue and be sued in its corporate name.

## THE UNIVERSITY'S FUNCTIONS

Under the Act, the University's functions are to:

- preserve, extend and disseminate knowledge through teaching, research, scholarship, consultancy or any other means
- provide tertiary education in such disciplines and areas of study as the University thinks appropriate to meet the needs of industry, commerce, the professions or any other section of the community
- provide such tertiary education programs as the University thinks appropriate to meet the needs of Australia's Indigenous people
- provide such tertiary education programs as the University thinks appropriate to meet the needs of groups within the community whom the University considers have suffered disadvantage in education
- provide educational programs for the benefit of the wider community or programs for the enhancement of the diverse cultural life of the community, as the University thinks fit
- foster and further an active corporate life within the University
- perform any functions ancillary or incidental to the functions referred to above
- strive for excellence in teaching and research, and to attain the highest standards in education

## THE UNIVERSITY'S POWERS

The powers of the University, described in Section 6 of the Act, may be exercised inside or outside South Australia and Australia. For example, the University may:

- enter into contracts
- acquire, hold, dispose of, and deal with property
- confer academic awards jointly with another university or registered training organisation

## UNIVERSITY COUNCIL

Under Section 10 of the Act, the University Council is responsible for the accountability and control of University affairs. The Act also defines financial responsibilities and specific matters on which statutes can be made. The Council must, in all matters, endeavour to advance the interests of the University.

## GOVERNANCE ASPIRATIONS

The Act establishes a framework for the administration of the University. Within this framework the Council, the Vice Chancellor (with delegated authority from the Council) and members of senior management seek to provide effective and ethical organisational leadership, consistent with recognised best practice in governance.

As part of its commitment to good governance practice, the Council has adopted a code of conduct for its members. This code is contained in the Council Handbook which documents procedures, roles and responsibilities. It is reviewed and updated annually. Each year, members of Council complete and update a register of interest as a probity measure. The Council also conducts an annual evaluation of its performance.

## COUNCIL RESPONSIBILITIES

Council's main responsibilities are assigned in part 3 of the Act. They include:

- appointing the Vice Chancellor as Chief Executive Officer of the University
- approving the mission and strategic direction of the University, as well as the annual budget and business plan
- overseeing the management and performance of the University
- establishing policy and procedural principles consistent with legal requirements and community expectations
- approving and monitoring systems of control and accountability, including general overview of any entities controlled by the University
- overseeing and monitoring the assessment and management of risk across the University, including commercial undertakings
- overseeing and monitoring academic activities across the University
- approving significant commercial activities of the University

## COUNCIL SECRETARIAT

The Council and its subcommittees are supported by a secretariat located in the Chancellery (City West). The principal manager of information to and from the Council is the Director: Council Services and Chancellery, Dr Penny Moore.

## Council committees

The Council has nine standing committees. The performance and effectiveness of each committee is considered as part of Council's annual review process. These committees are:

- Academic Board
- Audit and Risk Management Committee
- Finance Committee
- Foundation Committee
- Governance and Legislation Committee
- Honorary Awards Committee
- Immediate Business Committee
- Senior Academic Promotions Committee
- Senior Remuneration Committee

Academic Board has three functions:

- to act as a forum for the debate of university-wide academic issues
- to oversee academic quality assurance processes
- to provide input into the corporate planning process through the review of priorities and parameters for the annual Corporate Plan

It is Council's primary academic advisory body, and is responsible for the quality of the University's teaching, learning and research. Academic Board has five committees:

- Academic Standards and Quality Committee
- Research Degrees Committee
- Research Integrity, Accountability and Compliance Committee
- Research Policy Committee
- Teaching and Learning Committee

The Boards of the University's divisions – Business; Health Sciences; Education, Arts and Social Sciences; and Information Technology, Engineering and the Environment – report to Academic Board.

### Audit and Risk Management Committee

The main function is to assist the Council in exercising due care, diligence and skill in discharging its oversight and monitoring responsibilities. It plays a key role in overseeing external and internal audit functions, risk management processes and legislative compliance.

**Finance Committee** is responsible for providing expert advice to Council on the University's current year financial performance, as well as the financial implications of future plans. It reviews the University's draft budget before it is considered by Council, and receives regular financial reports.

**Foundation Committee** oversees University philanthropic policies, and the management and administration of funds received.

### Governance and Legislation Committee

The main function is to provide advice and recommendations to Council on matters relating to issues of governance, and membership of Council. It is also responsible for reviewing the University of South Australia Act 1990, statutes and by-laws, and for advising Council of any related matters.

**Honorary Awards Committee** recommends honorary awards for Council to consider. These awards acknowledge individuals who have made significant and eminent contributions to scholarship, professional practice, and the University and its community.

The University bestows three types of awards:

- Honorary Degree of Doctor of the University (DUniv)
- University Fellow (FUniSA)
- Emeritus Professor

**Immediate Business Committee** is delegated by Council to carry out the powers and functions of Council when it is not sitting, or when there is a delay in matters to be considered by Council. Any decisions of the committee are reported to the next meeting of Council.

**Senior Academic Promotions Committee** assesses the merit of applicants applying for academic promotion to the positions of Associate Professor/Associate Research Professor and Professor/Research Professor, and makes recommendations to Council in relation to these applications.

**Senior Remuneration Committee** has delegated authority to determine remuneration packages for the Vice Chancellor and the senior management of the University.

### COMMITTEES ESTABLISHED AS REQUIRED

- Academic Staff Appeals Committee
- Joint Consultative Committee
- Misconduct Appeals Committee
- Penalty Appeals Committee
- Professional Staff Appeals Committee
- Student Appeals Committee

# Administration

## THE VICE CHANCELLOR

The Vice Chancellor and President is the University's chief executive officer, and is responsible for its management and administration. The Vice Chancellor is appointed by, and reports to, University Council, which delegates to the Vice Chancellor a range of powers and functions. The Vice Chancellor, in turn, authorises appropriate staff to manage the University's affairs. The responsibilities of each type of management position are detailed in the Vice Chancellor's Authorisations (see our website [www.unisa.edu.au/policies/policies/corporate/C32.asp](http://www.unisa.edu.au/policies/policies/corporate/C32.asp))

## SENIOR MANAGEMENT

The University's senior managers are the Deputy Vice Chancellors, Pro Vice Chancellors and Chief Operating Officer. With the Vice Chancellor, they form the Senior Management Group which meets regularly and provides advice to the Vice Chancellor on operational and policy matters. Senior managers lead the University's academic divisions or co-ordinating portfolios.

Our flat senior management structure was adopted in 1998 and supports communication, teamwork and collegiality. It has allowed us to plan and implement rapid change because the leaders of all significant functions have been party to discussions and decisions. Collaboration and a commitment to good outcomes for UniSA as a whole are emphasised in recruitment and performance management processes for senior managers.

## ACADEMIC DIVISIONS

Teaching and most research is delivered by schools, research institutes and research centres within the University's four academic divisions, each of which is led by a Pro Vice Chancellor. Senior staff who report to each Pro Vice Chancellor include heads of schools, deans, division directors/managers and, in most divisions, research institute directors.

Academic programs are primarily delivered by schools within each division. Schools also contain research centres and groups and, in the case of the School of Marketing, a research institute.

Deans provide cross-division leadership of teaching and learning, research and research education, as well as other functions such as international and external relations.

The position of dean carries a responsibility to implement University policy in key areas, and deans liaise closely with the relevant portfolio senior managers. Division directors/managers are responsible for administrative functions including business development, academic and financial administration, marketing, and human resources planning and coordination.

Each research institute and centre is required to have an active advisory board which includes key external stakeholders in order to provide regular advice to the director. Each institute advisory board reports annually to the University's Research Policy Committee, and the relevant senior manager.

## PORTFOLIOS

University-wide administrative and academic support units are grouped into portfolios to facilitate coordination and management. Through staff development activities and performance management processes, UniSA has sought to develop a strong service culture, and shared responsibility for complex outcomes across organisational and physical boundaries.

## FREEDOM OF INFORMATION

The Freedom of Information Act 1991 gives individuals a legally enforceable right to access documents held by South Australian universities, subject to certain restrictions. UniSA strives to be an open and accountable organisation in accordance with the Act. During 2012, we received eight applications to access records under the Act. Four of the applications resulted in the full release of the requested documents. In relation to the other four applications, the requested information could not be located within the University's records.



### RISK MANAGEMENT

The University Council's Risk Management Policy establishes principles to ensure that risk management is integral to all processes, helps to achieve objectives, and contributes to ongoing performance improvement.

Key elements of the framework include:

- the maintenance and reporting of risk registers that identify key risks at organisational unit level
- the maintenance and reporting of a university-wide risk register
- the systematic risk assessment of all projects
- a systematic approach to the identification, assessment and audit of legislative risk
- annual risk assessments of all controlled, associated and partly-owned entities

We maintain our capacity to respond appropriately to crises through a framework of trained emergency response groups, and a high-level crisis management committee. In addition, management annually certifies to Council that the University risk management and internal compliance and control systems are operating effectively in all material respects. This certification is supported by a process involving questionnaires on control and risk management that are completed by all senior managers and major organisational units.

## Senior Management Group





*Back row (l to r): Professor Andrew Parfitt, Professor Allan Evans, Professor Pal Ahluwalia, Nigel Relph, Paul Beard, Professor Gerry Griffin;  
front row (l to r): Professor Sakkie Pretorius, Professor Peter Høj, Professor Joanne Wright.*

## Senior Management Group

### VICE CHANCELLOR AND PRESIDENT



**Professor Peter Høj** (MSc PhD DUniv FTSE) was appointed Vice Chancellor and President of UniSA on 1 June, 2007. He was educated at the University of Copenhagen, majoring in biochemistry and chemistry, and has a Master of Science in biochemistry and genetics, a PhD in photosynthesis, and an Honorary Doctorate from the

University of Copenhagen. He serves as Deputy Chair and Lead Vice-Chancellor Research of Universities Australia, is a board member of CSIRO and a member of the Australian Qualifications Framework Council.

Peter has also served as a private member of the Prime Minister's Science Engineering and Innovation Council (PMSEIC) from 1999-2004, and as an ex-officio member from 2006-2007. He is a Fellow of the Australian Academy of Technological Sciences and Engineering and a Foreign Member (Natural Sciences Class) of The Royal Danish Academy of Sciences and Letters.

Peter was appointed Vice Chancellor and President of University of Queensland in April 2012, and took up his appointment in October.

### DEPUTY VICE CHANCELLOR AND VICE PRESIDENT: ACADEMIC

#### ACTING VICE CHANCELLOR AND PRESIDENT (SEPTEMBER 2012–JANUARY 2013)



**Professor Joanne Wright** (BA(Hons) M.Litt PhD) joined UniSA in 2010 from the University of Sussex, where she was Pro Vice Chancellor: Education. During her time at Sussex, she successfully led the drive to improve teaching and learning indicators, especially student satisfaction. Joanne has held teaching and research positions at UK and

Australian universities, has taught extensively at undergraduate and postgraduate levels, and published numerous books and articles on various aspects of state and sub-state security. In 2011 she was appointed a foundation member of the Higher Education Standards Panel.

### DEPUTY VICE CHANCELLOR AND VICE PRESIDENT: RESEARCH AND INNOVATION



**Professor Sakkie Pretorius** (BSc(Agric) (Hons) MSc(Agric) PhD) joined the University of South Australia in December, 2011 from the Australian Wine Research Institute where he held the positions of Managing Director and Chief Executive Officer. Sakkie began his career as biological sciences researcher at South Africa's Stellenbosch University,

and also at New York's Albert Einstein College of Medicine. He was appointed Director of South Africa's Institute for Wine Biotechnology, and was an Alexander von Humboldt Fellow at the Max Planck Institute for Biophysical Chemistry in Germany. From 1996–2002, he also held a part-time professorship at the Catholic University of Leuven in Belgium.

### CHIEF OPERATING OFFICER



**Paul Beard** (BA (Accountancy) CA) has been at the University since 2001. He has worked with the 'big four' accounting firms in Australia and England, and has held senior finance roles in the private and public sectors. He is a chartered accountant and completed the Advanced Management Program at the Harvard Business School in 2007. Paul is a board

member of Open Universities Australia.

### PRO VICE CHANCELLOR AND VICE PRESIDENT: INTERNATIONAL AND DEVELOPMENT



**Nigel Relph** (BA(Hons) MA MCIPR) commenced with the University of South Australia in 2010. Before joining the University, he was Director: Corporate Affairs at Queen Mary, University of London for five years having held related senior positions at that institution since 2000. Nigel previously held senior positions at the Universities of Warwick

and Birmingham. He also worked as Academic Director of a private education group in Malaysia, and ran a newspaper publishing company. Nigel began his career as an academic historian, and held teaching posts at the Universities of Lancaster and Liverpool. He is a board member of Education Adelaide and Education Australia.

**PRO VICE CHANCELLOR AND VICE PRESIDENT: BUSINESS**

**Professor Gerry Griffin** (B.Com(Hons) MBS PhD) joined the University in 2004 from Monash University, where he was Professor of Industrial Relations and Director of the ARC-funded National Key Centre in Industrial Relations. Gerry is both an acknowledged expert and prolific author in the research areas of industrial relations at the workplace level, enterprise bargaining, and international aspects of unionism. He has worked in industrial relations in the public and private sectors, and has extensive consulting experience with a wide range of national and international organisations. He is also a regular Chair and member of review panels for the European Quality Improvement System (EQUIS), the most prestigious international accreditation for business schools.

**PRO VICE CHANCELLOR AND VICE PRESIDENT: EDUCATION, ARTS AND SOCIAL SCIENCES****ACTING DEPUTY VICE CHANCELLOR AND VICE PRESIDENT: ACADEMIC (SEPTEMBER 2012–JANUARY 2013)**

**Professor Pal Ahluwalia** (BA(Adv) MA PhD FASSA) has been Pro Vice Chancellor of the Division of Education, Arts and Social Sciences since 2008. Pal's main research interests lie in the areas of African studies and social and cultural theory. His work is widely published and internationally renowned for breaking down disciplinary boundaries and challenging orthodoxy. In 2008, Pal was appointed Chair in Transnational Diasporas and Reconciliation Studies for the United Nations Educational, Scientific and Cultural Organization (UNESCO).

**PRO VICE CHANCELLOR AND VICE PRESIDENT: HEALTH SCIENCES**

**Professor Allan Evans** (BPharm PhD) has been Pro Vice Chancellor and Vice President: Health Sciences since 2009, and an academic at UniSA since 1992 holding various leadership positions, including Professor in Pharmaceutics (since 2003). Allan became Head of the School of Pharmacy and Medical Sciences in 2004, and was instrumental in establishing the Sansom Institute (now the Division-based Sansom Institute for Health Research) and in supporting the School's growth in research activity and teaching profile. Allan was awarded the 2010 Australasian Pharmaceutical Science Association Medal, the association's highest honour, in recognition of his significant and lasting contribution to the pharmaceutical sciences and pharmacy practice in Australasia.

**PRO VICE CHANCELLOR AND VICE PRESIDENT: INFORMATION TECHNOLOGY, ENGINEERING AND THE ENVIRONMENT (UNTIL DECEMBER 2012)**

**Professor Andrew Parfitt** (BE(Hons) PhD FIEAust) was appointed Pro Vice Chancellor and Vice President: Division of Information Technology, Engineering and the Environment in 2007. He has an international reputation and an outstanding career as a specialist in antenna and radio systems and, more recently, in areas relating to space science and technology. He served as a board member of the Defence Teaming Centre, and the Technology Industry Association, a member of the Space Industry Innovation Council, Chair of the Australian Academy of Science National Committee for Radio Science, a director of the Cooperative Research Centre for Contamination Assessment and Remediation of the Environment, and is a Fellow of Engineers Australia. In December 2012, Andrew took up the role of Deputy Vice Chancellor: Academic at University of Newcastle.

**ACTING PRO VICE CHANCELLOR AND VICE PRESIDENT: INFORMATION TECHNOLOGY, ENGINEERING AND THE ENVIRONMENT (DECEMBER 2012)**

**Associate Professor Brenton Dansie** (BSc (Hons) PhD) has been an academic at UniSA (and its antecedent institutions) since 1984, when he began as a lecturer at the South Australian Institute of Technology. He was appointed Head of School of Mathematics in 1998, and the following year began in the role of Dean of Teaching and Learning: Division of Information Technology, Engineering and the Environment. He also served as Acting Pro Vice Chancellor, Access Learning and Support in 2004 and Acting Pro Vice Chancellor and Vice President: ITEE during 2011.

# Staff development

## STAFFING SNAPSHOT

Total full-time equivalent (FTE) staff employed by the University in 2012 (including casuals) was 3069, an increase of 5 FTE from 2011. Of the total FTE, 54 per cent were employed in continuing positions, 30 per cent held contract positions and 16 per cent were employed casually.

In 2012, women comprised 59 per cent of the University's workforce (excluding casuals), of which 47 per cent of academic staff and 68 per cent of professional staff were female. At senior levels, women remain under-represented with 29 per cent of academic women at Level D and above, 42 per cent of professional women at levels HEO10 and above and only 33 per cent of women represented on the senior staff collective agreement.

The University of South Australia remains committed to raising the proportion of Indigenous staff in its workforce to two per cent. In 2012, the percentage of staff that self-identified as Indigenous was 1.1 per cent. To help further increase Indigenous staff numbers the University has closely examined the skill profile of the Indigenous workforce and pathways to professional employment and, as a result of this analysis, established an Indigenous graduate employment program.

This program runs for two years and will recruit two Indigenous graduates per year. Complementing the graduate initiative is a professional development fund which is available to Aboriginal and Torres Strait Islander staff to help fast track their professional development in the first three years of their employment.

## ACADEMIC PROMOTIONS

The University has engaged in a systematic review of key policies and practices that encourage and reward outstanding performance. In 2012, the University undertook widespread consultation to revise its academic promotion policy and guidelines to

incorporate recommendations arising from an extensive policy review carried out in 2011. The updated policy sets out principles that underpin a fair and transparent academic promotion process for all eligible academic staff. The policy was approved by the University Council for implementation in 2013.

## PERFORMANCE DEVELOPMENT AND MANAGEMENT

The University completed a major review and revision of the policies and procedures that govern, and the resources that support, the performance management and development of all staff. As a result, 2012 saw the implementation of a program of systematic compulsory training for all managers in effective application of the new performance management and development process.

## PROFESSIONAL EXPERIENCE PROGRAM

The University enlisted the services of Dr Belinda Probert, a recently retired Deputy Vice Chancellor from La Trobe University, to conduct a major review of its professional experience program. The program offers academic staff an opportunity to undertake an extended period of leave (usually six months) in order to enhance their knowledge, skills, teaching proficiency, research output, professional experience and performance within their discipline.

Professor Probert received submissions and met with staff in August 2012 as part of the review process. A final report with 20 recommendations was completed and submitted to the Acting Vice Chancellor in November, and will be the subject of further consultation during 2013.

## ANNUAL CLARE BURTON MEMORIAL LECTURE

As part of its collaboration with Australian Technology Network universities supporting the development

of women staff, under the Women's Executive Development (WEXDEV) banner, the University of South Australia hosts one of the annual national series of Clare Burton Memorial Lectures. The 2012 Lecture, presented by author and broadcaster Jane Caro and newspaper columnist Catherine Fox and entitled 'For Love' was among the most successful in the series' 12-year history and attracted more than 300 attendees.

## OCCUPATIONAL HEALTH, SAFETY, WELFARE AND INJURY MANAGEMENT

The University focused on further developing its Health Safety and Injury Management Policy and Strategic Safety, Wellbeing and Injury Management Plans to reflect improvements in practice within the institution and to prepare for the new legislative requirements of the Work Health and Safety Act 2012 (SA).

The University's overall performance against key health and safety indicators remained satisfactory. A particularly positive outcome was in average days lost per lost time injury. The University's result in 2012 was 6.8 days compared with the industry sector average of 24.4 days. This was also well below the University's expected target of 9 days. The University also completed a WorkCover evaluation in January 2012, which indicated continued improvement in our approach and performance.

## SERVICE IMPROVEMENT

The University's Service Improvement Project, undertaken over the past few years in a systematic analysis of business systems, workflows and professional staff deployment and support across the institution's four academic divisions, concluded its work at the end of 2012. The project has led to reforms in the quality and effectiveness of service delivery in a number of areas, made significant headway in integrating professional staffing structures and has provided clearer and more connected career pathways for professional staff.

FINANCIAL STATEMENTS

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*Design drawing of new Learning Centre at City West campus, where work commenced during 2012 with completion scheduled for late 2013. Image courtesy of John Wardle Architects and Phillips Pilkington Architects in association.*

# Statement of comprehensive income

FOR THE YEAR ENDED 31 DECEMBER 2012

	CONSOLIDATED		UNIVERSITY	
	2012	2011	2012	2011
	\$'000	\$'000	\$'000	\$'000
<b>Revenue from continuing operations</b>				
Australian Government financial assistance				
Australian Government grants	252,743	264,395	252,743	264,395
HECS-HELP – Australian Government Payments	91,700	84,408	91,700	84,408
FEE-HELP	8,998	7,438	8,998	7,438
SA-HELP	1,124	–	1,124	–
State and Local Government financial assistance	10,359	9,005	10,190	8,929
HECS-HELP – Student payments	12,896	12,811	12,896	12,811
Fees and charges	108,510	111,952	108,510	111,952
Investment revenue	18,040	20,995	17,750	19,994
Royalties	437	470	306	368
Consultancy and contract research	29,958	29,224	30,111	29,309
Other revenue	11,200	10,828	11,096	10,782
<b>Total revenue from continuing operations</b>	<b>545,965</b>	<b>551,526</b>	<b>545,424</b>	<b>550,386</b>
Gains/(losses) on disposal of assets	(553)	(192)	(556)	(253)
<b>Total income from continuing operations</b>	<b>545,412</b>	<b>551,334</b>	<b>544,868</b>	<b>550,133</b>
<b>Expenses from continuing operations</b>				
Employee related expenses	318,289	304,037	317,126	302,731
Depreciation and amortisation	31,683	29,275	31,662	29,261
Repairs and maintenance	10,443	9,303	10,442	9,302
Other expenses	151,909	136,422	152,808	135,562
Bad and doubtful debts	401	86	401	86
<b>Total expenses from continuing operations</b>	<b>512,725</b>	<b>479,123</b>	<b>512,439</b>	<b>476,942</b>
<b>Operating result before income tax</b>	<b>32,687</b>	<b>72,211</b>	<b>32,429</b>	<b>73,191</b>
Income tax expense	148	49	144	89
<b>Operating result attributable to members of University of South Australia</b>	<b>32,539</b>	<b>72,162</b>	<b>32,285</b>	<b>73,102</b>
Property, plant and equipment revaluation surplus:				
Gain/(loss) on revaluation of available-for-sale financial assets	915	(1,051)	915	(1,051)
<b>Total comprehensive income attributable to members of the University of South Australia</b>	<b>33,454</b>	<b>71,111</b>	<b>33,200</b>	<b>72,051</b>

The above Statement of Comprehensive Income should be read in conjunction with the notes to and forming part of the Financial Statements. A copy of the Financial Statements is available at <http://w3.unisa.edu.au/fin/resources/afs/default.asp>

# Statement of financial position

As at 31 DECEMBER 2012

	CONSOLIDATED		UNIVERSITY	
	2012	2011	2012	2011
	\$'000	\$'000	\$'000	\$'000
<b>Current assets</b>				
Cash and cash equivalents	294,031	261,616	288,036	255,887
Receivables	23,801	35,422	23,374	35,453
Deferred Government superannuation contribution	30,100	28,600	30,100	28,600
Other non-financial assets	13,080	12,557	13,064	12,557
<b>Total current assets</b>	<b>361,012</b>	<b>338,195</b>	<b>354,574</b>	<b>332,497</b>
<b>Non-current assets</b>				
Other financial assets	7,437	6,232	11,782	10,488
Property, plant and equipment	730,564	716,943	730,533	716,911
Deferred tax assets	153	60	–	–
Intangible assets	5,836	6,980	5,836	6,980
Deferred Government superannuation contribution	435,700	435,900	435,700	435,900
<b>Total non-current assets</b>	<b>1,179,690</b>	<b>1,166,115</b>	<b>1,183,851</b>	<b>1,170,279</b>
<b>Total assets</b>	<b>1,540,702</b>	<b>1,504,310</b>	<b>1,538,425</b>	<b>1,502,776</b>
<b>Current liabilities</b>				
Trade and other payables	29,258	29,048	28,957	28,831
Provisions	17,422	17,629	17,280	17,490
Current tax liabilities	859	739	762	718
Other liabilities	88,027	89,651	87,755	89,705
Provision for superannuation	30,100	28,600	30,100	28,600
<b>Total current liabilities</b>	<b>165,666</b>	<b>165,667</b>	<b>164,854</b>	<b>165,344</b>
<b>Non-current liabilities</b>				
Trade and other payables	5,814	5,365	5,814	5,365
Provisions	43,741	41,051	43,741	41,051
Provision for superannuation	435,700	435,900	435,700	435,900
<b>Total non-current liabilities</b>	<b>485,255</b>	<b>482,316</b>	<b>485,255</b>	<b>482,316</b>
<b>Total liabilities</b>	<b>650,921</b>	<b>647,983</b>	<b>650,109</b>	<b>647,660</b>
<b>Net assets</b>	<b>889,781</b>	<b>856,327</b>	<b>888,316</b>	<b>855,116</b>
<b>Equity</b>				
Reserves	160,625	159,710	160,625	159,710
Retained earnings	729,156	696,617	727,691	695,406
<b>Total equity</b>	<b>889,781</b>	<b>856,327</b>	<b>888,316</b>	<b>855,116</b>

The above Statement of Financial Position should be read in conjunction with the notes to and forming part of the Financial Statements. A copy of the Financial Statements is available at <http://w3.unisa.edu.au/fin/resources/afs/default.asp>

# Statement of cash flows

FOR THE YEAR ENDED 31 DECEMBER 2012

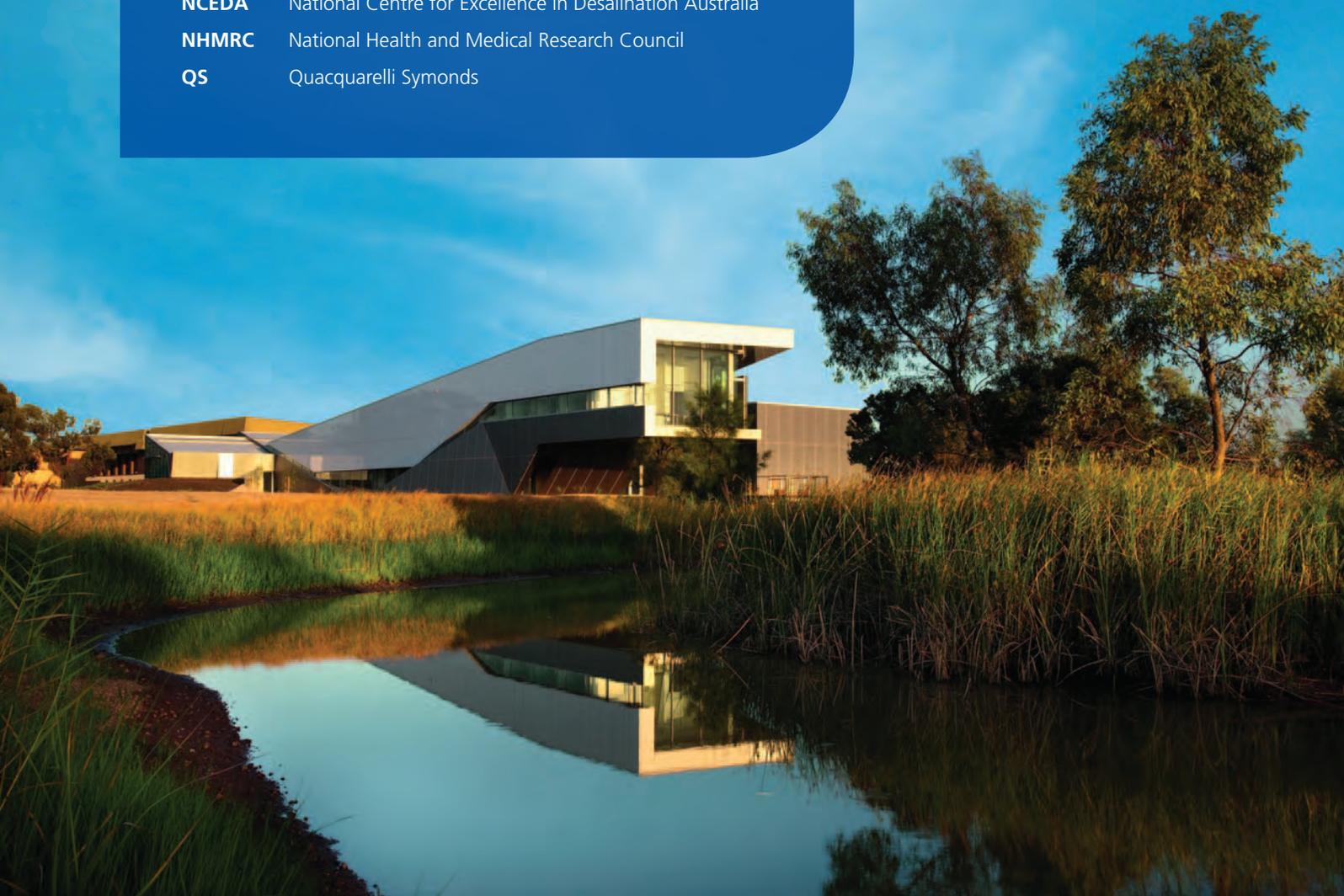
	CONSOLIDATED		UNIVERSITY	
	2012	2011	2012	2011
	\$'000	\$'000	\$'000	\$'000
<b>Cash flows from operating activities</b>				
Inflows:				
Australian Government grants received	362,818	373,489	362,818	373,489
OS-HELP (net)	60	(71)	60	(71)
Superannuation Supplementation	29,271	25,617	29,271	25,617
State and Local Government grants	10,040	7,858	9,871	7,782
HECS-HELP – Student payments	12,896	12,994	12,896	12,994
Receipts from student fees and other customers	117,054	119,673	116,883	119,371
Dividends received	2,027	5,013	2,027	18,024
Interest received	15,816	14,297	15,525	13,400
Royalties	437	469	306	368
Consultancy and contract research	30,574	25,492	31,098	25,679
Other receipts	15,898	30,841	15,700	30,734
GST recovered / paid	7,917	9,913	8,063	9,844
Outflows:				
Payments to suppliers and employees (GST incl)	(524,099)	(493,833)	(524,096)	(491,345)
<b>Net cash provided by / (used in) operating activities</b>	<b>80,709</b>	<b>131,752</b>	<b>80,422</b>	<b>145,886</b>
<b>Cash flows from investing activities:</b>				
Inflows:				
Proceeds from sale of plant and equipment	24	8	24	8
Proceeds from sale of investments	5	163	5	163
Outflows:				
Payments for property, plant and equipment	(47,937)	(83,816)	(47,916)	(83,797)
Payments for investments	(386)	(759)	(386)	(4,308)
<b>Net cash provided by / (used in) investing activities</b>	<b>(48,294)</b>	<b>(84,404)</b>	<b>(48,273)</b>	<b>(87,934)</b>
<b>Net increase / (decrease) in cash and cash equivalents</b>	<b>32,415</b>	<b>47,348</b>	<b>32,149</b>	<b>57,952</b>
<b>Cash and cash equivalents at the beginning of the financial year</b>	<b>261,616</b>	<b>214,268</b>	<b>255,887</b>	<b>197,935</b>
<b>Cash and cash equivalents at the end of the financial year</b>	<b>294,031</b>	<b>261,616</b>	<b>288,036</b>	<b>255,887</b>

The above Statement of Cash Flows should be read in conjunction with the notes to and forming part of the Financial Statements. A copy of the Financial Statements is available at <http://w3.unisa.edu.au/fin/resources/afs/default.asp>

<b>AGS</b>	Australian Graduate Survey
<b>APY</b>	Anangu Pitjantjatjara Yankunytjatjara
<b>CRC</b>	Cooperative Research Centre
<b>CSIRO</b>	Commonwealth Scientific and Industrial Research Organisation
<b>EFTSL</b>	Equivalent full-time student load
<b>EIA</b>	Excellence in Innovation for Australia
<b>ERA</b>	Excellence in Research for Australia
<b>FTE</b>	Full-time equivalent
<b>IP</b>	Intellectual property
<b>ISB</b>	International Student Barometer
<b>JNU</b>	Jawaharlal Nehru University
<b>NAIDOC</b>	National Aborigines and Islanders Day Observance Committee
<b>NCEDA</b>	National Centre for Excellence in Desalination Australia
<b>NHMRC</b>	National Health and Medical Research Council
<b>QS</b>	Quacquarelli Symonds

## ABBREVIATIONS

# 63





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