

2011 Part One | Annual Review | Annual Report



Life Impact | The University of Adelaide

Foreword from the Chancellor

This year marked a further two milestones in the University's \$400 million Building Life Impact campus development program. In March, Defence Minister, the Hon. Stephen Smith, officially opened the new flagship engineering building. The nine-level building, home to the Faculty of Engineering, Computer and Mathematical Sciences, was awarded the 6 Star Green Star Certificate by the Green Building Council of Australia and is Australia's first 6 Star Green Star education building.

In October, Federal Tertiary Education Minister, Senator the Hon. Christopher Evans, opened the new three-level learning hub for students known as Hub Central, which brings together learning and social spaces, including food and service retail outlets and student information services, creating a first port of call for all students. It also merges with the Barr Smith Library and provides new connections through to lecture theatres and across campus.

In March, 170 first-and second-year students from the earthquake-affected University of Canterbury in New Zealand were offered the chance to undertake their first-semester studies at the University of Adelaide. The students studied arts, commerce or sciences as part of their study abroad program. The support from the University staff, alumni and the Adelaide community for this initiative proved enormous.

For the first time since my appointment as Chancellor, I had the privilege of presiding over the Singapore graduation ceremonies in late March, and also delivering the graduation address at the Ngee Ann Polytechnic Convention Centre. Amongst the 150 students who graduated from the University's programs offered at the Ngee Ann - Adelaide Education Centre, there were five PhD students and 16 prize winners. My visit to Singapore also coincided with the Singapore Alumni Reunion, which provided an opportunity to meet fellow alumni.

The University's Bonython Hall was once again the venue for the April and September graduation ceremonies, celebrating the achievement of over 6000 students, including Australia's first Indigenous Rhodes Scholar, Rebecca Richards. Rebecca received her Bachelor of Arts with Honours in Anthropology. She was amongst a group of 28 Indigenous students who graduated in 2011.

Also during the graduation ceremonies, in recognition of their distinguished service, two long-serving members of the University community were admitted to the degree of Doctor of the University. The Hon. Dr John von Doussa AO QC was Chancellor from 2004–2010. A graduate in law from the University of Adelaide, he had a long and distinguished legal and judicial career that included the role of President of the Human Rights and Equal Opportunity Commission. During his time as Chancellor, his strong inclusive leadership, commitment to the principles of equity and community, and his status locally, nationally and internationally proved invaluable to the University.

Prominent South Australian businessman, Dr Ross Adler AC, served on the University Council for 11 years which included nine years as Chair of the Finance Committee and three years as Deputy Chancellor. Dr Adler's expertise and wide experience in business and finance played an important part in helping the University achieve a sound financial position.

This year several well-known members of the University community passed away: former long-serving Chair of the Finance Committee and Deputy Chancellor, the Hon. Samuel Jacobs AO QC; prominent philanthropist Dr Kym Bonython AC; former South Australian Supreme Court Judge, the Hon. Dr Ted Mullighan QC; and Emeritus Professor John Prescott and Emeritus Professor Angas Hurst AM, both from the School of Chemistry and Physics.

Amongst my other engagements, those of interest included: the James Crawford Oration delivered by controversial US Supreme Court Justice Antonin Scalia; the Don Dunstan Foundation Keynote Address, delivered by Prime Minister the Hon. Julia Gillard MP; the Adelaide Benefactors Circle Annual Dinner; two meetings of the University Chancellors' Council; the 2011 Annual Hawke Lecture, delivered by the Hon. Dame Silvia Cartwright, former governor of New Zealand; delivery of the Keynote Address at the National Biodiversity Forum; tours of various institutes at the University of Adelaide; launch of the Australian Research Council Centre of Excellence in Plant Cell Walls at the Waite Campus; the University's Open Day in August; the Distinguished Alumni Gala Dinner; and the 1961 Graduates' Golden Jubilee Celebration and Luncheon.

Finally, I would like to acknowledge all members of Council and its sub-committees and the staff of the Council Secretariat for their work during the year. It has been a privilege to work with such a dedicated group of individuals and I look forward with pleasure to the year ahead. Report of the Council of the University of Adelaide

For the period 1 January 2011 to 31 December 2011

To His Excellency, Rear Admiral Kevin Scarce AC CSC RANR

Governor of South Australia.

May it please Your Excellency, I have the honour to transmit to you the Report of the Council of the University of Adelaide for the period 1 January 2011 to 31 December 2011, furnished in compliance with Section 25 of the *University of Adelaide Act 1971* (1 June 2007).



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The Hon. Robert M. Hill Chancellor

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From the Vice-Chancellor and President

In my last Annual Report, it is fitting to reflect on the past decade of my tenure, as well as the most recent 12 months.

It has been a remarkable ten years. We have seen a dramatic turnaround of the University's financial situation driven by a strong growth strategy, from an operating loss of over \$6 million in 2001 to our current very sound position. Total student numbers have grown in this time by 70% and the numbers of international students have almost tripled so that today they make up almost 30% of our total student body and bring a wonderful multicultural element to Adelaide. Our research income has risen rapidly and the volume and impact of our research portfolio continues to grow at an astonishing pace.

The year saw continued growth in student numbers and revenue with considerable success in competitive research grants. Despite a strong Australian dollar, the Global Financial Crisis (GFC), changes to visa and migration regulations and increased competition from other countries, we have experienced a record international student intake. There is, however, little doubt that the international market is tightening.

We have invested heavily in staff development: examples of this include our inaugural Festival of Learning and Teaching, and infrastructure, with the completion and opening of the new student learning space, Hub Central, and ongoing construction of the science and research building, Illumin8.

We continue to place very high priority on a high-quality student experience and we are working hard to diversify our student body, extending our reach and influence and raising aspirations in new and traditionally under-represented communities. We are making a difference with initiatives in the northern suburbs such as our partnership with The Smith Family and new educational opportunities in the Spencer Gulf region, particularly in Port Augusta with TAFE collaborations in these regions and elsewhere. We now have over 200 pathways into our courses from TAFE qualifications, more than five times the number of pathways of just three years ago.

Focusing on students and research are obvious mainstays for a university but our growth in community engagement is something of which we are particularly proud. We have physically opened up the University to the community and we have warmly invited them to our campuses. We cannot underestimate the genuine sense of community goodwill and ownership, and in turn, our responsibility as an institution, to fulfil a social and cultural role in addition to research and education. There was no better example of this than our welcome to the University of Canterbury students for a semester of study following the Christchurch earthquake. This is exactly what a great university should be doing.

As we begin 2012, we face the intensely competitive higher education market produced by the new student demanddriven system and a host of associated new government requirements. Our ability to continue to attract the best students—from every school and region—is absolutely critical.

Being able to respond to student expectations and deliver an education that is seen to provide real value to them and to the workforce will become a point of difference for successful, forward-thinking universities like ours.

I have every confidence in the talent, drive and commitment of our staff in ensuring the University continues to grow and achieve. I thank the members of the Council, senior management, our affiliates and many volunteers and all our staff for their continuing dedication to research and teaching, which bring so much benefit to our community.



James A. McWha AO Vice-Chancellor and President

Mission, Vision and Values

Mission

To be recognised internationally as a great research university and an Australian leader in research and teaching excellence, committed to making a positive impact on the lives of our students, staff and alumni as well as the local, national and international communities.



Vision

The University of Adelaide will build upon its tradition of innovation through highimpact research and excellent teaching across a broad range of disciplines and professions. It will be a growing, internationally focused and financially sustainable institution, enterprising in its approach to new opportunities as they arise, and clear and consistent in its essential directions. It will provide a vibrant intellectual environment that will be satisfying for staff, rewarding for students, and engaging of the community, engendering a sense of pride in our contribution to contemporary society.



2011 At a Glance

Highlights of 2011

January

Nineteen out of 22 research discipline areas at the University of Adelaide are rated at or above world standard in the inaugural Excellence in Research for Australia (ERA) results

A record number of offers for places in degree programs go out to potential students, continuing the decade's rapid growth in student numbers

Two University of Adelaide health researchers are appointed Officers of the Order of Australia in the Australia Day Honours List for their outstanding service to medical research

February

Senator the Hon. Kim Carr, the Federal Innovation Minister, visits the campus to hand out the first free Apple iPads given to all first-year Science students, and to 'light up' the construction site for the University's new science and research building

More than 170 new students benefit from a total of \$2.3 million in scholarships awarded at a special presentation ceremony

Festival time hits the University of Adelaide with Adelaide Fringe events held across the campus and staff, students and graduates taking part in Fringe events around the city

March

The University offers support to students from the earthquake-affected University of Canterbury in Christchurch and just four days later, welcomes 170 students for a semester of study

Australia's first 6 Star Green Star education building, housing the Faculty of Engineering, Computer and Mathematical Sciences, is officially opened by Defence Minister, the Hon. Stephen Smith

New graduates from more than 12 countries attend the University's Singapore graduation ceremony and hear from the new Chancellor, the Hon. Robert Hill

Values

We will pursue excellence in all that we do.

We will act with fairness, integrity and responsibility.

We will respect the rights and responsibilities of freedom of inquiry and expression.

We will encourage innovation, creativity and breadth of vision.

We will be engaged with the local, national and international communities.



April

Nine top jazz students from the Elder Conservatorium of Music receive acclaim at South Australia's 2011 Jazz Awards

University health researchers lead an Australia-first program combining nursing services and technology, designed to improve the mental health and wellbeing of new mothers and infants

Thousands of students and their families celebrate graduation in 12 ceremonies in Bonython Hall

May

Industry and community-linked research at the University of Adelaide gets a \$4.3 million boost with Australian Research Council Linkage Project funding for 11 new research projects

The University seeks accreditation as South Australia's first Fair Trade university and official provider of Fair Trade certified products, such as coffee, tea, chocolate and sugar, across all campuses

A new brain tumour research lab opens to investigate the causes behind one of Australia's most aggressive and least understood cancers

June

The University is awarded a Sustainability Licence from South Australia's Environment Protection Authority (EPA), recognising the genuine commitment to reducing its impact on the environment

Four University of Adelaide staff are recognised nationally by the Australian Learning and Teaching Council for their outstanding contributions to student learning

University researchers lead an Australian-first study to reduce social isolation among older people, identified as one of the most serious mental and physical health risks facing the nation

July

The University of Canterbury students return home to Christchurch after a semester of successful study and tremendous hospitality from the Adelaide community

Students of vocational education and training will have improved pathways to higher education through agreements signed with TAFE SA

The University of Adelaide is awarded international accreditation for its business programs from one of the world's most respected accrediting bodies – the Association to Advance Collegiate Schools of Business (AACSB) International

August

South Australia's only industrial-scale wind tunnel is launched at Thebarton Campus

Improved nutrition for billions of people around the world and the development of clean, green biofuels are two key aims of the new Australian Research Council (ARC) Centre of Excellence in Plant Cell Walls at Waite Campus

Five University of Adelaide researchers and one affiliate are among eight South Australian 2011 Tall Poppy Award winners

September

A \$2.2 million University of Adelaide dental clinic to service Whyalla and its surrounding communities is officially opened, providing senior dental students with valuable clinical experience and giving local residents access to state-of-the-art dental care

University of Adelaide physicist Professor Tanya Monro is named among Australia's Young Researchers of the Year

The biggest contingent of medical students in the University's history heads to the Spencer Gulf for a week-long visit to explore the potential of a rural medical career

October

One of the University's most famous graduates, NASA astronaut and aerospace engineer, Dr Andy Thomas, launches the inaugural Research Week

The University of Adelaide is awarded a record \$44.8 million in National Health and Medical Research Council (NHMRC) funding for health and medical research

The revolutionary, new three-level \$42 million learning hub for students is officially opened by Federal Tertiary Education Minister, Senator the Hon. Christopher Evans

Medical student Mark Hassall becomes the University's 105th Rhodes Scholar

November

Plant scientist Professor Peter Langridge is named South Australia's 2011 Scientist of the Year; and Nobel Laureate and University Professor of Literature John Coetzee wins the Arts Award in the South Australian of the Year awards

The Inaugural Festival of Learning and Teaching brings together staff, students and others to discuss and showcase new approaches aimed at delivering the best learning outcomes for students

National aquatic health receives a boost with the opening of the South Australian Aquatic Biosecurity Centre at Roseworthy Campus. The Centre will be operated jointly by the South Australian Research and Development Institute (SARDI), and the University of Adelaide

December

Professor James McWha, Vice-Chancellor and President, is honoured for his services to the higher education sector and was made an Honorary Officer of the Order of Australia (AO)

A new research unit focusing on improving the dental health of Indigenous Australians is officially opened

Cancer treatment tailored to the individual will be the focus of the new Centre for Personalised Cancer Medicine

Student Statistics - Full year student statistics

	Per	Persons		EFTSL	
	2011*	2010	2011*	2010	
Total student enrolments	25,055	24,154	19,633	18,883	
Commencing Student Enrolments	9,824	9,742	7,113	6,974	
Aboriginal & TS Islander Students	184	198	132	150	
International Students-onshore	6,512	6,393	5,478	5,307	
International Students-offshore	691	640	314	257	
By level of program					
Postgraduate Research	2,113	1,987	1,507	1,400	
Postgraduate Coursework	4,907	4,889	2,943	2,802	
Bachelor Degrees	17,435	16,574	14,762	14,157	
Other	1,130	1,196	421	524	
By enrolment faculty					
Engineering, Computer and Maths Sciences	5,004	4,726	4,005	3,771	
Health Sciences	4,436	4,158	3,507	3,266	
Humanities and Social Sciences	4,438	4,318	2,963	2,969	
Sciences	3,311	3,131	2,615	2,404	
Professions	8,539	8,272	6,300	6,125	
Central Areas	425	576	243	348	
By campus					
North Terrace (includes hospitals)	23,021	22,246	18,232	17,592	
Roseworthy	521	476	318	261	
Thebarton	59	57	11	10	
Waite	689	624	326	269	
Other Australian	1,173	1,213	423	491	
Offshore	691	640	322	260	
By gender					
Female	12,157	11,713	9,483	9,145	
Male	12,898	12,441	10,150	9,739	
By attendance type					
Full-time	19,308	18,532	17,637	16,955	
Part-time	5,747	5,622	1,996	1,928	

Source: Data Warehouse

Financial Performance Summary

	Conso	lidated	University		
	2011	2010	2011	2010	
	\$000	\$000	\$000	\$000	
Statement of financial performance					
Revenue	786,441	729,090	749,454	680,956	
Expenses	738,668	669,144	683,426	616,864	
Operating Result	47,773	59,946	66,028	64,092	
Margin	6.1%	8.2%	8.8%	9.4%	
Statement of financial position					
Net Assets	1,119,458	1,090,036	1,118,230	1,081,172	
Current Ratio	1.6	1.6	1.4	1.2	
Cash and Bank Term Investments	112,799	89,286	103,295	80,922	

The University reported a consolidated operating result of \$47.8 million for the year (2010: \$60 million), which was supported by continued growth in student numbers, strong research performance and the sale of underperforming assets.

$Research \ Activity - {\it Full year research activity}$

Preliminary research figures based on 2011 financial statements

Research income	2011 *	2010	2009	2008	2007
	\$'000	\$'000	\$'000	\$'000	\$'000
Australian Competitive Grants	91,646	79,083	72,936	69,890	60,699
Other Public Sector Research Income	41,936	39,064	42,407	41,005	28,649
Industry and Other Research Income	35,746	41,803	26,394	28,141	20,413
Cooperative Research Centres	3,010	4,763	4,144	6,027	6,011
Total University Research Income	172,339	164,713	145,880	145,063	115,771

Source: DIISR 2007-2010 Higher Education Research Data Collection Preliminary figures based on 2011 financial statements

Research Block Funding	2012	2011	2010	2009	2008
	\$'000	\$'000	\$'000	\$'000	\$'000
Research Training Scheme (RTS)	29,926	28,584	28,072	27,809	28,127
Research Infrastructure Block Grant (RIBG)	13,682	13,231	12,838	12,961	13,641
Institutional Grant Scheme (IGS)				15,744	16,232
Joint Research Engagement (JRE)	15,814	15,286	15,271		
Sustainable Research Excellence (SRE)	9,234	7,136	4,551		

Note: IGS was replace by JRE in 2010. Note: SRE started in 2010.

Source: DIISR Research Block Grants funding announcements (www.diisr.gov.au)

Staff Statistics – As at 31 March

	Persons		FTE	
	2011	2010	2011	2010
Total staff	3359	3,159	3037	2,852
By type				
Academic	1539	1,405	1381	1,258
General	1820	1,754	1656	1,594
Casual	n/a	n/a	n/a	426
Academic staff by faculty				
Engineering, Computer and Maths Sciences	257	239	243	223
Health Sciences	491	430	408	358
Humanities and Social Sciences	176	174	158	149
Sciences	421	367	395	348
Professions	167	166	151	151
Central areas	27	29	26	28
Academic staff by function				
Teaching & research	971	899	864	801
Research only	558	493	507	445
Teaching only	1	1	1	1
Other	9	12	8	11
Academic staff by gender				
Female	607	516	522	439
Male	932	889	858	819

Note: Full-time and fractional full-time staff statistics Casual staff figures for calendar year Source: DEEWR 2010 & 2011 Staff Data Collection



Higher Education Environment

Global Perspective

Education is one of Australia's largest export industries and the growth of the higher education sector is key to sustaining this success. Despite a volatile international economic situation, Australia performs extremely well in attracting international students to higher education, with a national growth rate of 8.2% since 2008. International students now make up around 20% of the university student population across the country. The University of Adelaide has increased its international cohort of students dramatically in recent years, with overseas students now comprising around 28% of its total population. Consequently, the University has the largest proportion of international students of any of the South Australian universities (20% at the University of South Australia and 13% at Flinders University).

Driven by changes in Australian immigration policy and global economic conditions, 2011 has seen a significant contraction of the education export market; however, the university sector has weathered the downturn much better than other segments. Locally, the University of Adelaide enrolled a record number of international students, capping a decade of sustained year-onyear growth averaging 12%. Nevertheless, the downturn of preparatory programs and English language instruction is likely to affect University enrolments going forward, although there are signs that this market is recovering. In the global marketplace, many other countries and universities have noted the Australian system's success in attracting international enrolments. Numerous countries are relaxing their immigration laws, while Australia's laws have tightened. Combined with the strength of the Australian dollar, this may undermine Australia's relative competitiveness.

The tightened immigration policy has also had a negative impact on the significant portion of the international student market who view an Australian education as a route to permanent residence. However, the Australian Government has developed strategies to ensure the long-term viability of this important industry. The Knight Review of the Student Visa Program (September 2011) made 41 recommendations, including significant changes designed to make tertiary study in Australia increasingly more attractive internationally. The government has adopted all of the recommendations, in recognition of the important economic role played by education export. The two most noteworthy changes in this package are the streamlining of visa application processes, and the addition of work rights to student visas that, in some cases, extend three years after graduation. The changes will be phased in over time, but it is anticipated that they will have a positive impact on applications for commencement as early as 2012.

The Australian education sector, like much of the economy at large, is heavily dependent on Chinese growth to sustain local growth. While Chinese demand has remained robust throughout the GFC, continued uncertainty surrounding European debt and ongoing economic malaise in North America as well as Europe may yet slow growth, with consequences across the Australian economy. Moreover, because China is investing heavily in domestic higher education, increasing the diversification of our markets will assume a greater importance in the future.

Opportunities to compete internationally are not just confined to increasing international student numbers. There are complex social and environmental issues facing Australia and the region, including climate change, regional security, pandemic disease, social cohesion, bio-ethics and water quality. Addressing these challenges will require high quality research and innovative applications of knowledge as well as improved understanding of problems and their causes. The University is well placed to contribute in these areas and to make a significant impact on its local and global communities.



The Australian Government

In the 2010 Annual Report, transformational changes were foreshadowed as a result of the full implementation of the Commonwealth's Transforming Australia's Higher Education System policies, concurrent with changes in support for innovation through the Excellence in Research for Australia (ERA) initiative.

The first iteration and current preparation for the second iteration of the ERA, have provided the sector with a suite of valuable tools to appraise and promote the quality of research conducted at universities across Australia. In 2011, additional funding was made available as part of this initiative and the University will continue to grow in real terms until 2013, resulting in substantial support for the indirect cost of performing quality research on campus.

Adjustments to learning and teaching policy have been less forthcoming. In many cases, funding associated with learning and teaching performance has been either delayed or withdrawn. Therefore, transition to an uncapped, demand-driven funding model and more sustainable indexation are the primary ongoing changes. These changes are substantial and result in several hundred million dollars of additional funding flowing into the sector. The impact of removing enrolment caps will be much more apparent in states such as Victoria and Queensland where there is substantial unmet demand. In South Australia, a modest increase in provision is likely, with the majority of qualified applicants already receiving offers at undergraduate level. At the postgraduate

level, where there is some demand, caps remain in place.

When the Higher Education Base Funding Review was commissioned (reported late 2011), there was some expectation of an adjustment to the per student rate of funding. However, while the government has not yet formally responded to the review, it has indicated that additional funding is unlikely.

Late in 2011, the Student Services and Amenities Fee legislation was passed, which allows universities to charge students a fee to provide services of a non-academic nature on campus. Since the implementation of voluntary student unionism, many of these services have been curtailed or subsidised from other University funds.

It is still unclear what impact the newly established Tertiary Education Quality and Standards Agency (TEQSA) will have on the sector. The role of TEQSA is to improve national consistency via accreditation, audit and streamlining regulatory processes. Adopting a risk based approach, this new agency will have a direct impact on high quality institutions such as the University of Adelaide.

A Cabinet restructure undertaken in 2011 has brought together the responsibilities of the National Innovation Systems and tertiary education sector under the newly established Department of Industry, Innovation, Science, Research and Tertiary Education. The potential for a single department to provide a more holistic plan for joint endeavours of research and teaching should not be underestimated.

The South Australian Government

South Australia's Strategic Plan seeks to 'better align institutions of higher education with the state's economic and social priorities'. The University has responded by focusing its research activities around areas of strength and ensuring congruence with national and state priorities. Additionally, the University has supported the state in achieving strategic goals relating to increases in international and domestic student numbers.

Demographic predictions indicate that due to the ageing profile of South Australia's population, Year 12 enrolments will continue to decrease and the ability to maintain local student numbers will thus be critical. This may be offset in part by the increase of the school leaving age to 17, and the state government's goal of increasing the percentage of students completing Year 12 (or its equivalent) to 90% by 2014; however, innovative measures, improved outreach, support services, and new collaborative partnerships will be required to improve participation of traditionally under-represented groups. Nevertheless, recent years have seen domestic demand for university places increase, and the University is pursuing a number of access and participation strategies, including a targeted approach to recruit students from the northern suburbs of Adelaide and the Spencer Gulf region.

The state government's 30-year development plan will see significant population increases in the northern reaches of the city. Much of this development will be focused in areas around the University's Roseworthy Campus. The establishment of the Veterinary School at this campus has ensured its future as a sustainable contributor to the University community as a whole. The regional development of this campus will provide an opportunity to be a key player in the area.

Governance

University Strategic Plan 2013–2017

The current version of the University Strategic Plan covering the years 2008–2012 was updated in 2010 to take account of significant policy changes effected by the Australian Government. It also allowed the University to affirm its commitment to building a great research university and to ensure an alignment of its goals with those of government and the community.

It is expected that the new strategic plan will be finalised in 2012 following extensive consultation with Council and the University community, and the commencement of a new Vice-Chancellor and President.

University Budget 2012

Council approved the University Budget for 2012 at its December meeting, and also received the associated Capital Management Plan for 2012–2016. The 2012 budget embodies the University's response to emerging challenges with the potential to affect its financial performance. It provides funding: to enable the continued development of research institutes and centres as part of the University's Building a Great Research University strategy; for additional investment in support of research fellowships; to deal with significant growthrelated cost pressures in several faculties; to maintain the University's underlying operating performance relative to the Group of Eight (Go8) universities and to ensure that staff costs are sustainable. In developing the budget, the University considered the budget submissions and targets of each of its faculties and administrative divisions.

2011 University Performance Report

In June, the Council considered the annual University Performance Report. The Report is designed to give Council an opportunity to judge the University's performance against targets set in the current 2008–2012 University Strategic Plan. Its structure reflects the organisation of the Plan with its three chapters on Research and Research Training, Education, and Services and Resources. It presents the University's performance in the context of national, South Australian and Go8 benchmarks. This year, the Report included performance indicator scorecards for each chapter to satisfy Council's request for an indication of whether the University had performed as expected. Senior managers also provided executive summaries regarding their areas of responsibility; these provided comment on results and performance with a particular focus on identifying causal factors.

The Report revealed that the University remains in a strong position, firmly within the Go8 grouping on all indicators. It demonstrated that the University has been able to accommodate significant, additional student-load while making steady and sustainable improvement across a range of quality and equity indicators. The University's research performance is impressive for the period covered by this report. In particular, research income per capita is strong and well in line with the University's strategic aim to remain in the top three nationally in this measure. The University's solid performance detailed in the pages of this report places it well to respond to changes proposed by the current government.





In June, the University's Vice-Chancellor and President, Professor James McWha, announced that he would retire in mid-2012.

Risk Management

Council approved the University of Adelaide Internal Audit Plan 2012–2015 in December. The Plan is reviewed annually in order to ensure that it focuses on areas of higher risk to the successful operation of the University. The Internal Audit Plan for the year 2012 summarises the primary functions and processes within the University and sets out the proposed internal audit coverage. It is closely aligned with the University's current enterprise risks and identifies key risk drivers.

Council also received the Operational Risk Management Annual Report. It noted the increasing use of the University Risk Register; the revision of the Risk Management Policy and the *Risk Management Handbook*; the revision of the University Risk Matrix; and that the University Risk Management Committee had undertaken a management review of the University's enterprise risks.

Voluntary Code of Best Practice for the Governance of Australian Universities

In May 2011 the University Chancellors' Council (UCC) adopted a Voluntary Code of Best Practice for the Governance of Australian Universities. The Code is based on the Australian Government's National Governance Protocols and was developed to replace them. In August, the University Council received a report demonstrating that the University substantially complies with the best practice guidelines.

Controlled Entities

Council received the quarterly management reports and annual risk assessment reports of the University's wholly-controlled entities and also approved their budgets and business plans for 2012.

Annual Meeting of the University Community

The annual meeting of the University community was held on 14 February. Both the Chancellor and the Vice-Chancellor and President addressed the gathering, focusing on the University's considerable achievements over the past year and its plans for the future. As always, the meeting was well-attended by members of the University community.

Election of Deputy Chancellor

In December, Council re-elected Ms Pamela Martin as Deputy Chancellor of the University for a two-year term, subject to her term on Council. Ms Martin is a long-serving member of the Council and is employed as the, Commercial Counsel, Commercial Advice, in the Department of the Premier and Cabinet.

Retirement of Vice-Chancellor

In June, the University's Vice-Chancellor and President, Professor James McWha, announced that he would retire in mid-2012. This follows a decade of outstanding leadership. The University's Chancellor, the Honourable Robert Hill, paid tribute to Professor McWha's success in leading the University to an enviable position, recognised internationally for academic achievement and research excellence. In particular, he commended the Vice-Chancellor and President's inclusive leadership style which had inspired high levels of morale and collaboration within both the academic and professional staff communities and the student body.

Following the announcement of Professor McWha's retirement, the Council initiated an international recruitment process to search for a new Vice-Chancellor and President.

Honorary Degrees

At one of its April graduation ceremonies, the University admitted prominent South Australian businessman Mr Ross Adler AC to the degree of Doctor of the University to honour his distinguished service to the University over many years. Mr Adler served on the University Council for eleven years until his retirement in December 2009. During that time, he also served as Chair of the Finance Committee from the year 2000 and as Deputy Chancellor from March 2007 to December 2009.

In September, the former Chancellor of the University, the Honourable John von Doussa AO QC, was awarded the degree of Doctor of the University for his distinguished service to the institution. Mr von Doussa served as Chancellor from July 2004 to July 2010. A graduate of the University's Law School, he had a long and eminent legal and judicial career, which included serving as President of the Human Rights and Equal Opportunities Commission from 2003 to 2008.

Council Membership

In 2011, the Council comprised:

Ex-officio Members:

- The Hon. Robert M. Hill Chancellor
 Professor James McWha AO Vice-Chancellor and President
- Professor Christopher Findlay AM Presiding Member and Chair of the Academic Board (*until 1 September 2011*)
- Professor Clement Macintyre Presiding Member and Acting Chair of the Academic Board (from 2 September 2011)

Appointed Members:

- > Mr Charles Bagot
- > Ms Kate Castine
- > Ms Dianne Davidson
- > Mr Ian Kowalick AM
- > Ms Pamela Martin (Deputy Chancellor)
- > Ms Loewn Steel
- > Mr Stephen Young

Co-opted Members:

vacant

Elected Members

Academic Staff:

- > Dr Rodney Crewther (until 5 March 2011)
- Associate Professor Felix Patrikeeff (from 6 March 2011)
- Professor Anthony Thomas (re-elected 6 March 2011)

General Staff:

- > Mr Jeremy Kwan (until 5 March 2011)
- > Mr Christakis Soteriou (until 5 March 2011)
- > Mr Gerald Buttfield (from 6 March 2011)
- Ms Gloria Sumner (from 6 March 2011; resigned 21 October 2011)
- > Ms Geraldine Yam (from 5 November 2011)

Students:

- > Ms Lavinia Emmett-Grey (until 5 March 2011)
- > Mr Ting Xu (re-elected 6 March 2011)
- > Mr Christopher Wong (until 5 March 2011)
- > Mr Andrew Shepherd (elected 6 March 2011)
- > Mr Eric Fan Yang (elected 6 March 2011)

Graduates:

- > Professor Simon Maddocks
- > Dr John Radcliffe AM
- > Dr Susan Robinson

Standing Committees of Council as at 31 December 2011

Academic Board

Chair – Professor Christopher Findlay AM (until 1 September 2011)

Acting Chair – Professor Clement Macintyre (from 2 September 2011)

Audit, Compliance and Risk Committee

Chair – Mr Charles Bagot

Convenors' Committee Chair – The Hon. Robert M. Hill

Council – South Australian Research and Development Institute (SARDI) Business Integration Advisory Committee

Chair – Mr Charles Bagot

Finance Committee

Chair – Mr Ian Kowalick AM

People and Culture Committee Chair – Ms Kate Castine

Senior Executive Review Committee Chair – The Hon. Robert M. Hill

Special Degrees Committee

Chair – The Hon. Robert M. Hill

The University of Adelaide Council, Council Standing Committees and Senior Management – Council Meeting 8/11, 5 December 2011

First row: Mr Gerald Buttfield; Ms Kate Castine, Chair, People and Culture Committee; Dr Susan Robinson; Ms Dianne Davidson; Mr Xu Ting; Ms Geraldine Yam; Professor Anthony Thomas; Professor Simon Maddocks

Second row: Ms Heather Karmel, Council Secretary; Mr Charles Bagot, Chair, Audit, Compliance and Risk Committee; Ms Pamela Martin, Deputy Chancellor; The Hon Robert M. Hill, Chancellor; Professor Felix Patrikeeff; Professor John Carver; Dr John Radoliffe AM

Third row: Professor John Taplin, Pro Vice-Chancellor (International); Mr Ian Kowalick AM, Chair, Finance Committee; Ms Loewn Steel; Professor James McWha AO, Vice-Chancellor and President; Professor Chement Macintyre, Acting Chair, Academic Board; Professor Bob Hill, Executive Dean, Faculty of Sciences; Professor Justin Bellby, Executive Dean, Faculty of Health Sciences; Professor Richard Russell AM, Pro Vice-Chancellor (Research Operations)

Professor Hichard Husselin AW, PHO Woe-Ortalication (Heastanch Operations) Fourth row: Mr Paul Dulcig, Vice-President (Services and Resources); Professor Mike Brooks, Deputy Vice-Chancellor and Vice-President (Research); Professor Nick Harvey, Executive Dean, Faculty of Humanities and Social Sciences; Mr Graham Walters AW; Professor Pascale Quester, Deputy Vice-Chancellor and Vice-President (Academic); Mr John Hill; Mr Colin Dunsford; Mr Hugh McPharlin; Associate Professor Barry Burgan; Professor John Williams, Acting Executive Dean, Faculty of He Professions; Professor Peter Dowd, Executive Dean, Faculty of Engineering, Computer and Mathematical Sciences; Mr Tony Mitchell, Chief Financial Officer

Absent: Professor Christopher Findlay AM, Chair, Academic Board; Mr David Hill; Mr Andrew Shepherd; Mr Eric Fan Yang; Mr Stephen Young

Senior Management as at 31 December 2010

Deputy Vice-Chancellor and Vice-President (Academic)

- > Professor Fred McDougall (until 31 May 2011)
- > Professor Pascale Quester (from 1 June 2011)

Deputy Vice-Chancellor and Vice-President (Research) Professor Michael Brooks

Protessor Michael Brooks

Vice-President (Services and Resources) Mr Paul Duldig

Pro Vice-Chancellor (Research Operations) Professor Richard Russell AM

Pro Vice-Chancellor (International) Professor John Taplin

Executive Dean, Faculty of Engineering, Computer and Mathematical Sciences Professor Peter Dowd

Executive Dean, Faculty of Health Sciences Professor Justin Beilby

Executive Dean, Faculty of Humanities and Social Sciences Professor Nicholas Harvey

Executive Dean, Faculty of the Professions

- > Professor Pascale Quester (until 31 May 2011)
 > Professor Christopher Findlay AM
- (from 1 June 2011)

Executive Dean, Faculty of Sciences Professor Robert Hill

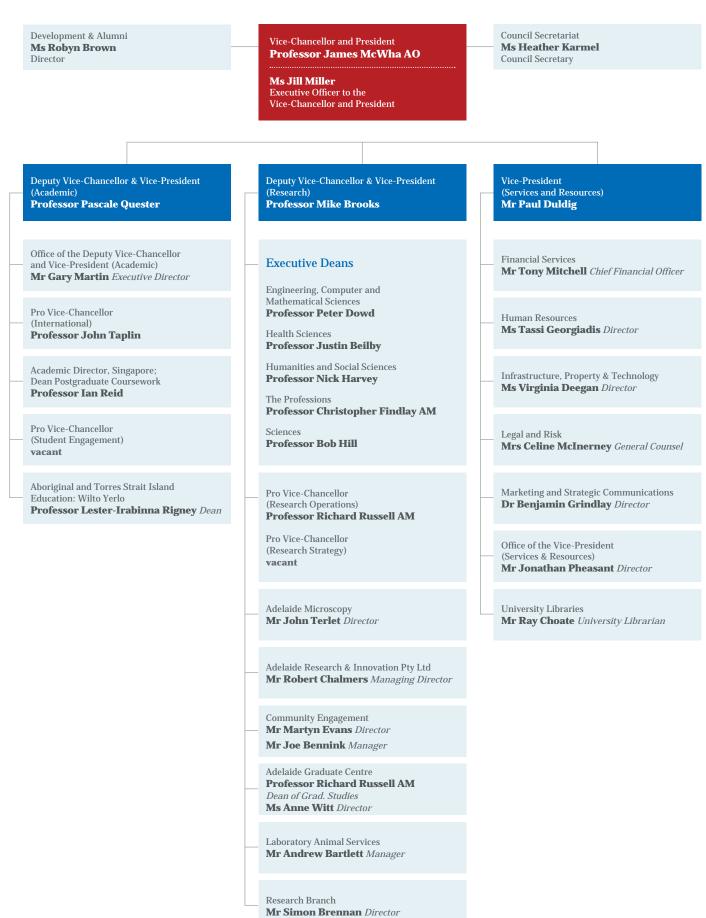
Council Secretariat

Council Secretary – Ms Heather Karmel Senior Officer – Mr Andrew Starcevic Senior Officer – Ms Anne Wildy Council Officer – Mr Mariusz Kurgan



Top Level Organisational Structure

at 31 December 2011



Planning and Quality

Strategic Planning

Since the release in early 2008 of the 2008–2012 University Strategic Plan: Building a Great Research University, both the Global Financial Crisis and changes to Commonwealth policy have had significant implications for the higher education sector.

As part of the University of Adelaide's comprehensive process of strategic planning, the Plan was revised to take preliminary account of the changing environment (a revision was approved by Council and released in December 2009). This did not result in a change of direction for the University, but rather reconfirmed the approach and commitment to building a great research university and ensure a clear alignment of the goals to those of government and the community.

The Plan sets out the University's mission and vision, high-level goals, and strategies for the core areas of business: Research and Research Training, Education, and Services and Resources. Integral to the Plan is the pursuit of research excellence; focus, scale and support for key institutes; continued increases in student numbers, and enhancements to the quality of their experience; and the effective management of resources, structures and processes, It also establishes high-level targets that enable the University to regularly review progress. These strategic priorities also formed the basis of the University's Interim Agreement, or compact, with the Commonwealth.

With one year remaining on the current strategic plan, the University has been successful in achieving many of its ambitious goals. From this base, planning for the future has commenced. Early in the process it was decided that due to the imminent retirement of the current Vice-Chancellor, it was inappropriate to proceed to a full strategic plan in advance of the appointment of a new Vice-Chancellor. Instead, a comprehensive process of consultations and workshops has confirmed the University's desire to continue to strive to be recognised as a great research university and to use that as the platform for excellence in teaching and learning.

The senior leadership of the University is currently formulating a series of options papers (in response to the specific environment), and these will be presented to the University Council in early 2012. These papers will also be presented to the incoming Vice-Chancellor as a series of investment options for consideration and prioritisation. The outcome of these decisions will influence the next plan, but will not divert the University from its path of sustainable growth, continuous improvement, and enhancement of its reputation and impact within the international, national and local communities to which it contributes. With one year remaining on the current strategic plan, the University has been successful in achieving many of its ambitious goals.





Postgraduate Coursework Programs

Onshore applications and offers during 2009–2011 decreased, although the total University postgraduate coursework load increased. Health Sciences was the only faculty for which total onshore applications increased in this same period. Total postgraduate coursework load decreased significantly for the Faculty of Humanities and Social Sciences and slightly for the Faculty of the Professions. The Faculty of Sciences and Faculty of Engineering, Computer and Mathematical Sciences experienced growth in load.

Online applications and offers have increased from 2010 to 2011. As these programs are still establishing, no corresponding effect can yet be seen in the University's totals. Load in these programs is comparatively small, as these students are predominantly part-time (studying one course per term). The University offers several other programs online, which are not separately identified and their load is included in the onshore domestic and international figures.

Total postgraduate coursework load

Equivalent full-time student load (EFTSL)				
	2009	2010	2011	
Domestic	1068	1144	1108	
International	1227	1438	1581	
Offshore (Singapore)	187	201	214	
Online		6	36	
Total	2481	2788	2940	

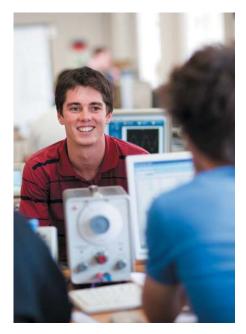
Summer and Winter School

In line with the University's Strategic Plan, there has been a focused effort on increasing the flexibility of course offerings to domestic, international, non-award, cross-institutional and study abroad enrolments through the Summer and Winter School. This has proven to be popular with the University's student population. Enrolments for the 2011 Summer and Winter School programs have shown continued strong growth, with an overall increase in enrolments of 19% (3061 enrolments, were up from 2582 in 2010). Summer School enrolments increased by 12% (1816 enrolments, up from 1626 in 2010) and Winter School enrolments increase by 30% (1245 enrolments, up from 956 in 2010).

In late 2011, administrative management of the Summer and Winter School was tasked to the Short Programs team within the International Office.

Collaborating with TAFE SA

The University has renewed its partnership with TAFE SA by signing a five-year Head Collaboration Agreement in July 2011. This strengthened relationship has seen the number of articulation pathways from TAFE SA to the University of Adelaide exceed 200, reinforcing the University's status as the leading South Australian public university with regard to specific credit transfer arrangements with TAFE SA.



Quality

National Quality Assurance and Regulatory Environment

The University contributed to the public consultation process on the Tertiary Education Quality and Standards Agency (TEQSA) legislation and Higher Education Standard Framework developments, including the Go8 submissions to the aforementioned. The themes of national quality assurance and regulatory developments that are shaping the higher education environment have been discussed with internal stakeholders at key committees and particularly highlighted during the University's inaugural Festival of Learning and Teaching.

Key developments include:

- > the Ministerial Council for Tertiary Education and Employment (MCTEE) approving the final aspects of the strengthened Australian Qualifications Framework (AQF) and the implementation arrangements on 18 March 2011;
- > the Tertiary Education Quality and Standards Agency (TEQSA) being established on 30 July 2011 by the Tertiary Education Quality and Standards Agency Act 2011; and
- TEQSA operating in a quality-assurance capacity in the first instance before beginning its regulatory functions in January 2012.

TEQSA will commence its regulatory functions on 29 January 2012. This will involve registering and evaluating the performance of higher education providers (universities and private providers) against the new Higher Education Standards Framework.

Reviews

Review activities are an integral part of the University's approach to quality assurance. The following program and organisational reviews were conducted in 2011:

- > Bachelor of Arts
- > Doctor of Clinical Dentistry
- Bachelor of Medicine and Bachelor of Surgery (MBBS)
- > Bachelor of Science (Natural Resources), Bachelor of Science (Evolutionary Biology),and Bachelor of Science (Marine Biology)
- > Postgraduate programs in Economics
- > Postgraduate programs in Architecture
- > Postgraduate programs in Commerce
- School of Civil, Environmental and Mining Engineering (including undergraduate and postgraduate coursework programs in the school); and
- > School of Social Sciences.

Review reports, recommendations and implementation plans are made available on the University website after consideration by the University.

Review of Learning and Teaching Policies

The University has been undertaking a major review of academic policies, with the aim of rationalising, simplifying and integrating the policies, and ensuring consistent academic practices across the University. In 2011, three new academic policies were approved for implementation:

- Modified Arrangements For Coursework Assessment Policy
- > Recognition of Disciplines Policy
- Reasonable Adjustments to Teaching and Assessment for Students with a Disability Policy.

Benchmarking

The University has a well-established benchmarking relationship with the University of Canterbury forming the basis of the University's international benchmarking partnering approach. As part of the progress report to the previous Australian Universities Quality Agency (AUQA) audit, the University had previously foreshadowed that a further two to three benchmarking relationships would be developed with national and international partners. During 2011, the Quality Enhancement Committee agreed to a broad approach to benchmarking which includes active initiation of informal benchmarking opportunities and reporting best practice, and the development of specific benchmarking guidelines to facilitate an increase in faculty and school benchmarking initiatives. It was also agreed that a second benchmarking partnership be initiated with one of the shortlisted universities identified by the Quality Enhancement Committee for this purpose.

Accreditation

Certain programs at the University are accredited by professional organisations. Such accreditation ensures that graduates of a program are professionally qualified and competent to work in their chosen vocation. It also serves as a quality measure for individual programs.

The University's business programs have been awarded a five-year accreditation from one of the most respected accrediting bodies, the Association to Advance Collegiate Schools of Business (AACSB) International, based in the United States. This has followed some years of significant internal review, evaluation and change. The accreditation standards require, for instance, a high-quality teaching environment, a commitment to continuous improvement and the delivery of programs that are responsive to the needs of business.

In 2011, a number of other programs were accredited or re-accredited. The University's Bachelor of Medicine Bachelor of Surgery (MBBS) program was re-accredited until the end of 2014. The Bachelor of Engineering (Mining) was accredited by Engineers Australia until the end of 2012. It will be considered for further re-accreditation in 2012 together with other engineering programs offered by the University. The Master of Planning and Master of Planning (Urban Design) have received interim accreditation until the end of Semester 1, 2012, pending consideration of the visit conducted in 2011 by the Planning Institute of Australia. Specialisations of the Doctor of Clinical Dentistry program were re-accredited until the end of 2015.

Survey Framework

The University's Survey Framework was implemented in 2009 and was tasked to be administered by the Survey Reference Group (SRG). The SRG met quarterly during 2011 with survey requests being approved on a monthly basis. A total of 44 requests were considered of which five were not approved.

Learning and Teaching

Festival of Learning and Teaching

The Strategic Plan (2008–2012) states that 'In a great research university, education and research are not alternatives but integrated, mutually supportive and equally valued activities'. The inaugural Festival of Learning and Teaching that was held in November 2011, celebrated excellence in learning and teaching at the University of Adelaide.

This event, held in Hub Central, showcased the facilities and services available to students. Participants were able to see for themselves, how the facilities enhance the student experience. A genuine commitment to learning and teaching was expressed even before the event started with over 1,270 people registering. Participants collaborated, shared information, expertise and ideas and engaged in showcases and workshops on a variety of products and projects.

The University Teaching Award winners were recognised and a celebration of the 2011 teaching year marked the close of the festival. The Deputy Vice-Chancellor and Vice-President (Academic), Professor Pascale Quester, confirmed a commitment to commending contributions to teaching and learning and announced that the University will be introducing awards for excellence in support of the student experience in 2012.

Excellence in Education

The Excellence in Education project was established in March 2009 as an overarching project to support the University's primary education goal, that is, to 'provide a distinctive learning experience of high quality for our students'.

The Excellence in Education project consolidates activities from across the University which will impact positively on student satisfaction. During 2011, further progress was recorded against each of the focus areas identified at the project's inception. The Annual Progress Report submitted to the University Learning and Teaching Committee (ULTC) during the 14 September 2011 meeting, highlighted the data for Overall Satisfaction as measured by the Course Experience Questionnaire. This indicated that the University was making progress toward achieving its objective of being in the top 50% nationwide in all discipline groups within five years, and that it had already reached this objective in three of the four broad discipline groups.

Centre for Learning and Professional Development (CLPD)

The early part of 2011 saw staff in the CLPD implement the majority of recommendations from the external review conducted during 2010 as part of the normal cycle of reviews for schools and divisions. Following the departure of Professor Geoffrey Crisp, Director, and the appointment of Professor Pascale Quester as Deputy Vice-Chancellor and Vice-President (Academic), a strategic restructuring process commenced. This provided a good opportunity for both the CLPD and the University to reflect on the role that academic development and support centres such as CLPD play in the strategic priorities of the institution. Formal change management procedures resulted in the relocation of the majority of CLPD staff to other areas of the University with the discontinuation of the CLPD as a separate unit at the end of 2011.

Teaching Wednesdays

A new initiative in 2011, Teaching Wednesday sessions drew over 200 participants across six sessions covering themes including assessment, student engagement, internationalisation and quality assurance.



e-Enhanced Learning and Teaching Project

The e-Enhanced Learning and Teaching Project, funded as a Vice-Chancellor's strategic initiative, has improved the quality of the student experience through the innovative use of new technologies in teaching. In 2011, a wide variety of courses from all faculties such as courses from Law, Marketing, Economics, Psychology, Pathology, Nursing, History, Food Studies, and Oenology were included in the program. In addition, the project team supported development of enhancements to the capabilities of MyUni and virtual classrooms. This project concluded at the end of 2011.

Academic Professional Development

A total of 42 University of Adelaide teaching staff participated in two Graduate Certificate programs in Online Education and in Higher Education, with 14 staff graduating from the two programs in 2011. In addition, 58 academic staff completed the Teaching at University course and 73 sessional staff completed professional development courses in higher education pedagogy. The University's primary education goal is to provide a distinctive learning experience of high quality for our students.

Transition and Advisory Service – First-year experience

First impressions count, and students' experiences during their first year set the foundations for a smooth transition to university life and academic success. As part of the Transition and Advisory Service (TAS), Transition (to Uni) Services coordinate the University's main orientation event, the UniStep extended orientation, peer networking programs, and PASS (Peer Assisted Study Sessions Program).

In 2011, Orientation Week attracted an estimated 5000 students to the University's North Terrace Campus. More than 2000 students attended the Vice-Chancellor and President, Professor James A. McWha's welcome in Bonython Hall. The Welcome Centre on Goodman Lawns, North Terrace, showcased University services, provided information, central signposting and guided students towards events. Targeted information sessions, study preparation workshops and the tours of facilities were popular, with over 3000 students attending these sessions. BBQs, competitions, music and games entertained and nourished those who needed a break between activities and provided a welcoming environment. A group of 13 experienced volunteer student-leaders supported Orientation Week events.

The ISC Peer Mentor Program was recognised for its outstanding contribution by winning the Governor's Multicultural Award for Youth -Organisation.

The International Student Centre coordinated 16 orientation programs to meet the needs of over 2500 students commencing degree programs, Pre-enrolment English, AusAID specialised preparatory programs, and Summer and Winter Schools. The Centre established a Welcome Centre in Union House for the major intakes prior to commencement of Semester 1 and Semester 2. Orientation activities were supported by a range of on-campus and community based services including the Accommodation Service, Careers, the AUU, CLPD, Library Services, South Australia Police, Department of Immigration and Citizenship, Customs, AQIS and Volunteer SA.

The February and July Orientation programs were supported by 44 Peer Mentors volunteering 3960 hours performing a range of administrative tasks, campus tours and coordinating the on and off-campus social programs. In February 2011, the ISC Peer Mentor Program was recognised for its outstanding contribution by winning the Governor's Multicultural Award for Youth– Organisation.

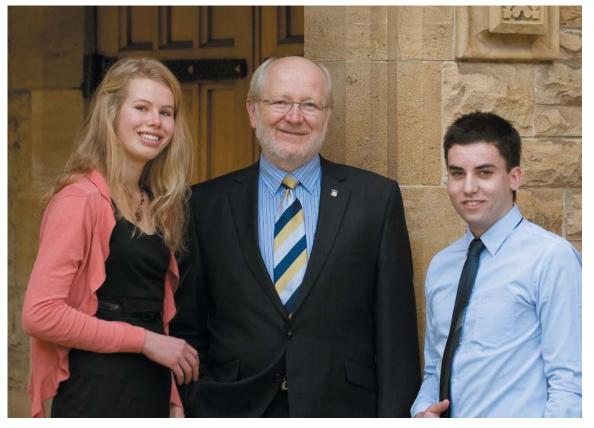
On arrival, airport reception and temporary accommodation services were popular with airport reception arranged for 977 students including 176 University of Canterbury exchange students in March following the Christchurch Earthquake, 138 accompanying family members and on-arrival temporary accommodation was arranged for 221 students.

UniStep, the University's extended orientation program, provided daily academic and life skills sessions for new students during Semester 1 to support a smooth transition for these students to the university environment. Students who entered university mid-year were welcomed at a smaller event in July 2011.

The Peer Networking Programs (PNP) provide students with opportunities to build social connection and share information and experiences with other students during the first semester of study and have been strong indicators of student successes. The popularity of structured programs like SmoothStart - the university-wide equity mentoring program, and the school-based networking programs, demonstrate the importance of a sense of belonging and social interactions as drivers of academic success. Transition Services assisted 13 schools across the five faculties to host peer networking programs during Semester 1. Overall, 129 peer mentors supported approximately 1350 participating first-year students. Beyond these networking events, peer mentors were involved in a range of other transition activities, thereby providing guidance and impacting on an even greater number of first-year students.

During 2011, the internationally accredited Peer Assisted Study Sessions (PASS) program gave opportunities to eight academically high-performing student volunteer leaders to assist 170 first-year Business and Economic School students with their studies. Students who attended these weekly sessions learned to apply reflective study and revision techniques to lecture content.





Vice-Chancellor and President Professor James McWha AO with Vice-Chancellor's Scholars, first-year students Justin Bannon and Louise Thomas Photo by John Hemmings

Scholarships

In 2011, the Coursework Scholarships Committee approved the award for the following number of University funded and Commonwealth funded equity scholarships:

- > Adelaide Access Scholarships (78)
- > Adelaide Start-Up Scholarships (100)
- > Vice-Chancellor's scholarships (2)—these were awarded to one male and one female student, both of whom had outstanding academic records.
- Indigenous Commonwealth Accommodation Scholarships (10)
- Indigenous Commonwealth Education Costs Scholarships (20)
- Commonwealth Accommodation
 Scholarships Indigenous Enabling
 Scholarships (11)
- Commonwealth Education Costs Scholarships Indigenous Enabling Scholarships (39)
- > Indigenous Access Scholarships (52)

The University of Adelaide also has three major academic merit scholarship schemes: the Adelaide Undergraduate Scholarships, the University of Adelaide Principals' Scholarships and the Andy Thomas Scholarship. The Adelaide Undergraduate Scholarships, worth \$10,300 (indexed) for up to four years, were awarded to all South Australian students who demonstrated outstanding academic merit by achieving an Australian Tertiary Admissions Rank (ATAR) of 99.95 (excluding all bonus points). In 2011, 37 students were awarded Adelaide Undergraduate Scholarships.

The University of Adelaide Principals' Scholarships, worth \$5,000 for one year, were awarded to one student from each school in South Australia, Northern Territory, Broken Hill and non-metropolitan Victoria who nominated eligible students. Eligible students must have achieved an ATAR of 80 or greater (after the addition of the University's Fairway Bonus if applicable) and made a significant contribution to their school or wider community. In 2011, 140 students were awarded a University of Adelaide Principals' Scholarship.

The Andy Thomas Scholarship is awarded to academically outstanding students who have also made a significant contribution to their school, the wider community and showed potential for leadership, creativity and innovation in the future. This valuable scholarship provides a living allowance of \$6000 for up to four years with students' contribution amounts (HECS) also paid by the University for up to four years. This scholarship is awarded each year to a commencing student who enrols in a Bachelor of Engineering (Aerospace, Mechatronic or Mechanical) program.

University-funded scholarships continue to target not only students who demonstrate outstanding academic merit, but a substantial number of scholarships such as the Adelaide Access Scholarships and the Adelaide Start-Up Scholarships also address students who are in financial need, from rural or isolated areas, from non-English speaking backgrounds and/or students who have a disability. This focus complements the emphasis of the Higher Education Participation and Partnerships Program (HEPPP), which seeks to increase the participation and outcomes for students from equity groups, and particularly those from low socioeconomic status (SES) backgrounds.

Since 2009, many Commonwealth scholarships have been administered by Centrelink, with the exception of Indigenous scholarships, which universities still oversee. Commonwealth scholarships awarded in 2009 to non-Indigenous students are in the process of being 'grandfathered', and it is anticipated that most of them will have been utilised by the end of 2012. The number of donor funded scholarships administered by the University continues to grow. In 2011, 80 donor-scholarships with a total of 219 recipients were administered by the University.



External Learning and Teaching Grants

Australian Learning and Teaching Council Grants Scheme 2011

In 2011, two competitive Strategic Priority grants were awarded to University staff. The grants were awarded to: Dr John Willison, Centre for Learning and Professional Development, to evaluate the long-term benefits of the use of the Research Skills Development framework at degree programlevel with the aim of accelerating its uptake at course level and, if warranted, at degree program level; Associate Professor Mark Jaksa, School of Civil, Environmental and Mining Engineering, to develop engaging, effective and enlightening practical experiments in geotechnical engineering.

National Learning and Teaching Awards

Australian University Learning and Teaching Council Citations

The Australian Learning and Teaching Council Citations are awarded to academic and professional staff who have made long-standing contributions to the quality of student learning and improving the overall student experience.

The following University of Adelaide staff received citations for Outstanding Contributions to Student Learning in 2011:

Ms Kayoko Enomoto, Centre for Asian Studies, for fostering independent learning through sharing power in learning with students from diverse backgrounds, using scaffolded curriculum innovations and feedback-based study action plans.

Associate Professor Mounir Ghabriel, School of Medical Sciences, for decades of supporting, encouraging and inspiring medical students to learn human anatomy using multiple novel and interactive approaches.

Associate Professor Paul Sendziuk, School of History and Politics, for developing and evaluating innovative learning activities and assessment tasks that engage the curiosity of students and promote critical reflection and lifelong learning skills.

Dr Craig Willis, School of Civil, Environmental and Mining Engineering, for successfully using peer review and engineering verification techniques to build educational feedback into first-year courses, enabling students to learn with confidence and enthusiasm.

The University has continued to achieve consistent success with these citations since their introduction.

The University of Adelaide provides a learning environment where teachers are also active researchers who are among the best in their fields.

University Teaching Awards

Vice-Chancellor's Award for Excellence in University Teaching

Associate Professor Mounir Ghabriel, School of Medical Sciences

Stephen Cole the Elder Awards for Excellence in Teaching

Ms Kayoko Enomoto, Centre for Asian Studies

Associate Professor Mounir Ghabriel, School of Medical Sciences

Associate Professor Colin Kestell, School of Mechanical Engineering

Dr Ben McCann, School of Humanities

Excellence in Higher Degree by Research Supervision

Dr Susan Hosking, School of Humanities

Award for Excellence in Support of the Student Experience

Mr Allan Carrington, Centre for Learning and Professional Development

Faculty Teaching Awards

Faculty of Engineering, Computer and Mathematical Sciences

ECMS Faculty Prize for Excellence in Teaching

Ms Bec Francis, School of Civil, Environmental and Mining Engineering

ECMS Faculty Prize for Excellence in Teaching (Early Career Teaching and Team Teaching)

Dr Craig Willis, School of Civil, Environmental and Mining Engineering

Ms Bernadette Foley, School of Civil, Environmental and Mining Engineering

Faculty of Health Sciences

Executive Dean's Prizes for Excellence in Teaching

Dr Femke Buisman-Pijlman, School of Medical Sciences

Dr Rachel Gibson, School of Medical Sciences

Dr Ian Johnson, School of Medical Sciences

Mr Yun-Hom Yau, School of Medicine

Associate Professor Dino Pisaniello, School of Population Health and Clinical Practice

Dr Amy Perfors, School of Psychology

Faculty of Humanities and Social Sciences

Executive Dean's Award for Excellence in Teaching

Dr Benito Cao, School of History and Politics

Award for Excellence in Teaching (Individual Teacher)

Ms Akiko Tomita, School of Social Sciences

Faculty of the Professions

The Executive Dean of the Professions' Prize for Excellence in Teaching

Dr Paul Babie, Law School

Dr Peter Burdon, Law School

Mr Paul Leadbeter, Law School

Faculty of Sciences

Executive Dean's Award for Excellence in Teaching

Dr John Conran, School of Earth and Environmental Sciences

Executive Dean's Award for Excellence in Teaching (Early Career)

Dr Andrew MacKinnon, School of Chemistry and Physics

New Academic Programs

The following programs were approved in 2011

Program name	Faculty
Master of Applied Project Management (Project Systems)	Engineering, Computer and Mathematical Sciences
Bachelor of Computer Science (Advanced)	Engineering, Computer and Mathematical Sciences
Bachelor of Mathematical Sciences (Advanced)	Engineering, Computer and Mathematical Sciences
Graduate Diploma in Dental Sleep Medicine	Health Sciences
Graduate Diploma in Health Economics	Health Sciences
Graduate Certificate in Health Economics	Health Sciences
Master of Arts (Translation and Transcultural Communication)	Humanities and Social Sciences
Graduate Diploma in Translation and Transcultural Communication	Humanities and Social Sciences
Bachelor of Languages	Humanities and Social Sciences
Bachelor of Arts (Advanced)	Humanities and Social Sciences
Master of Business	Professions
Professional Certificate in Education	Professions

Research and Research Training

During 2011, the research environment at the University of Adelaide was challenging, competitive, exciting and full of opportunities.

Continuing a long tradition, the University remains an institution of innovative minds from diverse areas, working on some of the big challenges facing the world such as: food security, the sustainable management of natural resources, the development of new energy sources, advancements in health and medical genetics research, and addressing climate change.

Examples of the amazing array of research activities from 2011 include a study analysing special genetic modifications where researchers are using 30,000 year old bison bones to unravel the mystery about how animals adapt to rapid environmental change. Also, the achievement of one of the University's reproductive biologists accomplishing a major technological breakthrough that improves IVF embryo implantation rates for some women by up to 40%. Additionally, acoustics researchers are investigating the causes of wind turbine noise with the aim of making them quieter and preventing wind turbine syndrome. With such talented and dedicated staff, there is every reason to be optimistic and excited about the future of research at the University of Adelaide.



At a Glance Research figures

- > Five world-class research institutes
- > Fifty-three University research centres
- > Consistently ranked in the top 1% of the world's universities
- > Member of the Go8 research-intensive universities
- > Awarded ~75% of total National Health and Medical Research Council (NHMRC) funding in South Australia in 2011
- > Awarded ~70% Australian Research Council (ARC) Discovery project grant funding in South Australia in 2011
- > Awarded three of the 26 new ARC Discovery Outstanding Researchers Awards
- > Over \$39 million in revenue across more than 500 commercial agreements
- > Eight ARC Future Fellowships in 2011
- > Number of new postgraduate research students enrolled in 2011: 543
- > University of Adelaide medical student named our 105th Rhodes Scholar
- > Eleven Research Tuesday events sharing research with the community
- > South Australia's Scientist of the Year for 2011, Professor Peter Langridge
- Completion of 294 postgraduate research qualifications in 2011
- > Number of Australian Postgraduate Awards: 146
- > Number of new Divisional Research Scholarships awarded: 150

Research Institutes



Director:

Professor Robert Norman BSc (Hons), M BChB (Hons) MD, FRANZCOG, FRCPA, FRCPath, FRCOG, CREI

The Robinson Institute

www.adelaide.edu.au/robinson-institute

Institute focus

Reproductive health, stem cell research and health across generations.

Key research centres

- > Research Centre for Reproductive Health
- > Research Centre for Early Origins of Health and Disease
- > Centre for Stem Cell Research
- > Australian Research Centre for Health of Women and Babies

The research of the Robinson Institute focuses on creating life and sustaining health. The Robinson Institute comprises a unique group of more than 350 researchers and clinicians. A number of the Institute's researchers have been named among the nation's best and their international research discoveries relate to IVF and fertility, to national guidelines for pregnancy health. Additionally, researchers at the Institute are now a step closer to repairing the brain following a stroke.

Robinson Institute 2011 highlights include:

- Professor Alastair MacLennan's appointment as an Officer of the Order of Australia for his 40 years of work in women's and children's health and in particular, unravelling the causes of cerebral palsy.
- > The University of Adelaide's paediatrics and reproductive health research areas achieve a maximum score of 5 under the Australian Government's Excellence in Research for Australia (ERA) initiative that assesses research quality within Australia's higher education institutions. The University of Adelaide was the only university in Australia to achieve the maximum score in this field of research, ranking it the highest in the nation under the ERA initiative.
- The Institute was involved in the PCOS Australian Alliance to develop the world's first evidence-based guideline for polycystic ovary syndrome (PCOS), a hormonal condition that affects approximately 12% of reproductive aged women in Australia, of whom up to 70% remain undiagnosed.
- Professor Sarah Robertson achieved a major breakthrough in IVF technology that is expected to help millions of women around the world who have suffered miscarriages following IVF treatment.



Director: Professor Tanya Monro BSc (Hons), PhD

The Institute for Photonics and Advanced Sensing (IPAS)

www.adelaide.edu.au/ipas

Institute focus

Optical materials and structures, lasers and nonlinear optics, remote sensing, chemical and radiation sensing, surface and synthetic chemistry, medical diagnostics and biological sensing.

Key research centre

> Centre of Expertise in Photonics

The Institute for Photonics and Advanced Sensing (IPAS) fosters excellence in research in materials science, chemistry, biology and physics and develops disruptive new tools for measurement. Experimental physics research focuses on pushing the limits of what can be measured. IPAS creates the opportunity to invent and harness new tools for measurement to address many of the current exciting big questions in science. Many of the challenges we face as a society can only be solved by pursuing a transdisciplinary approach that brings together experimental physicists, chemists, material scientists, biologists, experimentally-driven theoretical scientists and medical researchers to create new sensing and measurement technologies. This is the vision of IPAS.

IPAS 2011 highlights include:

- > IPAS Director, Professor Tanya Monro was awarded the honour of South Australian, Australian of the Year for 2011.
- > Work on the new university building which will eventually house IPAS commenced, with the Level one slab completed by December 2011.
- Construction of the IPAS Silica Fibre Fabrication Facility was completed, and fabrication of silica fibres began in April.
- Showcasing of the IPAS glass science at the A fine line Science meets Art Glass Exhibition, at the Jam Factory, 26 March–7 May 2011.



Director:

Professor Stephen Grano BEng (Metallurgical) (Hons), MSc, PhD

Institute for Mineral and Energy Resources (IMER)

www.adelaide.edu.au/imer

Institute focus

Petroleum engineering, mining engineering, petroleum and minerals, geoscience and geothermal energy and energy technologies.

Key research centres

- > Centre for Energy Technology
- > Centre for Tectonics, Resources and Exploration
- > South Australian Centre for Geothermal Energy Research

The Institute for Mineral and Energy Resources (IMER) is the principal point of contact for the strategic research interests of the University of Adelaide in mineral and energy resources. IMER's research priorities are linked to key global trends and the Institute is fast becoming a leading research and educational facility for the mining and energy sectors in the Asia-Pacific region. The Institute works to maximise its core strengths across three centres, as well as supporting the development of three complementary research programs: resource engineering, socioeconomic impact of mineral and energy resource developments.

IMER 2011 highlights include:

- IMER researchers were awarded a combined \$7.351 million in funding through successful Australian Research Council (ARC) Discovery, Linkage, Linkage Infrastructure, Equipment and Facilities (LIEF) scheme and Discovery Early Career Researcher Award (DECRA) scheme projects in 2011.
- > Professor Gus Nathan, Director of the Centre for Energy Technology, received one of the nation's 26 Discovery Outstanding Researcher Awards.
- > The South Australian Centre for Geothermal Energy Research received a further \$A2 million in funding from the state government in June 2011. This follows the initial \$1.6 million awarded in 2009 to establish the Centre.
- IMER engaged with the community in research collaboration and partnerships in numerous projects. An example is the partnership between the Centre for Energy Technology and the Adelaide Airport Limited (AAL) working on three concurrent projects. The partnership was established to develop clean energy solutions and reduce the carbon footprint of AAL while contributing towards the sustainability of the broader environment.



Director: Professor Roger Leigh BSc (Hons), MA, PhD

The Waite Research Institute

www.adelaide.edu.au/waite

Institute focus

Plant and crop sciences, soil science, viticulture and oenology, food and nutrition and food chain economics.

Key research centres and projects

- FOODplus Research Centre (a joint venture with the Women's and Children's Health Research Institute)
- > Australian Centre for Plant Functional Genomics
- > ARC Centre of Excellence in Plant Cell Walls
- > The Plant Accelerator
- > Vineyard of the Future

The Waite Research Institute supports the development of strategic projects aimed at addressing global problems, and the future competitiveness of Australia's agricultural, wine and food industries.

In 2011, four areas of focus were developed for the Institute's activities:

- > Growing the University's research on the Waite Campus
- > Developing research leadership capabilities
- Developing a vision for the future directions and opportunities on the campus
- > Enhancing public understanding of Waite Campus research.

Waite Institute 2011 highlights include:

- > Achieving a maximum score of 5 (above world class) for all Waitebased research areas under the Australian Government's ERA initiative that assesses research quality within Australia's higher education institutions.
- > The launch of the ARC Centre of Excellence in Plant Cell Walls led by Professor Geoff Fincher.
- > The commencement of the Vineyard of the Future project for continuous monitoring of vine performance and berry development.



Director:

Professor Mike Young BAgSc, BEc, MAgSc, GAICD

The Environment Institute

www.adelaide.edu.au/environment

Institute focus

Management of natural resources under changing climate and economic conditions.

Key research units

- > Australian Centre for Evolutionary Biology and Biodiversity
- > Australian Centre for Ancient DNA
- > Water Research Centre
- > Marine Biology Program
- > Landscape Futures Program
- > Climate and Ecology

Launched in 2009, and now a firmly established and well-known entity, the Environment Institute is creating and leading large-scale research initiatives which aim to deliver globally competitive solutions to environmental problems. During the past year, the Institute engaged with the community in numerous ways, being involved in a total of 34 events, including public guest speakers, conferences, internal seminars, and collaborating with external partners to put on large-scale public events.

Environment Institute 2011 highlights include:

- > Hosting the Fourth International Barcode of Life Conference in partnership with the Consortium of the Barcode of Life. This weeklong conference saw the University play host to 463 delegates from 61 countries.
- > Hosting a public talk by Professor Ross Garnaut, attended by 800 people who came to hear him present his Climate Change Review update.
- > Assisting with the development of the sustainability program for Earth Station, WOMAD's inaugural festival bringing together speakers and entertainers from all over the world.
- Co-hosting a public debate where panellists, including Senator Penny Wong and the Lord Mayor of Adelaide, discussed leadership and climate change.
- > Developing cutting-edge marine and landscape programs that seek to answer some of the complex environmental issues facing the world.

This work aims to complement and expand the University's world-class research. In 2011, Environment Institute members contributed 184 academic publications.

Research Centres

The University now has approximately 50 approved research centres across the spectrum of its research strengths. Building on this expertise, a number of new centres were announced during the year, including the Centre for Personalised Cancer Medicine, the Australian Population and Migration Research Centre, the Centre for Coastal Research, and the Centre for Molecular Pathology.

The year 2011 also saw the launch of three new national ARC Centres of Excellence (CoE) in which the University is involved, and the start of the University's participation in a fourth existing centre. These are prestigious hubs of expertise through which high-quality researchers maintain and develop Australia's international standing in research areas of national priority.



The ARC Centre of Excellence in Plant Cell Wall Biology

The CoE in Plant Cell Walls is a collaboration between the universities of Adelaide, Melbourne and Queensland, in partnership with South Australian Government and seven international institutions. Established in 2011 with \$20.5 million from the Australian Research Council, and \$11.5 million from the partner institutions, the Centre is hosted by the University of Adelaide at the Waite Campus, and has nodes at both Melbourne and Queensland universities. The Centre focuses on the role of plant cell walls as a renewable source of fuel, in improvements in human health, and as superior raw materials for industry.

In the first half of 2011, the collaboration agreement for the Centre was executed by the three collaborating organisations in Australia and seven overseas partner organisations. New staff have been actively recruited, with approximately ten new scientists to be located in Adelaide. It is also worth noting that the Centre has had some initial success in winning bilateral grants from international funding bodies accessible to partner investigators, but not normally available to Australian research scientists.



ARC Centre of Excellence for the History of Emotions

The University of Adelaide is a partner organisation in the ARC CoE for the History of Emotions, headquartered at the University of Western Australia. The Centre has secured funding of \$24.25 million over seven years. Research is aimed at addressing the big question of how societies think, feel and function, in order to provide greatly enhanced understandings of how to improve emotional health among modern Australians. In October, the centre saw the appointment of a new team of associate investigators from a variety of disciplines across Australia. The University of Adelaide is host to the Change Research program, which focuses specifically on the formations and effects of mass emotions and emotional communities.



ARC Centre of Excellence for Particle Physics at the Tera-Scale

The University of Adelaide is a partner organisation in the ARC CoE for Particle Physics at the Tera-Scale, headquartered at the University of Melbourne. The Centre has been awarded \$25.2 million over seven years from the Australian Research Council. The Centre is coordinating tera-scale high-energy physics research across Australia, with the Adelaide node led by Australian Laureate Fellow Professor Tony Thomas. Building upon the huge media interest in the Large Hadron Collider, the Centre will highlight the benefits of big science. The Centre's research program includes searching for evidence of extra dimensions and the origin of dark matter.



ARC Centre of Excellence in Plant Energy Biology

In 2011, the University of Adelaide established a local node of the ARC CoE in Plant Energy Biology. The Centre's headquarters is located at the University of Western Australia. The new node is led by Professor Steve Tyerman, an esteemed researcher in nutrition, salinity and water transport in plants, and is based at the Waite Campus. Research conducted by the Centre is contributing resources and knowledge for improving plant performance, particularly in marginal environments and in response to climate change, thereby providing the means to enhance the yield and nutritional value of a range of agricultural products.

Commonwealth Funding for Research

Australian Research Council (ARC)

The University of Adelaide was awarded \$12.5 million in ARC Discovery Project (DP) funding, \$2.2 million in Linkage Project (LP) funding, and \$650,000 for Linkage Infrastructure, Equipment and Facilities projects. In addition to the direct ARC funding, the LPs leveraged \$4.3 million of cash and in-kind contributions from partner organisations. It should be noted that this year saw a 26% reduction in the total national funding allocated to the ARC DP scheme (this money has been reallocated to the new Discovery Early Career Researcher Awards, of which the University had eight successful applicants). Within this funding environment, the University saw a slight increase in both total funding and the number of awarded projects from the previous year.

Nationally, the University increased its total share of the DP pool of national funding from 3.91% to 5.26% and was the only Go8 institution to have increased its project grant award numbers and total funding for DPs compared to the previous year. It was also the first time since 2008 that the University's success rate was better than the national average.

Of the 26 new ARC Discovery Outstanding Researchers Awards (DORA) allocated nationally, the University attracted three, or 11.5%. These went to Professor Gus Nathan, Dr Adrienne Paton and Associate Professor Samer Akkach. Relatively, this is an excellent result for the University.

Examples of the 37 new Discovery Projects awarded, include:

> Islam and the ethos of science in the post-Copernican period

This project is designed to contribute to the global efforts of reasserting the common moral and humanist values both Muslims and westerners share in today's divisive world. Project led by Associate Professor Samer Akkach

> Meta-modelling of ecological, evolutionary and climatic systems dynamics

This project aims to improve forecasts of the response of biodiversity to future climate change and thus improve onground conservation management. Project led by Professor Barry Brook.

> Quantifying the impact of wind farm noise on rural communities

- > This project is directed at quantifying the level and character of wind farm noise experienced by rural communities, to understand if the medical symptoms experienced by these communities are caused by the emitted sound. Project led by Professor Colin Hansen.
- > Building an Indian Ocean region: the Indian Ocean region is overwhelmed by chronic poverty, precarious political systems, and conflicting ethno-religious identities.

The project will document attempts at constructing regional identities and institutions, and facilitate the process of building a secure region. Project led by Professor Tim Doyle.

As just one example of the nine successful ARC Linkage Projects (collaborations between the University and external partners), funding has been granted for Smart Bungs for wine monitoring. In association with Fosters Group Ltd, Orlando Wyndham Group Pty Ltd, and the Yalumba Wine Company, Professor Tanya Monro is leading a project to develop optical fibres to monitor wine production using only nano- to microlitre-scale volumes, significantly reducing wastage and improving quality.

National Health and Medical Examples of the 45 **Research Council (NHMRC)**

The University and its affiliate organisations, SA Pathology, the Royal Adelaide Hospital, Queen Elizabeth Hospital, the Women's and Children's Hospital, the Women's and Children's Health Research Institute and the Lyell McEwin Hospital, were awarded a record total of \$44.8 million by the NHMRC. It is worth noting that:

- > The University achieved the best funding in Australia relative to size, and was the sixth most successful in absolute terms.
- > In funding terms, project grants increased from \$22.8 million last year to \$33.5 million this year.
- > Twelve University of Adelaide researchers and affiliates received \$6.3 million in total for Early Career and Research Fellowships; and
- > The University was awarded two new Centres of Research Excellence, focusing on nutrition. These are: 'Food for future Australians', Human Nutrition Professor Maria Makrides and 'Dental health services research for improved oral health', dental health services Associate Professor David Brennan. These centres were awarded \$2.5 million and \$2.4 million respectively.

NHMRC-funded project grants include:

- > Docosahexaenoic acid for the reduction of bronchopulmonary dysplasia in preterm infants born at less than 29 weeks gestational age. Project led by Dr Carmel Collins.
- > Diet and exercise intervention for paternal obesity improves offspring health. Project led by Dr Michelle Lane.
- > Does antenatal magnesium sulphate given to women at risk of preterm birth between 30 and 34 weeks' gestation reduce the risk of death or cerebral palsy in their children? Project led by Professor Caroline Crowther.
- > Does periodic fasting improve insulin sensitivity and metabolic health in humans? Project led by Associate Professor Leonie Heilbronn.
- > Evaluation of new therapies to improve survival of children with relapsed acute lymphoblastic leukaemia. Project led by Associate Professor Tamas Revesz.





Other Research Funding

The Grains Research Development Corporation provided over \$14 million for new projects in 2011–12. This includes funding for projects aimed at increasing malt extract and the export competitiveness of Australian barley (led by Dr Jason Eglinton); and for the Pulse Breeding Australia Germplasm Enhancement Program (led by Dr Jeff Paull).

Dr Lisa Moran, from the University's Robinson Institute and School of Paediatrics and Reproductive Health, was awarded \$450,000 by the National Heart Foundation and SA Health, to look at the most effective ways of reducing heart disease in women and children.

Funding was received from the South Australian Premier's Science and Research Fund to boost a number of the University's research capabilities in key areas. This included funding to:

- the Institute for Photonics and Advanced Sensing for optical fibre research equipment
- > the Adelaide Proteomics Centre to support research into the fight against diseases such as cancer and the development of therapeutics to treat the disease
- > the Australian Wine Research Institute, (part of the Wine Innovation Cluster at the Waite Campus) to enhance research services to support bioscience research across a range of fields, including enabling wine producers to have greater control over wine quality and characteristics.

In 2011, the Premier announced that the South Australian Government would be providing a further \$2 million to the SA Centre for Geothermal Energy Research, which is a resounding endorsement of the importance of developing novel solutions to challenges of sustainable energy delivery. This follows the initial \$1.6 million awarded by the state government in 2009 to establish the Centre.



Research Commercialisation

This year was another very successful year for the University's commercial development business, with revenue up more than 10% from the previous year to more than \$39 million. The bulk of this income is generated from approximately 500 applied research agreements with the private and public sector, managed by Adelaide Research & Innovation (ARI) in partnership with researchers from all faculties. It is worth noting that commercial revenue has quadrupled since 2004 and doubled since 2006, a remarkable statistic in these tough economic times.

ARI also made good progress on commercialisation of technology, with a significant increase in royalties and a number of new deals signed. ARI and the University agreed to commit further funding for ARI's Commercial Accelerator Scheme (CAS), a proof-of-concept commercial concept fund which has so far awarded approximately \$2.5 million to a dozen projects. One specific example of a project aided by the CAS is Professor Wormald's chitosan-based woundhealing gel, successfully commercialised with the world's largest medical technology company, Medtronic. Once translated to market, the new gel has the potential to benefit millions of people around the world who undergo sinus surgery. Three new projects were approved for CAS funding in December, in the fields of pipeline and laser technology, as well as an extension of the chitosan technology to new applications.

In addition, ARI continued its commitment to provide commercial training and development, with hundreds of researchers attending ARI commercial awareness sessions, including a very successful session presented by BHP Billiton and the Department of Water on how to engage better with the private and public sectors.

This year was another very successful year for the University's commercial development business, with revenue up more than 10% from the previous year to more than \$39 million.



Research Collaborations

Members of the University regularly collaborate with industry, government, other research institutions and the general community in many and varied ways. The following section provides just a few examples of such activity in 2011.

New technology for new mums

Adelaide health researchers are leading an Australia-first program designed to improve the mental health and wellbeing of new mothers and infants by combining nursing services and innovative new technology. The program is being undertaken by a team of clinicians and researchers, led by Professor Michael Sawyer, from the University of Adelaide and the Child and Family Health Service. Funding for the four-year project will be provided by NHMRC; the South Australian Children, Youth and Women's Health Service; and the South Australian Department of Health.

Genetic tracking of forest products

DNA 'fingerprinting' of timber products has grown in international recognition due to research led by the University of Adelaide that traces individual logs or wood products back to the forests from where they came. Professor Andrew Lowe, Director of the University's Australian Centre for Evolutionary Biology and Biodiversity, and Dr Hugh Cross from the State Herbarium of South Australia, have been working on this innovative technique with Singapore company Double Helix Tracking Technologies; a leader in applied genetics for forest trade and conservation.

Renewable fuel from organic waste

The University's FOODplus Research Centre has teamed with Peats Soil and Garden Supplies, a major manufacturer and distributor of organic farm and garden products, to promote renewable fuel. The project, supported by an ARC Linkage Grant, is aimed at developing new methods of producing biodiesel from various organic and food wastes, with researchers setting up biodiesel production equipment at one of the company's operational sites near Murray Bridge.

Reducing social isolation amongst the aged

Social isolation imposes a high cost on affected individuals and the community at large. Professor Andrew Beer from the Centre for Housing, Urban and Regional Planning is leading a team of researchers to evaluate intervention strategies to reduce social isolation amongst the aged. This project is being undertaken in partnership with Anglicare SA, Benetas, Council on the Ageing Queensland, ECH, Illawarra Retirement Trust, and Silver Chain Nursing Association. The project is funded by an ARC Linkage Grant.

Health and Medical Research in South Australia

Within the area of health and medical research, the University has been actively involved in pursuing further opportunities for collaboration with the new South Australian Health and Medical Research Institute (SAHMRI). This organisation is bringing together leading health and medical researchers in a new \$200 million facility, integrated with the new Royal Adelaide Hospital, and which is intended to strengthen the links between research and clinical care.

Professor Andrew Lowe Photo: Michael Mullan

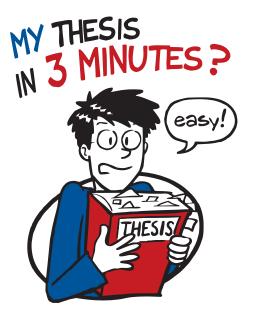
Research Training and Scholarships

The University of Adelaide has an outstanding history of high-quality research training. In 2011, the number of researchintensive postgraduate degrees awarded was 294.

The future for those undertaking higher degrees by research at the University of Adelaide continues to be bright. In total, 543 new students enrolled in 2011, with 373 domestic students and 170 international students.

In 2011, 146 University of Adelaide students were recipients of Australian Postgraduate Awards. The University also administered 150 divisional scholarships and 65 scholarships for international research students that covered tuition fees and paid a living allowance. The successful recipients came from a diverse range of countries including Romania, Germany, Mexico, Thailand and Canada.

The Adelaide Graduate Centre is constantly evolving to meet the changing needs of students and their supervisors. The Centre plays a vital role to ensure that candidates are well administered and students are supported at every stage of their research training. A highlight in 2011 was the release of the ORBIT online application module for higher degree by research admission and scholarship applications. The movement of applications to different areas is handled within the online system, reducing paperwork and providing a facility by which different University areas can easily monitor the progress of applications.



Three Minute Thesis

The Graduate Centre was pleased to once again offer the Three Minute Thesis competition. The event was open to higher degree by research students who had just three minutes and one static slide to explain their thesis topic and its significance to an intelligent but non-specialist audience. Amy Ryan won the competition with her research thesis presentation 'Weighing in on whey: the effects of protein on gastrointestinal function'.

China Scholarships

The China Scholarship Council (CSC) and the University of Adelaide jointly offer prestigious postgraduate research scholarships to students from the People's Republic of China to undertake a postgraduate research degree at the University of Adelaide. Eleven CSC students arrived in Adelaide in September 2011 and began their studies in a diverse range of projects, including:

- > Maoism in India and Australia
- > Study of Elemental S Oxidation in soils
- Power electronics for small-scale wind turbines
- A microbial approach to the production of tartaric acid
- Alternative media gigs roots organisation and HIV Intervention in western China: Chengdu Gay Community Organisation.

Investing In Research Infrastructure

Following a 2010 review of Laboratory Animal Services (LAS), it was decided to replace open-top cages for the care of rodents with individually ventilated cages (IVCs). This was important from both a best-practice perspective, as well as a way of providing an improved OH&S working environment. Following a trial of the IVCs, which saw positive researcher feedback indicating significantly increased research productivity (with more consistent results, pregnancies, and calmer animals, etc.), it was agreed to allocate significant funding for the installation of IVCs, cage change-stations, new cage washers and a new semi-automatic watering system. This was an important investment in the University's research infrastructure, necessary to support ongoing and highly successful research activities in Sciences and Health Sciences

In August 2011, the Wind Tunnel was launched at the Thebarton Research Precinct. It could not have been built without the strong financial support of the South Australian Government through the Premier's Science and Research Fund, which provided approximately \$900 thousand. The Wind Tunnel is designed to support research activities in areas such as renewable energy, defence, sports science and aerospace. As the only industrial-scale wind tunnel in South Australia, it will be of great value to a variety of companies and enterprises as it can clearly be applied to commercial work as easily as to fundamental research.

Adelaide Microscopy received a number of new pieces of equipment, as it continues to provide researchers with access to the latest platform technologies. This infrastructure includes a new 193nm Excimer Laser Ablation system and ICP-MS, which will be configured for trace element and isotope mapping, an exciting and emerging technique. Optical microscopy has also received a boost with the installation of a Second Harmonic Generation Multiphoton Microscope, LaVision Biotec TriM Scope II. This unique imaging technique adds to the range of advanced fluorescence optical techniques in Adelaide Microscopy.

Awards and Achievements

Scopus Young Researcher of the Year Award

Professor Tanya Monro, Director of the Institute for Photonics and Advanced Sensing, won the 2011 Scopus Young Researcher of the Year Award for Physical Sciences. The prize recognises Australian researchers who are well known internationally for their achievements and dedicated contributions to research. Professor Monro's research is driving a new wave of innovation in photonics to create advanced and powerful new sensing technologies.

South Australian Science Excellence Awards

At the SA Science Excellence Awards in November, Professor Peter Langridge was named South Australia's 2011 Scientist of the Year. Professor Langridge, CEO of the Australian Centre for Plant Functional Genomics (ACPFG), won the award in recognition of his significant contribution to improving agricultural products in South Australia over a 30-year career. A key player in the development and delivery of molecular marker technologies to the Australian wheat and barley breeding programs, Professor Langridge has helped to establish the ACPFG as a world-class research institute with a strong international reputation for excellence in crop research.

At the same event, Dr Natasha Rogers (University of Adelaide 2011 PhD graduate) won the award for PhD Research Excellence—Health and Medical Sciences; and Dr Stephen Warren-Smith (ARC Super Science Fellow in the School of Chemistry and Physics) won the award for PhD Research Excellence—Physical Sciences/Mathematics/Engineering.

Young Investigator Award

In late October, Ms Nadira Ruzehaji, a PhD student in the School of Paediatrics and Reproductive Health and the Women's and Children's Health Research Institute, won the 2011 Young Investigator of the Year for South Australia. The award was for her research into the development of a new antibody cream which promotes faster healing and less scarring in young burns victims.

South Australian of the Year Awards

Professor John Coetzee won the Arts Award in the South Australian of the Year Awards, announced in November 2011. The Nobel Laureate Professor Coetzee is a Professor of Literature in the discipline of English and Creative Writing, and lends his name to the new research centre, the J.M. Coetzee Centre for Creative Practice.

Clinical Associate Professor in the School of Medicine, and Director of the Royal Adelaide Hospital's world-class Burns Unit, Dr John Greenwood won the South Australian of the Year Health Award.

Australian Academy of Science

In December 2011, the Australian Academy of Science recognised two University of Adelaide researchers for their scientific excellence. Professor Tanya Monro, Director of the Institute for Photonics and Advanced Sensing, won the Pawsey Medal, which recognises outstanding research in physics by scientists under the age of 40. Ms Rebecca West, a PhD student in the School of Earth and Environmental Sciences, won research support from the Margaret Middleton Fund. This fund assists research into native Australian endangered animals for better understanding the causes of their decline and the means for their recovery.

Global Energy Prize appointment

Professor Barry Brook, Director of Climate Science in the Environment Institute, became the first Australian appointed to the international selection committee of the \$1.2 million Global Energy Prize. Known as the Nobel Prize of Energy, this international award is granted for outstanding scientific achievements in the field of energy, which have benefited humanity.

Channel 9 Young Achiever Award

Rhodes Scholar and University of Adelaide graduate Rebecca Richards was named the 2011 Channel 9 Young Achiever of the Year for South Australia. In 2010, Rebecca made history by becoming Australia's first indigenous Rhodes Scholar. She is an advocate for indigenous health and attended the United Nations forum on indigenous issues in New York. As well as being named Young Achiever of the Year, Rebecca also won the Office for Youth Aboriginal Achievement Award for 2011.

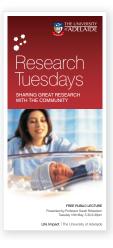
Tall Poppy Awards

Five University of Adelaide researchers and one affiliate were among eight South Australian winners of the 2011 Tall Poppy Awards for science. Among the winners were: Dr Stuart Brierley, School of Medicine, and School of Molecular and Biomedical Science; Dr Laura Brooks, School of Mechanical Engineering; Dr Phillip Gregory, SA Pathology, and affiliate with the School of Medicine; Dr Claire Jessop, School of Medicine; Dr Tara Pukala, School of Chemistry and Physics; and Dr Mark Tingay, Australian School of Petroleum.

Academic Fellowships

Australia's leading Learned Academies again recognised staff and affiliates of the University of Adelaide in 2011. Two University of Adelaide researchers were elected as Fellows to the Australian Academy of Science. This honour recognises a career that has significantly advanced, and continues to advance, the world's scientific knowledge. They are Professor Mathai Varghese, School of Mathematical Sciences, for his work in geometric analysis involving the topology of manifolds; and Dr George Ellis Williams, School of Earth and Environmental Sciences, for his work in the fields of sedimentology, palaeoclimatology, palaeomagnetism, meteoritics and Earth-Moon dynamics.

Professor Robin Prior, Visiting Research Fellow in the School of Humanities, was elected as a Fellow of the Australian Academy of the Humanities in recognition of his research into military history. Professor Lisa Hill of the School of History and Politics was elected to fellowship of the Academy of Social Sciences in Australia. Her areas of research interest include electoral law and electoral inclusion, as well as issues in liberal democratic rights and theory.



Research Tuesdays

Held on the second Tuesday of each month, Research Tuesdays are about sharing with the community the breadth and depth of the University of Adelaide's great research. Topics are presented by leading researchers in their fields, and reveal how the latest research at the University is making a positive impact on local and global communities.

In 2011, the University hosted ten Research Tuesdays public lectures and one forum. The events were attended by over 1900 people with a satisfaction rate of over 90%. Topics discussed were from a range of discipline areas including: creative writing, animal and veterinary sciences, vaccinology and immunology, human health and renewable energy, wine economics and politics.

Further information regarding Research Tuesdays can be found at: http://blogs. adelaide.edu.au/researchtuesdays/

University Research Centres (53)

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Adelaide Centre for Economics (ACE)							
Adelaide Centre for Neuroscience Research							
Adelaide Radar Research Centre							
ARC Centre of Excellence in Plant Cell Wall Biology							
Australian Centre for Ancient DNA (ACAD)							
Australian Centre for Evolutionary Biology & Biodiversity (ACEBB)							
Australian Centre for Plant Functional Genomics (ACPFG)							
Australian Centre for Visual Technologies (ACVT)							
Australian Institute for Social Research (AISR)							
Australian Population and Migration Research Centre							
Australian Research Centre for Health of Women & Babies (ARCH)							
Australian Research Centre for Population & Oral Health (ARCPOH)							
Centre for Biomedical Engineering (CBME)							
Centre of Clinical Research Excellence (CCRE) in Nutritional Physiology							
Centre of Clinical Research Excellence (CCRE) for Oral Health							
Centre for Coastal Research							
Centre for Defence Communications and Information Networking (CDCIN)							
Centre for Digestive Health & Nutrition							
Centre for Energy Technology (CET)							
Centre for Geothermal Energy							
Centre for Heart Rhythm Disorders							
Centre for High Performance Integrated Technologies & Systems (CHiPTec)							
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Centre for Labour Research							L
Centre for Molecular Genetics of Development & Disease (CMGD)							
Centre for Molecular Pathology							
Centre for Orofacial Research & Learning (CORAL)							
Centre for Personalised Cancer Medicine							
Centre for Quantification & Management of Risk							
Centre for Soil Plant Interactions							
Centre for Stem Cell Research (CSCR)							
Centre for Tectonics and Resource Exploration (TRaX)							
Centre for Traumatic Stress Studies							
Centre of Expertise in Photonics (CoEP)							
Children's Research Centre							
Data Management & Analysis Centre (DMAC)							
Defence Systems Innovation Centre (DSIC)							
Ethics Centre of South Australia							
Fay Gale Centre for Research on Gender							
FoodPlus Research Centre							
Freemason's Foundation Centre for Men's Health							
Indo-Pacific Governance Research Centre (IPGRC)							
Institute for Geometry & its Applications (IGA)							
International Centre for Financial Studies (ICFS)							
JM Coetzee Centre for Creative Practice							
Mosaic Fertilizer Technology Research Centre							
Research Centre for Reproductive Health (RCRH)							
Research Centre for the Early Origins of Health & Disease (EOHaD)							
South Australian Centre for Economic Studies (SACES)							
Water Research Centre							
Wine Economics Research Centre							



Internationalisation

The internationalisation area of the University is led by the Pro Vice-Chancellor International and amongst other things, is responsible for identifying international opportunities, facilitating strategic alliances and institutional links, and managing the University's international agreements. Additionally, the area develops strategies for international student recruitment, provides quality assurance in relation to service provision for international students and faculty support, to ensure incorporation of internationalisation activities into core business.

Highlights of the University's international activities:

- > continued growth (4.1%) in international student numbers, in a year when there was a downturn nationally
- winning the Business SA Export Award (Education and Training Category), for the second year in a row
- > hosting 170 New Zealand students from the University of Canterbury for Semester 1, while their university recovered from the earthquake which devastated Christchurch
- results of the 2011 International Student Barometer survey showing that Adelaide University is the Go8 university which is the most highly rated by its international students
- > the University's Peer Mentor Program for international students winning the Youth Organisation Award in South Australia's Multicultural Awards
- > two University of Adelaide students were recipients of South Australia's inaugural International Student of the Year Awards
- a record number of University of Adelaide students undertook an overseas study experience



International Student Enrolments

The University achieved substantial growth in its international student enrolments, exceeding its commencing load targets, notwithstanding the increased international competition and the troubles facing Australian international education due to immigration changes and the strengthening of the Australian dollar. However, as the impact of these events deepens, the outlook is for a reduced international student intake in 2012; second semester 2011 was the first time in ten years the University saw a drop in the number of commencing international students.

In 2011, the overall international student load increased by 4.1%, from 5564 Equivalent full-time student load (EFTSL) in 2010, to 5792 EFTSL at the end of 2011. International students comprised 29.5% of the University's total student load, and 27.9% of the student load on the Adelaide local campuses. Particularly pleasing was the strong growth (23%) in postgraduate research students.

The total number of international students (persons rather than student load) reached 7207 in 2011, a 2.4% increase on the previous year. Of these, 691 students were enrolled offshore in Singapore. The top source countries were (in order) China, Singapore, Malaysia, Hong Kong, Vietnam, Indonesia, Republic of Korea, USA and India, with students also drawn from 91 other countries. This was the first time South Korea appeared in the top ten.

The University won the 2011 Business SA Export Award (Education and Training Category). International students make a substantial contribution to the South Australian economy. International students at the University contributed \$127 million in tuition fees in 2011, plus a similar amount towards their living costs. International education is the number one service export industry in South Australia.

A critical factor in reversing the downward trend in fee-paying international students in Australia was the need for major improvements in the student visa system. The University welcomed the Australian Government's acceptance of the recommendations of the Knight Review: the relaxation of the financial assets test for students from higher risk countries and the liberalising of access to post-study work opportunities will do much to restore Australia's international competitiveness in attracting students from overseas. At the same time, there will be costs to the University in taking on the added responsibilities for verifying the authenticity of information in student visa applications in order to speed up their processing.

In addition to enrolment of international students, the University hosted a number of groups of international visitors for programs of several weeks' duration. The Institute for International Trade twice delivered a three-month trade policy and negotiation training program for government officials from 16 African countries, under AusAID's Australian Awards for Africa short-course program. This training program will continue into 2012. AusAID also awarded the Institute funding to manage the Pacific Islander trade training program where trade officials from each of the 14 Pacific Island Forum countries commenced a training program in how to become competent trade negotiators, with one-week modules being spread over the next 18 months. Along with the annual China Mayors training program, the Institute has

The Institute for International Trade has now consolidated a strong reputation among funding bodies for the delivery of high quality trade and sustainable development training programs, not only in the Asia–Pacific region but also in Africa.

now consolidated a strong reputation among funding bodies for the delivery of high quality trade and sustainable development training programs, not only in the Asia–Pacific region but also in Africa.

The University's Professional and Continuing Education (PCE) through its English Language Centre saw sustained demand for its range of English language programs, professional development and English teacher training services for international students and visiting groups. In 2011, it conducted short-term study tour programs for 24 groups made up of over 450 students from Japan, China, Vietnam, the United States and Korea. It had over 640 students undertaking its Pre-enrolment English program (PEP), which provides a direct-entry pathway to undergraduate and postgraduate programs at the University, and over 140 students from 30 different countries enrolled in the General English for Academic Purposes (GEAP) program. PCE is a Test of English as a Foreign Language (TOEFL) testing centre and runs regular tests for international students from a wide range of institutions in Adelaide.

PCE also successfully delivered the Department of Education, Employment and Workplace Relations (DEEWR) 2011 Endeavour Language Teacher Fellowships (ELTF) program, in collaboration with Austraining International, organising the in-country (overseas) study programs in nine countries. As a result of its success, PCE has been retained to deliver the ELTF programs in 2012 and 2013. In 2012, the ELTF will offer programs in ten countries in Arabic, Chinese, French, German, Greek, Indonesian, Italian, Japanese, Spanish and Vietnamese.

International Admission and Recruitment

The recruitment activities of the International Office were mostly undertaken in China and South-East Asia in 2011. Staff visits for student recruitment events were supplemented by the activities of dedicated in-country representatives in China, Indonesia and India. In 2011, an in-country appointment was made in Malaysia for the first time, and an additional person was appointed in Beijing to service the China market.

The University was particularly successful in continuing to rebuild the AusAID Scholarship student numbers, with expected students in 2012 far exceeding recent intakes and coming from 30 different developing countries. The first graduates from the specialised Australia–Iraq AusAID Scholarship program completed their Masters degrees in December 2011.

The International Office successfully implemented a new online application management system delivered in conjunction with the South Australia Tertiary Admissions Centre (SATAC), including the development of a successful interface with PeopleSoft.

Other initiatives introduced included the launch of a Chinese language website for prospective students and their parents; guaranteed offers of accommodation in University housing (packaged with selected academic offers); and expanded recognition of English language proficiency tests to include the Pearsons PTE and the Cambridge Certificate of Advanced English (CAE).

International Student Experience

The 2011 International Student Barometer survey found that the University of Adelaide is the most highly rated Go8 university by its international students on overall satisfaction and satisfaction with arrival services, with student support services. and with lifestyle experiences. It is also the Go8 university most highly recommended by its international students. The level of international student satisfaction has shown a progressive increase over the four years the University has participated in this survey. Nevertheless, the survey continues to point to two areas where there is a need for further improvement: the development of friendships with locals, and careers development/work experience.

With respect to the former, the Language and Cultural Exchange Program coordinated by International Student Centre (ISC) ran a series of activities designed to connect international students with the University and broader community. Events included student-led activities as well as presentations from the local business community. In total, 18 events were held with over 700 students participating. Another example was the Multicultural Debating competition, in which all teams comprised a mixture of international and domestic students.

The pilot Student Leadership Certificate Program was introduced in 2011. The ISC was a significant contributor to the curriculum development and the delivery of the first five training modules. Students who volunteer over 120 hours in Universityapproved programs are eligible to receive the certificate. Recipients are able to provide evidence of training and participation to prospective employers. The feedback from employers indicates that this will increase the competitiveness of our graduates in graduate recruitment processes.

The University's Peer Mentor Program won the Youth Organisation Award in South Australia's Multicultural Awards for 2010, presented at Government House on 21 February. The citation reads:

The Peer Mentor Program is an example of genuine selflessness by young people seeking to help others. The program is run by current students who volunteer to help new students settle into Adelaide and university life. In the past year its impact has been astonishing, with 43 young students providing support to more than 2000 new international students in Adelaide. Even more impressive is the fact that the 43 volunteers comprised 15 Australian students and 28 others from 14 different countries – a truly multicultural organisation.

Miss Yee Mun Fan, a final-year engineering student and University scholarship holder, won this year's Merdeka Award for the top Malaysian student in their final year at a South Australian university. Alexander Osti was among 15 Australians awarded an Australia-China Council/Australian Chamber of Commerce nine-month graduate traineeship in Beijing. Two University of Adelaide students were recipients of South Australia's inaugural International Student of the Year Awards, presented by the Governor on 14 October. Ms Nghia Nguyen Trong, an engineering student from Vietnam was the joint winner of the undergraduate Academic Excellence Award, while Mr Ramanathan Thurairajoo, an environmental policy student from Singapore received the Community Participation Award.

The University provided interim financial assistance for 12 international students from Libya, who had been left stranded in Australia without funds for study and living costs due to the conflict in their home country.

The International Careers Evening was once again held on campus in October for more than 140 students. International students heard from the Department of Immigration and Citizenship about visa requirements as students move into the workforce. The International Careers Evening is for all students seeking overseas experience, and for international students seeking work experience in Australia. During the evening, students heard from industry representatives, from organisations including Ernst & Young, Australian Internships and Santos. Two international students also shared their experiences about gaining an internship with Microsoft and a graduate position with KPMG respectively. International students have shown strong support for a variety of Careers Service programs. These have included: National Career Development Week activities, Careers-on-the-Move Industry Visits, the Student Employability Skills Challenge and weekly workshops for résumé building and application advice. The University of Adelaide Careers Service assists students to achieve career goals and make the transition from university student to workplace professional.

Study Abroad and Student Exchanges

Over 400 students participated in an international study experience. In previous years the largest number of students studying overseas participated in semester long or year-long exchange programs. However, in 2011 there was a dramatic increase in the number of students studying for shorter periods. There were 254 exchange students and over 150 participated in short-term study tours and programs. This trend is evident around Australia and works well for those students who for family, work or personal reasons are unable to undertake a semester or year of study overseas. Short programs, study tours, and summer and winter schools are an important complement to our exchange programs and will facilitate the University's goal of significantly increasing the number of students undertaking international study.

The University received four grants from DEEWR's new Study Overseas Short-Term Mobility Program, to send 42 students to Chile, China, India and Indonesia. The Faculty of the Professions also provided financial support to students going abroad for short-term study experiences such as summer/winter schools. As part of an ongoing overseas studio program, 13 thirdyear students from the Bachelor of Design Studies travelled to Edinburgh for a threeweek design studio.

The annual Exchange Fair for students was held in April, with 11 overseas partner institutions represented. The event was wellattended, with a large number of current and former exchange students helping.

The primary source of funding for undergraduate exchange programs has been through the Department of Education, Employment and Workplace Relations' (DEEWR) Endeavour program. There were 112 scholarships of \$5000 received in 2011. The majority of this funding was for exchanges with universities in Asia. A highlight was the success of the new exchange program with Universitas Gadjah Mada (UGM) in Indonesia. This relationship is flourishing, with seven students from each institution participating in 2011. However, DEEWR has now changed the goals of its Endeavour funding for international student exchanges. These will no longer be focused on Asia.

During the year, the University signed new student-exchange agreements with quality universities in Canada, China, France, Italy, Korea, Peru, South Africa and Spain.



Singapore Venture

The University currently offers four Bachelors, six Masters, seven Graduate Diploma and Certificate programs at the Ngee Ann -Adelaide Education Centre in Singapore, with 691 students enrolled in 2011. The full-time Bachelor of Commerce was launched in May 2011. The program is offered on an advanced standing basis for polytechnic diplomats; the University plans to launch the full three-year program in 2013, with the capability to articulate both domestic and international students. The latter will require EduTrust registration, and preparation for this process is currently under way.

The School of Education delivered its first Business to Business (B2B) program in Singapore in 2011. Twenty academic staff of the Ngee Ann Polytechnic were sponsored by their polytechnic and have enrolled in the Master of Education. The School of Education received a number of invitations to present professional development seminars to elite schools in Singapore, and hopes to arrange for more B2B tie-ups with potential educational institutions in Singapore.

Due to a delay in the Council for Private Education approval for the Master of Clinical Science, the program will now be introduced in 2013. This will be the first research degree offered by the University in Singapore.

Internationalisation of the Curriculum

The Centre for Learning and Professional Development (CLPD) provided a focus on internationalisation of the curriculum as part of the staff development courses and workshops provided for academics and sessional teaching staff. The vision of valuing diversity was presented as a basis for effective learning and education for global citizenship. In addition, the CLPD'S Teaching Wednesdays program included a well attended seminar entitled 'Meeting internationalisation and diversity challenges'.

International Alumni

The Vice-Chancellor hosted several alumni gatherings in 2011 including reunions in New York City, Shanghai, Beijing, Kuala Lumpur, Penang, and Singapore. Other alumni events were hosted by the Director of Development and Alumni in Hong Kong and San Francisco, while alumni networks in Kuala Lumpur, Bangkok and London offered a range of activities in those regions. The alumni event in Beijing was also attended by 14 of Adelaide University economics students who were completing a Study Tour at the University of International Business and Economics. During his Beijing visit, the Vice-Chancellor also hosted a lunch for the alumni of the China Mayors program offered through the University's Institute for International Trade. In September, representatives from all seven international networks attended the 2011 Alumni Forum in Adelaide.

Several of the University's international alumni had notable successes during 2011 including Dr Tony Tan Keng Yam, PhD in Applied Mathematics 1967, who in August became the seventh President of Singapore. Also from Singapore, Mr Lim Siong Guan, BE (Mech) (Hons) 1969, was a recipient of the 2011 Distinguished Alumni Award in recognition of his outstanding visionary leadership and extensive contributions to Singapore and its civil service.

For international students in Adelaide, Student and Industry Programs (SIP) were offered to those from Hong Kong and China. The West Malaysia Alumni Network held a Careers Forum (in Kuala Lumpur) presented via video-conferencing facilities to Malaysian students in Adelaide. This forum was followed up by an internship program established by the West Malaysia Alumni Network that saw 17 Malaysian students placed with organisations in Kuala Lumpur during their summer break.



International Partnerships

During the year, 58 international agreements were signed by the University, with a total of 45 overseas institutions: 19 of these signings were to renew existing agreements with the University's overseas partners. The new agreements entered into reflected an increased engagement with China, Indonesia, Italy, South America and South Africa, and the development of double degrees with Germany and Indonesia. The most common types of agreements signed were Memorandums of Understanding (MOUs) for cooperation in research and/or teaching, student exchange agreements, articulation agreements, and study tour agreements.

Demonstrating the value of partnerships was the action the University took to assist its partner the University of Canterbury, following the earthquake that devastated Christchurch in February. The University hosted 170 New Zealand students from the University of Canterbury to undertake their first-semester studies at Adelaide while their university recovered from the earthquake. The University did not charge these students tuition fees, and made special arrangements to assist them as they settled in Adelaide. The University was thanked for these efforts by both the Australian and New Zealand prime ministers when they met with the Vice-Chancellor and three Canterbury students on 20 June.

The University was an active participant in the activities of the Academic Consortium 21 (AC21) which comprises leading researchintensive universities around the world. The University sent three students to the AC21 biennial Student World Forum, held in Thailand on the theme 'Sustainable Rural Development'. The University participated in the AC21 Steering Committee, and made preparations to host the 2012 International Forum in June 2012. Its theme is 'Maximising the Benefits of Internationalisation'.

International visitors to the University included the Iraq's Vice-Minister of Agriculture, the Governor of Kalimantan Timur (Indonesia), the Vice-President of the Chinese Academy of Sciences, the Rector of Stuttgart University, the vice-chancellors of Universiti Malaysia Sabah and Universiti Malaysia Sarawak, and the Rector of North-West University (South Africa).

The University held a full-day seminar on Latin America, attended by the ambassadors of nine Latin American countries, academics and representatives of the mining and energy industries. The seminar sought to increase awareness of the opportunities and create a stronger dialogue between Australia (especially South Australia) and Latin America in areas such as water management, global food security, mineral resources and education.

Above: Australian Prime Minister Julia Gillard and New Zealand Prime Minister John Key pictured with the University of Adelaide Vice-Chancellor and President, Professor James McWha at Federal Parliament.

Photo courtesy of AAP



International Research Collaboration

The University of Adelaide is one of Australia's leading Go8 research-intensive universities and is consistently ranked as one of the top research universities in Australia. As part of its commitment to world-class research, the University encourages its researchers to participate in a wide range of international research collaborations, many of which are aimed at addressing major global challenges. A few examples from 2011 include:

Professor Peter Langridge, from the Australian Centre for Plant Functional Genomics, worked with colleagues in France, UK, USA and Mexico to develop a wheat proposal for the G20 group of countries as part of their strategy to help ensure global food security. Professor Langridge joined Dr Lucas of the French National Institute for Agricultural Research (INRA) to present the plan for an International Wheat Improvement Research Initiative to the G20 Agriculture Deputies in May in Paris, and in August the proposal was accepted by the G20 Agriculture Ministers. The project will provide coordination and support strategy for international wheat research, and its acceptance by the G20 Agriculture Ministers highlights an achievement for coordinated research in this field globally.

Another example centres on improvements in human health. In November, the School of Molecular and Biomedical Sciences hosted a visit of a delegation from the Shanxi College of Traditional Chinese Medicine and the Shanxi Zhendong Group. The delegation visited the University to sign a Memorandum of Understanding aimed at furthering research collaboration and cooperation aimed at elucidating the molecular mechanisms of action of traditional Chinese medicines. The delegation spent most of their time visiting the School of Molecular and Biomedical Science as well as the School of Business and the Faculty of Health Sciences.

The academic programs will cover postgraduate studies and staff development at the University of Adelaide, and the research programs will cover joint research and contract research.

In considering sustainable energy development, new engineering challenges often arise. Early in 2011, the Centre for Energy Technology signed a statement of collaboration with Korea Maritime University's Centre for Ocean Energy Research and Education. One of the first projects on which the two institutions will work involves an investigation into the effect of amplitude modulation on wind farm noise pollution. This project is aimed at numerical simulation of wind farm noise propagation, the behaviour of which in different atmospheric conditions and terrains is still unknown. In recent years, wind farm developers in Canada, the United States, New Zealand and the United Kingdom have faced increasing opposition from neighbouring land holders about the location of wind farm turbines, triggered by noise pollution concerns.

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Community Engagement

Office for Community Engagement

The Office for Community Engagement (OCE) works closely with all spheres of government, industry and local communities to ensure that the University's teaching and research activities have the widest possible impact. Throughout the year, the Director for Community Engagement, Mr Martyn Evans met with senior government and opposition members of parliament in Adelaide and Canberra in order to strengthen the relationship between the University and parliamentary decision-makers.

The Office has maintained its efforts to develop and enhance the University's relationships with the state and federal governments, their agencies and other key stakeholders through targeted networking activities. Some of these activities include offering sponsored invitations to those with a particular subject interest to the Committee for Economic Development of Australia (CEDA); high-profile speaker lunches, invitations to Research Tuesdays, graduation ceremonies, special events and personally escorted tours to communicate University activities and achievements.

Negotiations for the University to partner US education provider Kaplan, to expand access to high-quality career-oriented educational programs have been a significant focus of OCE's government and community relations activities. Other issues of priority have related to Adelaide City Council long term leases for the University Boat Shed and Playing Fields, the sale of University rural properties, Lyell McEwin Health Precinct planning, establishment of the Playford GP Super Clinic, South Australian Research and Development Institute (SARDI) negotiations and together with Office for Strategy, Planning and Recruitment staff, visiting South Australian regional centres to consult with community leaders about local higher education requirements and aspirations.

Through OCE's Graduate Industry Placement Program, students took the opportunity to gain structured workplace experience directly related to their Masters studies at the Defence Science and Technology Organisation (DSTO).

OCE has continued its work to increase the University's presence in Adelaide's northern suburbs through regular attendance at City of Playford Partnership Networking Breakfasts, interaction with public and private secondary schools and supporting the Northern Advanced Manufacturing Industry Group, Concept2Creation program.

The University, with an established presence in the northern region through its Roseworthy Campus has continued in a collaborative

approach to explore future community growth. Under the South Australian Government's 30-year plan for Greater Adelaide, it is anticipated a population increase of 110,000 people will occur over that time. The Roseworthy Alliance comprising the Light Regional Council, local landowners, including the University of Adelaide and developers, has paved the way for a shared urban planning process that will benefit the Roseworthy community and the State of South Australia. The Alliance also underpins the University's commitment to increasing young people's access and participation in higher education, particularly in northern Adelaide.

Preliminary approval from the Light Regional Council for the Roseworthy Town plan was given towards the end of the year capping two years of work by the Alliance and signalling a new beginning for the Roseworthy area and the Campus.

At the start of the year, University staff supporting activities of the Don Dunstan Foundation were structurally transferred from Development and Alumni to the Office for Community Engagement.

Coordinated by OCE, the second Northern Enterprise Education Day (NEED) was held at the Roseworthy Campus. The day offered

The Office for Community Engagement again assisted the Australian Refugee Association operate a Homework Club for secondary school students in the city.

students from Adelaide's northern and the state's mid-north regions the chance to interact with young successful business entrepreneurs. Through various activities, students from Year 10 and 11 were educated about the basics of running a business. Officially opened by Mr Tony Piccolo MP, Member for Light, the day was attended by 45 students from Trinity College, Xavier College, Riverton High School and St Columba College.

OCE also coordinated the 15th Western Region Enterprise Day (WRED) in September at the University's North Terrace Campus. WRED started in 1997 as a way for younger students to learn about business enterprise and entrepreneurship and to strengthen school and community links between the University and the western region of Adelaide. The opening ceremony held in the Napier Building was attended by upper primary and secondary students, teachers, principals, parents, volunteers, and a number of community leaders, including the State Member for Croydon, the Hon. Michael Atkinson MP, who officially opened proceedings.

Teachers were also invited to participate in a Teachers' Learning Program facilitated by Mr Gary Hancock of the University's Entrepreneurship, Commercialisation and Innovation Centre (ECIC) and supported by Mr Chris McGuire from Prince Alfred College. The day was a success with 90 primary and 84 secondary students from 11 schools from the council areas of Port Adelaide Enfield, Charles Sturt and West Torrens attending. Some 51 volunteers (facilitators, presenters and others) and 19 teachers supported the activities of the day.

In 2011, OCE again assisted the Australian Refugee Association (ARA) operate a Homework Club for secondary school students in the city, at the University's North Terrace Campus. Students received mentoring from University students and staff, teachers, retired teachers, general community members and mainstream high school students (as peer mentors). This year saw a growth in the number of students attending; some 20 regularly attending each session.

For the second year, OCE assisted in organising the locally hosted joint South Australian and Federal Parliamentary Alumni Networking Luncheon at the Innova21 building. It was held in recognition of the significant contribution that our parliamentary alumni have made to Australia's political landscape over many years and to encourage them to become more active alumni. About 30 current and former parliamentarians attended.

Throughout the year, Mr Evans has provided faculty-adviser support to the University's Students in Free Enterprise (SIFE) members.



Waite Historic Precinct

The Waite Historic Precinct comprises of the internationally renowned Waite Arboretum, the Urrbrae House Historic Precinct (which is an accredited museum), and the Waite Conservation Reserve. Both the Waite Arboretum and Urrbrae House are listed on the South Australian (formerly State) Heritage Register and National Estate. The Precinct offers a range of facilities and activities for the public, including tours.

Community Engagement staff at the Urrbrae House Historic Precinct are responsible for the delivery of community engagement and educational activities within the precinct, while ensuring the care and conservation of this unique heritage site is maintained. The volunteer-supported Urrbrae House Schools' Program, an interactive educational experience aimed at primary school students, continued in 2011 with 700 children attending the free weekly program. In addition to the work undertaken with primary school children, Urrbrae House also provided specialised history tours for students from local high schools and TAFE.

As part of their commitment to supporting the research and educational activities of the University and Waite Campus collocated organisations, Community Engagement staff facilitated numerous events during 2011 at Urrbrae House, including the official launch of the Australian Research Council (ARC) Centre for Excellence in Plant Cell Walls, research leadership training days, postgraduate mentoring sessions, and functions for the Waite Research Institute, FOODplus Research Centre, Wine Science Group, Plant Protection Group, Soil Science Group, Australian Centre for Plant Functional Genomics, Department of Environment and Natural Resources, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australian Wine Research Centre, and the Group of Eight (Go8) universities.

An inaugural 'Connecting with the Waite' photographic competition and exhibition for staff and students on the Waite Campus was organised by Urrbrae House staff in August.

During 2011 Urrbrae House hosted its first intern under the University of Adelaide's Arts Internship Scheme. Additionally, it supported activities for international students at the Waite, film students from the University of South Australia, and students from the University's Elder Conservatorium of Music.

Urrbrae House sponsors a diverse range of community and cultural activities. During the year, events held at Urrbrae House, often in association with the Friends of Urrbrae House and other community groups, included activities during South Australia's month-long history festival, 'About Time', a free school-holidays Teddy Bears' Picnic, concerts, morning teas, exhibitions, conferences and meetings. The longstanding Twilight Concert series run by the Friends of Urrbrae House in conjunction with Vivente Music were sold out in 2011. In addition, Sunday afternoon concerts featured community groups such as the Lumina Vocal Ensemble and Onkaparinga Harmony Chorus. To further enhance on-campus activities weekly yoga classes were offered in the precinct's Coach House while a monthly book-club was held in Urrbrae House.

Outreach activities and events supported by Community Engagement staff during 2011 included work with organisations such as the St John's Ambulance Circle of Friends program, Mitcham Council, Urrbrae Agricultural High School Old Scholars Association, Mitcham Historical Society, and the South Australian Professional Historians' Association. Book launches of The Premier and the Pastoralist by Peter Waite's greatgrandson James Waite Morgan and The Grapevine by current and former Waite staff were held at Urrbrae House. The history of the Department of Agriculture, Fisheries and Forestry/ Primary Industries and Regions of South Australia (PIRSA) website was also officially launched at the Urrbrae House.

A limited commercial program also runs at Urrbrae House involving the use of space, often after-hours, for private, business, community, University and Waite Campus collocated organisation functions. The Urrbrae House Historic Precinct is primarily a museum and heritage site, so the University ensures that events are appropriate and sympathetic to the site while giving the public access to this unique space for special occasions. In 2011, priority was given to events and activities for the on-campus and community groups. In addition to casual museum visitors who are able to visit three days each week, some 6150 people attended community, educational and private events at the house during 2011.

The Waite Arboretum is an experimental collection and a resource for research and educational activities of the University. In 2011, over 80 specimens were added to the Arboretum including some very rare species critically endangered in the wild, a selection of new cultivars and uncommon species to evaluate, and the establishment of an Australian Citrus Research Collection to provide genetic material for the research. Other research undertaken in the Arboretum included pollination and floral evolution in Australian natives, fig mosaic virus, pollination of dioecious species by blue-banded bees, the effect of climate change on flowering and fruiting by compilation and analysis of 50 years of Arboretum flowering-pear data

and reproductive biology and cross ability in ornamental eucalypts.

The Arboretum is a valuable resource for propagating material. Staff from the Botanic Gardens of Adelaide collected budwood of two pear species that are critically endangered in the wild. Acorns from specific oaks were dispatched for the development of a black truffle industry in NSW. Acorns from uncommon oaks were collected and propagated at Urrbrae TAFE for TREENET Inc (an affiliate organisation based at the Arboretum) and street tree trials in collaboration with local governments.

Death cap, highly toxic mushrooms, continue to proliferate in the Arboretum and are now of a quantity beyond resources to collect and destroy. Signs are posted on every entrance to the Arboretum and media releases are issued in conjunction with SA Health and the Botanic Gardens. With the presence of transient feral deer in the reserve, the University is collaborating in a regional approach to control, coordinated by the Mt Lofty Natural Resources Management Board.

A range of community outreach events in 2011 included 28 tours by Arboretum guides, workshops for the arboriculture industry hosted in the Arboretum, participation in the City of Mitcham's public forum on trees, Friends of the Arboretum exhibit at a Showgrounds Expo, public talks in Urrbrae House by guest speakers, and the organisation and hosting of the annual twoday TREENET Symposium with some 250 participants attending.

TREENET was also represented at the annual conference of the International Society of Arboriculture at Parramatta with a display booth featuring TREENET's research, including a working model of its kerb inlet designed to redirect stormwater from roadways to benefit street trees, educational activities and Avenues of Honour project.

Work in the Waite Conservation Reserve was accelerated with the \$112,610 grant (over three years) from the Native Vegetation Council – Significant Environmental Benefits Grants scheme. The efforts of the Reserve's three casual staff were supplemented by volunteers, 16 working bees held by Friends of the Waite Conservation Reserve and students.

Partnership with Urrbrae TAFE Certificate 3 and Diploma courses in Natural Resource Management resulted in 120 student visits over five days to undertake seed collection, plant propagation, weed control and revegetation.

Volunteers make a significant contribution to the care, development and activities of the Waite Historic Precinct and during the year, 113 volunteers contributed more than 5000 hours of labour.



Open Day

Open Day is one of the University's major community events. Each year, it attracts thousands of visitors to the North Terrace Campus providing an opportunity to showcase the facilities and beautiful University grounds. The major focus on the day is to engage prospective students and give them a chance to familiarise themselves with the campus, attend talks on undergraduate programs and university life and experience a wide range of activities, displays, performances and exhibitions. In 2011, the estimated Open Day attendance was 13,000 people.

Community and Professional Development

In 2011, Professional and Continuing Education's (PCE) Year-12 Holiday Revision Program had 651 enrolments, which was a 3.5 per cent increase from the previous year. The program runs during school holidays throughout the year, supporting the University recruitment efforts by raising awareness of the University in secondary schools. PCE's Community Language Program maintained a strong presence, registering a 3 per cent improvement from the previous year, with 534 enrolments across eight languages in over 27 classes. PCE's Professional Development Programs enrolled close to 1000 people in public courses throughout 2011, and delivered over 70 tailored training solutions to another 830 participants. Revenue for tailored training increased 49 per cent from 2010 to 2011 with courses developed for local, national and international corporate clients in both the public and private sectors.

PCE successfully delivered the Department of Education, Employment and Workplace Relations (DEEWR) 2011 Endeavour Language Teacher Fellowships (ELTF) program, in collaboration with Austraining International, organising the in-country (overseas) study program in nine countries.

PCE also welcomed 24 international study tour groups in 2011. Over 450 students from Japan, China, the United States, Vietnam, Cambodia, Sri Lanka and Korea, arrived at the University to study short-term programs (ranging from 2–6 weeks) developed to meet specific educational needs in subject areas including English, Teachers of English to Speakers of Other Languages (TESOL) Methodology, Economics, Medicine, Migration Law and Faculty Led.

The Pre-enrolment English Program (PEP) attracted over 640 students during 2011. Students who successfully complete this program gain a direct-entry pathway to undergraduate and postgraduate programs at the University of Adelaide. General English for Academic Purposes (GEAP) attracted over 140 students from 30 different countries.

Additionally, PCE engages with the community through its highly successful Homestay Accommodation Program, placing international students with local families for a first-hand experience of everyday Australian family life. Homestay has proven to be a wonderful way for international students and local families to expand their awareness of other cultures and to develop lifelong friendships.

Volunteer Program

The University of Adelaide Volunteer Program, under the patronage of Mrs Lindsay McWha continues to grow and provides an integral link between the University and the wider community, adding to the richness of university life by involving a diverse range of people in a variety of activities.

A Volunteer Recognition event was held in May to coincide with National Volunteers Week. Mrs McWha hosted morning tea in Bonython Hall, which was attended by a large number of volunteers from all campuses of the University. The Vice-Chancellor and President, and senior staff were also in attendance. Other invited guests included representatives of the Office for Volunteers and Volunteering South Australia and Northern Territory. The keynote speakers for the event were members of the Theatre Guild. Dr Ben McCann introduced three University of Adelaide students who performed two short pieces from William Shakespeare's 'A Midsummer Night's Dream'. The performances were well received and the group was asked to perform at the State Volunteer Congress, an event hosted by the Office for Volunteers to mark Internal Volunteers Day each December.

At the end of 2011, about 1549 volunteers were registered, contributing approximately 124,849 volunteer hours. Not included in these statistics are over 1400 Clinical Title holders who give varying amounts of their time throughout the year. Using the figure of \$22.08 per hour recommended by Volunteering Australia, the dollar contribution to the University amounted to \$2,756,665.90.

2011 highlights of volunteer program activities

University Archives Group

In its ninth year of operation, the group had 59 volunteers registered in 2011 with an average of 32 volunteers attending each Tuesday. Some projects have been ongoing for several years with volunteers continuing with the same type of activity but with different material as one volume or box is completed. Consequently, the University Archives information on content is more accessible and more informed. Digital images can be sent by email to clients and the originals now do not have to be copied or handled.

Prizes, Awards and Commendations

The Theatre Guild

2011 Adelaide Theatre Guild Curtain Call Awards

Nigel Tripodi, winner of Best Newcomer Award for his role as character Eddie Carbone in the Guild's May production of *A view from the Bridge.*

Adelaide Critics Circle Awards

Megan Dansie, winner of Best Individual Achievement Award (Amateur) for directing *The Pillowman* for the Guild in October.

Other nominations for the Adelaide Critics Circle Awards were:

- > Emerging Artist of the Year, Nigel Tripodi for his role as character Eddie Carbone in *A View from the Bridge*
- > Emerging Artist of the Year, Robert Bell for his role as character Michael in *The Pillowman*
- > Group Award, Amateur Theatre, A View from the Bridge
- > Group Award, Amateur Theatre, The Pillowman.

Radio Adelaide

2011 CBAA Award

Best Development in Digital Media for Womadelaidelive.com

Designer, Deborah Welch Onsite coordination, Jonathan Brown Content, Womadelaide 2011 LIVE! team

2011 CBAA Award Finalist

Excellence in Spoken Word, News and Current Affairs Programming for *The Wire*

Shared with 2ser and 4EB, Radio Adelaide producers Annie Hastwell and Catherine Zengerer

2011 CBAA Award Finalist

Contribution to Local Music for *Friday live sessions on the Range*.

Producers Casey Briggs and Luke Eygenraam

2011 CSSANZ Media Award

Best media story of benefit to patients affected by colorectal disease in Australian and New Zealand Breakfast with Tim Brunero

Interview by Tim Brunero

2011 SACBA Bilby Award

Best Outside Broadcast Award for Swing and Big Band Night Producer Kat McGuffie

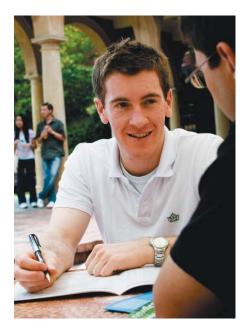
2011 SACBA Bilby Award

Can't Get out of the Car for Public Domain-Gill Hicks

Producer Darren Van Schaik

2011 AFRICOMSA National Awards

Honorary Award – Radio Adelaide for Support of African Communities in Adelaide



International Peer Mentor Program

The Governor's Multicultural Awards 2010.

Winner in the category: Youth Organisation, for the outstanding contribution of an organised group of individuals each under 30.

The award was presented by His Excellency Rear Admiral Kevin Scarce AC CSC RANR Governor of South Australia, and accepted by Ms Patricia Anderson (Manager ISC) at a ceremony held on 22 February 2011 in the grounds of Government House, North Terrace Adelaide. The ceremony was attended by: Professor James McWha, Vice-Chancellor and President; Mrs Lindsay McWha, Patron, The University of Adelaide Volunteers; Ms Patricia Anderson, Manager ISC; Mr Hedley Reberger, Coordinator ISC Peer Mentor Program; Ms Mo Li, current student B.Medicine & B.Surgery, Senior Peer Mentor 2010; Mr Keren (Victor) Yi, current student B.Media-Honours.

Justice of the Peace (JP) Service

John Leeton, located in the University's security office provides a service as a Justice of the Peace. In November 2011, due to becoming Acting Supervisor in security, John was unable to provide the JP service during working hours, so he kindly worked outside normal hours to keep the service available to students. Statistics show that in 2011, John assisted 2500 people and signed 15,500 documents (mostly for students) via this service.

Sports Association

The tradition of the Blues Awards Dinner was revived after a gap of 30 years. A new award, Service to University Sport was given for the first time at the dinner and six people were honoured in 2011. Medallists at the Australian University Games increased from 8 in 2010 to 16 in 2011.

The following areas are currently involved in the University of Adelaide Volunteer Program:

- > Development and Alumni
- > Art and Heritage Collections
- > University Archives Volunteer Group
- > Confucius Institute
- > Barr Smith Library Volunteer Group
- International Student Centre—Peer Support Program
- > Radio Adelaide
- > University of Adelaide Theatre Guild
- > Waite Precinct Volunteer Program
- > Don Dunstan Foundation
- > CLPD Volunteer Program
- > PCE English Language Centre
- Western Region Enterprise Day (WRED) Thebarton Campus
- > Research Branch Research Ethics and Compliance Unit
- Research Institutes Office of DVC & VC (R)
- Freemasons Foundation Centre for Men's Health
- > Student Centre JP Service
- > Roseworthy Agricultural Museum
- > Roseworthy Railway Group
- Earth and Environmental Sciences Field Trips

Office for Community Engagement –

Western Region Enterprise Day (WRED)

Special mention to the late Theo Ruckert, WRED Chairperson. Theo's passion and dedication to teaching and the WRED program over the past 15 years has been an inspiration to all. He will be sadly missed.



Arts and Culture

Art and Heritage Collections

Art and Heritage Collections activities are anchored in three areas: collection management, art and cultural programs and special projects, including curation of works of art displayed in University buildings. Work continued on University collections and the modest staff, supported by 22 volunteers and two interns who contributed one FTE over ten months of the year, continued cataloguing collections across four University campuses. In 2011, Art and Heritage Collections presented 45 cultural events featuring 102 artists, speakers, participants and presenters reaching out to 6000 people. The strategy of collaboration with University schools and disciplines as well as industry partners paid off handsomely during the year through innovative programming and cultural leadership. A highlight of this collaborative approach was the public lecture series, 'Turning Points in South Australian History', presented in collaboration with the School of History and Politics. The lecture series featured prominent scholars including Bill Gammage, Susan Magarey, Henry Reynolds and Neal Blewett and received an average attendance of 225 people per lecture. Arts and Heritage also participated in a range of other special events, including the University's Carols on Campus when it coordinated the display of the University Gifting Tree.

The year marked the launch of Hub Central a new space for students. This new space presented an exciting opportunity for Art & Heritage Collections to engage with students. Artist Peter Drew collaborated with 37 students who posed for portraits for a bold, paste-up display. A documentary video about the project has been shown on digital display in the Hub. Art and Heritage Collections through interface with students, staff and the broader community leads a cultural agenda for the University, ensuring that it is a vibrant part of the cultural landscape of South Australia.

Carols on Campus

More than 1200 people filled Bonython Hall and spilled out onto the Goodman Crescent lawns for the second annual community Carols on Campus on 20 December. Members of the community joined staff and students, families and friends for the free cultural event to celebrate the festive season with an evening of traditional carols and readings.

The program was shown on a big screen for the enjoyment of those gathering on the lawns and streamed live to ensure that those unable to be in Bonython Hall, and those international students who had already left for their home countries, could still enjoy the celebration.

Carols on Campus was first held in 2010 to great acclaim and the 2011 event built on this success with wonderful music by the Elder Conservatorium Chorale, augmented with staff choristers and led by Associate Professor Carl Crossin OAM, Director of the Elder Conservatorium of Music.

In the tradition of Carols from Kings College at Cambridge University, the event featured a full University academic procession with music from the Bonython Hall organ. This was followed by music from the Chorale and Elder Conservatorium soloists and instrumentalists, with a variety of secular readings from staff representatives and favourite carols for everyone to join in. It was a tremendous finale for the 2011 University calendar.

Elder Hall

Elder Hall continues to be a gateway to the community. It is used for concert bookings, school concerts and graduations, festival programs, arts events, community groups, national and international conferences, lectures, corporate events and more. It is a versatile and remarkable hall that adapts to suit most requests.

It also produces several of its own concert series through the University's Elder Conservatorium of Music. Best known of these is the Lunchtimes at Elder Hall concert series held every Friday from 1:10-2pm during semester time. Attracting local, national and international artists as well as the Elder Conservatorium staff and ensembles, the series is now arguably the most popular of its kind in the country. With a database that has crept past the 4000 mark, audiences continue to grow particularly through subscriptions which now number 275 or 43% of hall capacity in both semesters in 2011-up 10% from 2010. Many concerts were sold out, with more than18,000 tickets sold and an average attendance of 500 per concert over 33 concerts.

The series continues to benefit from a very generous anonymous donation in 2010, which, along with the financial support provided by the Doris West Bequest, enables the Elder Conservatorium of Music to engage a wonderfully diverse range of visiting artists throughout the year and ensure the ongoing success of the series.

The Elder Conservatorium of Music also presents Evenings at Elder Hall. This evening series of concerts showcases the Elder Conservatorium student choirs and ensembles and provides a vital opportunity for the students to perform in public in a formal setting. It also gives performance staff an opportunity to perform in concerts of a more substantial nature. The concerts attract music lovers of all genres, including academic and professional staff from the University of Adelaide, families and invited VIP guests. There were a range of sponsors including Barossa Valley Estate Wines, ETSA Utilities, through the Helpmann Academy and the Greek Orthodox Community of South Australia in its final year of a three-year sponsorship arrangement. The 2011 season was extended from five to eight concerts with reserved seating being offered for the first time in over five years. The results showed a marked increase in subscriptions; almost doubling and in attendances overall.

Radio Adelaide

Radio Adelaide is a licensed community broadcaster, Registered Training Organisation, media production enterprise and community media hub, and provides the University with unique cultural, educational and creative outreach to national and international audiences. First licensed in 1972, Radio Adelaide is Australia's first community radio station.

In 2011, Radio Adelaide added a digital radio service to its FM licence. The station now produces content on digital radio, 101.5fm and online as real time streaming, downloadable audio and in a myriad of social media forms.

The content is extremely diverse, including a range of multicultural, educational, arts, music and information programs. Its diversity arises from the station's commitment to community access and education, with more than 400 volunteers involved on a regular basis and more than 200 new people from all walks of life joining and learning each year. The volunteers range in age from 16 to 90 years in age, encompass a range of language and cultural groups including Farsi, Spanish, Japanese, Dari, Swahili, and Nepalese and form the largest volunteer group within the University.

A highlight of 2011 was the launch of our Digital Radio service in April, as part of a national launch of community digital radio services. The Lord Mayor, Stephen Yarwood, was the special guest at a joint broadcast with five local partner stations, held at the Adelaide Central Market. The venue was chosen to represent the contribution to media diversity made by the community broadcasting sector. The University holds one of only 37 available digital radio licences for community broadcasters and this second licence provides a significant additional asset through which the University can further its community and educational goals.

Deborah Welch, Radio Adelaide's General Manager and outgoing President of the Community Broadcasting Association of Australia, was awarded the top honour in community broadcasting, the Michael Law Award, for her outstanding contribution to the sector. This is a compliment to the continued leadership and expertise she contributes to the University through her 12 years of management at Radio Adelaide.

Radio Adelaide's programming continues to expand, in touch and in tune with the heart of Adelaide. It maintains a global outlook. Four new initiatives in 2011 illustrate its diversity. *The Plan* focuses on Adelaide-specific architecture, design, living environments and their effect. Working with the City Council and University departments, they inform us all about what's building in our city. The *Anangu Lands Paper Tracker* aims to make sure that governments are following through on their commitments to people in the APY Lands. This program is produced at Radio Adelaide and heard across South Australian remote communities. *Streetcast* and *The Scenery* both bring a youthful take on arts, music, comedy, street culture and opinion. Both represent a generation committed to embracing the positives of life in Adelaide and reviving its identity as a Mecca for creative people.

Other projects have a national reach, including our daily live current affairs program The Wire, which is heard on community stations around Australia and Womadelaide 2011 LIVE! - a three-day national broadcast which brings the Womadelaide Festival's global sounds and embracing of diversity beyond our borders. Both these projects, and an increasing percentage of Radio Adelaide's broadcast output is also available online. In addition to our weekly broadcast audience of around 88,000 people, close to 10,000 people each month also listen to interviews from our flagship Breakfast program online. The Womadelaide 2011 LIVE! online coverage won the national community broadcasting award for Best Development in Digital Media.

2011 special event coverage included a key partnership with the Adelaide Festival of Ideas to record, broadcast and podcast all sessions, making the Festival's 'ideas exchange' available to a range of new audiences. Also, a live to air broadcast from the 2012 Reconciliation Breakfast, marking the anniversary of the federal government's apology to the Stolen Generations of Aboriginal people. Other special events included coverage of the Adelaide Festival, the Fringe, the Clare Valley Film Festival, Survival Day, National Aborigines and Islanders Day Observance Committee (NAIDOC) Week and Womad Earth Station.

Alexandra Reid, Executive Director of Arts SA was the special guest at Radio Adelaide's annual end of year awards. She praised the achievements of Radio Adelaide's staff and volunteers by encouraging us to remember that we are 'shaping the face of our city and our state on a regular basis and changing the way that people engage with media'.

Development and Alumni

Development and Alumni Highlights

In 2011, Development and Alumni continued to increase and broaden the scope and level of engagement and communication with the local, interstate and international alumni.

In 2012, Development and Alumni will ensure its program aligns closely with the University's Strategic Plan to maximise the high level of support it receives from the Vice-Chancellor and President.

Development

Adelaide Benefactors Circle

The Adelaide Benefactors Circle is the University of Adelaide's university-wide donor recognition program. In April, the Vice-Chancellor and President hosted a successful dinner for major benefactors at the National Wine Centre. Those attending were from the Custodian (over \$100,000), Founder (\$50,000-\$99,999) and Partner (\$10,000-\$49,999) levels of giving to the University of Adelaide. Alicia Hurkmans, a recipient of a BHP Scholarship in Chemical Engineering, addressed the more than 60 attendees about the difference the scholarship had made to her academic performance at University.

End of Year Event

Over 500 guests attended a circus-themed annual university-wide, thank you event held in November in Bonython Hall. Vice-Chancellor McWha joined in on the theme, by arriving dressed as a Ring Master. He addressed the attendees who included major benefactors, volunteers, industry partners and key suppliers to the University. The Vice-Chancellor and President's speech focused on some of the outstanding achievements of the University in the past year, and the significant contribution made to the University by guests attending the event.



Annual Appeals

The two annual appeals conducted by the University were again able to contribute significantly to their projects, with generous support from alumni and Friends of the University as well as from the general public.

The Barr Smith Library Appeal raised \$89,000, which assists with the purchase of books and electronic resources that help to maintain the library as an outstanding resource for students, staff and alumni. The tenth Barr Smith Library Appeal was conducted in 2011. Over the years, the appeal has raised over \$850,000 for the library. In October, the Vice-Chancellor and President hosted a thank-you event in the Library's Reading Room for the 28 donors who have contributed to all ten appeals. Professor McWha presented the donors with a special memento as a sign of appreciation. This is now expected to become an annual event, as more donors achieve a ten-year contribution.

The Vice-Chancellor's Scholarship Appeal, which supports financially disadvantaged students including at least one rural student each year, raised \$92,000. This meant that the Vice-Chancellor's Scholarship Fund could support a further two recipients, making a total of 11 scholarship recipients receiving support in 2011. This is an outstanding result as many of the recipients, although academically very capable, would not have been able to attend university without scholarship support.

Sponsorship

Development and Alumni has initiated a proactive role in securing sponsorship for conferences and events hosted by the University. The most significant in 2011 was the work done to secure over \$140,000 in sponsorship support for the 4th International Barcode of Life Conference. The conference hosted at the University, attracted over 450 delegates representing 63 countries. One of the fastest growing companies in the state, Zen Home Energy, also signed a threeyear deal as the naming-right sponsor of the high profile Zen eChallenge. Keyinvest continued their valuable support for the Class of 1961 Golden Jubilee 50 Year Reunion event, and the Commonwealth Bank has agreed to continue support for the activities of the Florey Foundation. The Mech Expo, which showcases fourth-year Mechanical Engineering projects, attracted Origin as a major sponsor and the University was fortunate to have its outstanding alumnus, astronaut Dr Andy Thomas, as the guest speaker at the VIP launch.

Giving to Adelaide

In July a new online giving facility was launched to provide donors with the option to give online and donate directly to priority areas within the University that are seeking support. This new facility can be accessed at www.alumni.adelaide.edu.au/giving .

Scholarships

A total of 112 undergraduate and postgraduate scholarships were renewed or awarded for the first time in 2011. This represents over \$1,500,000 provided by donors to support recipients over three years. The support by the Department of Further Education, Employment, Science and Technology (DFEEST) of 40 scholarships for students who are in undergraduate courses leading to potential defence industry employment, significantly boosted the number of scholarships available. There was evidence of growing support from the agricultural sector with new scholarships provided by Viterra in the agronomy area and also by significant agribusiness leaders to initiate the Agribusiness Leaders Scholarship for Excellence.

Over 400 people attended the third annual Scholarship Recognition Ceremony hosted in Bonython Hall by the Vice-Chancellor and President in September. This event has continued to grow in popularity and allows the donors to present their scholarship to the recipient and also provides the recipients and their families with an opportunity to meet and thank their scholarship donors.

Bequest Program

The Vice-Chancellor and President hosted the annual Hughes Bequest Society luncheon in 2011 for 83 staff and guests, to thank those in the community who have remembered the University in their wills. Presently there are 127 Bequestors, with 11 new bequests confirmed in 2011.

As part of the program, several Friends and Benefactors events were held in 2011:

- School of Molecular and Biomedical Science
- > Elder Conservatorium of Music
- Ageing Positively Series Structuring your Future seminar
- Introduction to understanding your computer—two sessions were held at the School of Education
- School of Classics followed by a tour of the Museum of Classical Archaeology
- Centre for Automotive Safety Research and tour of the CASR Impact Laboratory in Kent Town
- School of Environment Population and Geography
- > Victor Harbor Alumni morning tea with a presentation by Professor Tanya Monro, Director of the Institute of Photonics and Advanced Sensing.



Alumni

Alumni Relations

The year 2011 marked the final year of the first phase of the University's Alumni Relations Strategic Plan 2007–2011. Since the Plan's inception in 2007, there have been significant achievements in the advancement of the alumni program including the decentralisation of the program to faculties and schools, a broadening of the engagement program through the online community Adelaide onLION, and a greater awareness and involvement of students through the Student and Industry Program. The next phase of the Alumni Relations Strategic Plan 2012–2015 will further build on these new initiatives.

The Alumni Advisory Committee, chaired by the Vice-Chancellor and President, met four times during 2011 and provided feedback and advice on strategic areas including communications and marketing, and philanthropy.

2011 Alumni Awards

The Honours Alumni University Medal for 2011 was awarded to Emma Langhans (First Class Honours Bachelor of Science in High Performance Computational Physics) and the Postgraduate Alumni University Medal was awarded to Dr Sam Cohen (PhD Mathematical and Computer Sciences).

The recipients of the 2011 Distinguished Alumni Award were:

Dr Arthur Ray Beckwith AO (D Univ 2004, RDA 1932), in recognition of his highly significant contribution to the field of Oenology and to the wine industry in Australia and internationally.

Mr Barry Grear AO (B Tech 1967), in recognition of his leadership to the Australian and World Engineering Profession and his significant contribution to emergency services organisations in South Australia and nationally.

Emeritus Professor Colin Matthews (MD (Adel) ad eundem gradum 1970), in recognition of his leadership and outstanding contribution nationally and internationally in the field of reproductive medicine.

Mr Siong Guan Lim (B E (Mech) (Hons) 1969), in recognition of his outstanding visionary leadership and extensive contributions to Singapore and its Civil Service.

The Honourable Justice Catherine Margaret Branson QC (BA 1977, LLB 1970), in recognition of her outstanding contribution to Australian Law and Human Rights.

Human Rights Commissioner The Hon. Catherine Branson QC is one of five alumni to receive a Distinguished Alumni Award in 2011

Photo by Roy van der Vegt

Alumni Events

The Student and Industry Program (SIP) continued to be a great success with events held in Economics, Water, Politics, Psychology, Architecture, Health Sciences, Agriculture, Computer Science and Biology. SIP events, with a regional focus, supported students from Hong Kong and China.

The Golden Jubilee 50-year reunion for graduates of 1961 was held in October, with 132 graduates returning to the University from as far away as the United States, Canada and Malaysia, as well as across Australia. The reunion included a commemoration ceremony in Bonython Hall followed by a reunion luncheon. Mr Ken Allen AM, who graduated with a Bachelor of Economics (Hons), gave the Golden Jubilee address and launched the Class of 1961 Gift.

Over 100 alumni events were held both within Australia and overseas during 2011. The Vice-Chancellor and President hosted international alumni gatherings in Kuala Lumpur, Penang, Singapore, Beijing, Shanghai and New York City. Other alumni events were held in London, San Francisco, Thailand, Hong Kong, Kuala Lumpur, Singapore, Indonesia and Germany. Locally, the Vice-Chancellor and President hosted an alumni event in Canberra, a lunch for Australian and South Australian Parliamentary Alumni in Adelaide, and hosted the inaugural Distinguished Alumni Dinner at the National Wine Centre in September.

The second biennial Alumni Forum, Create, Connect, Collaborate, was held at the University in September. Senior University staff and prominent alumni presented sessions on research, teaching and learning, volunteering, digital media, community engagement and industry partnerships. A Think Tank was held on day two of the forum with alumni providing feedback on the current alumni program and suggestions on the future direction of alumni relations at the University of Adelaide. All seven international alumni networks were represented at the forum.

Numerous events were organised by local and international alumni networks including the Careers Forum and Student Internship Program offered by the West Malaysia Network; the ever-popular Roseworthy Old Collegians Association Annual Dinner; a successful quiz night organised by the John Bray Law Alumni; and the Friends of the University of Adelaide Library continued an impressive line-up of speakers in 2011 through their Author and Scholar events.

Alumni Communications

With over 22,200 members, the University of Adelaide's online community, Adelaide onLION continues to reconnect alumni from around the globe with their alma mater and each other. With access to mentors, jobs and the ability to add professional profiles, Adelaide onLION now forms an integral part of the University's alumni program.

The University's bi-annual alumni magazine, *Lumen*, highlights the latest research and educational strengths of the University and provides a forum for sharing the achievements of alumni with over 48,500 print subscribers, 16,154 email subscribers and 67,500 online readers around the world per edition. The University's Alumni e-newsletter, *The Roar*, continues to expand its reach with over 20,100 subscribers receiving alumni and University news directly to their inbox each month.

Over 17,500 of the University's alumni are making use of Perpetual Email – a free email forwarding service that allows alumni to keep a single University-based email address, no matter where life takes them.



Photo by John Hemmings





Infrastructure, Property and Technology

Technology Transformation

The principal priority for Technology in 2011 was to consolidate the agreed program of Information and Communications Technology (ICT) investments and initiatives within the strategic framework and direction described in the Technology Transformation Strategic Plan 2010-2012 and detailed in the ICT Investment Plan. The established investment priorities for 2011 founded a program of work targeted at reducing risk to the University's critical foundation services. In 2011, this included the first phase of a comprehensive data storage strategy, a significant upgrade to the University's finance system and the initial roll-out of a new staff email system as part of a wider project that will integrate collaboration services.

The overarching ICT strategic vision is to provide capabilities that produce a competitive advantage to key research activities, enhance student and staff experience, support changing models of teaching and learning and streamline supporting business processes. This year has seen significant improvements in the reliability of the University's IT systems, with measurable reductions in the number of system failures and user issues being reported through to the Service Desk. Independent benchmarking and feedback from staff and students have strongly endorsed the improvements in service quality.

A comprehensive ICT strategic planning process was launched in 2011. The aim was to understand the role of technology in the University over the next five years and how it relates to specific University strategic and operational goals. Significant stakeholder engagement was undertaken to determine the strategic vision and priorities and to articulate the required capabilities to deliver on that vision. This ICT planning process forms the technology component of a broader 2012–2017 Infrastructure Strategic Plan under a common framework and approach. In parallel, an in-depth review of ICT for Research was undertaken to develop a roadmap of initiatives that will strengthen the ICT capabilities supporting research and to determine appropriate support models for research.





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The University of Adelaide is currently undertaking a \$400 million investment with state-of-the art facilities.

Key Technology Projects in 2011

Core Business Systems Upgrades

Following on from the successful upgrade to Human Resources and Student Administration systems in 2010, the Finance System was upgraded to the latest PeopleSoft version, going live in August 2011. Amongst the new introduced functionality is online approval of purchase orders and invoices.

Staff Collaboration Project

Migration of staff to the new email system began in late 2011 and will be completed in the first quarter of 2012, including deployment of a new calendar system. The new system offers a huge range of benefits including support for the diverse platforms and mobile devices used by the University, a high-quality web interface, dynamic email quotas and archiving.

Casual Workforce Management

The ongoing development of the new system for managing the University's large casual workforce, comprising almost 4000 staff and manual processing of 36,000 timesheets annually continued in 2011. The new system will go live in 2012.

Unified

Unified, the University's student and staff portal continues to be enhanced as part of the broader ICT strategy to provide an improved online experience. Student usage of Unified as the central site to access key services remains high with over 15,000 users per day during term time. Significant new services were added in 2011 including integration of the academic timetable with personal calendar, access to Hub Central project room booking system and replacement of the Faculty of Professions 'Ask the Prof FAQs'.

Building Life Impact: Current Works

The University of Adelaide is currently undertaking a \$400 million investment with state-of-the art facilities. During the 2011 year, \$83.4 million was expended on major and other works with the Learning Hub (Hub Central) opening in September 2011 and progress on the Illumin8 Project. Additionally, planning on the next five years (2013-2017) Investment Plan commenced with a detailed review of the anticipated infrastructure needs of the University in the coming years. The planning and procurement of a number of major project initiatives including Illumin8 and an expansion of the Veterinary School at Roseworthy. Additionally, work has continued on the refurbishment of poorly utilised space to improve both quality and function.



Nexus10

The major upgrade of 10 Pulteney Street costing \$49 million to colocate Commerce, Business, Economics and Education and develop the Education building as a common teaching hub was completed for Semester 1, 2010.

More recent developments in the Nexus10 tower include the refurbishment of Level 2 to provide additional teaching spaces and computer suites by Semester 1, 2012 and the redevelopment of levels 5 and 9 as office accommodation for the Faculty of Professions for Semester 2.

Planning has commenced to maximise the opportunity for further redevelopment of the site following the anticipated relocation of University Senior College.

New Veterinary School

Additional facilities recently developed and completed for the School of Animal and Veterinary Sciences include the Ambulatory Building, Small Animals' Building and the second class water facility. Future planned developments include large-animal teaching facilities and an Equine Health Centre.

Ingkarni Wardli

The Indigenous name, Ingkarni Wardli will replace Innova21 for the building that is home to the Faculty of Engineering, Computer and Mathematical Sciences from 2012.

The Kaurna name, meaning 'place of learning or enquiry', recognises the special relationship the University of Adelaide shares with the Kaurna people, the original custodians of the land on which the University is situated.

Ingkarni Wardli will be officially named as a featured event of Reconciliation Week (27 May to 3 June) at the University of Adelaide.

The significance of the Ingkarni Wardli building has been recognised through the achievement of numerous state and national awards including:

- National Award for Sustainable Architecture—Australian National Architecture Awards 2011
- Architecture Award for Sustainable
 Architecture South Australia—2011 SA
 Architectural Awards
- Public Architecture, Commendation—2011
 SA Architectural Awards
- > Building (non- residential category), Certificate of Recognition – 2011 Consult Australia Awards for Excellence
- Excellence in Environmental & Sustainable Construction Award, Commercial—2011 Master

Builders Building Excellence Awards, South Australia

> Excellence in a Commercial / Industrial Building over \$50 million, Commendation, Landmark Project—2011 Master Builders Building Excellence Awards, South Australia



Hughes Plaza Learning Hub

In 2009, with the aim of providing the best on-campus experience within the Australian national tertiary sector for all our students, the University embarked on a co-creative journey, which included more than 9000 hours of individual student consultation, and resulted in Hub Central, a facility which meets student requirements and expectations.

On 12 September 2011, Hub Central opened as a new 'front door' to the University and an initial point of contact and first port of call for students. The Hub is a place of welcome and belonging that clearly identifies students with the University of Adelaide.

Located on the University of Adelaide's North Terrace Campus, Hub Central covers 10,500m² over three levels. The Hub aims to enhance the student learning experience by providing informal study options, where students have the flexibility to create their own study environments, with the convenience of access to integrated supporting facilities and services including: 11 student project rooms, 11 project booths, student lounges with moveable furniture, two information service areas, a student kitchen, two Skype booths and a news bench, two training rooms, computer suites, total wireless connectivity, print stations, lockers, the Maths Learning Centre, the Writing Centre, three food outlets, a convenience store and a post office.

The IT project for the Hub delivered a sound IT capability that immediately improved the student experience, and created a base from which to further extend some of the more innovative and successful capabilities further across the University.

Illumin8 (incorporating the Institute for Photonics and Advanced Sensing)

Illumin8 will be a 6 level building including a basement with building plant and equipment to be accommodated in the upper level sited adjacent to the Barr Smith Lawns. Illumin8 will provide a 420-seat lecture theatre, accommodation for the Institute for Photonics and Advanced Sensing (IPAS) along with a research floor and two floors for flexible laboratory teaching. Consultation was undertaken with staff and students and a complete reworking of current timetabling processes and principles to optimise the Illumin8 teaching floors. The project will provide 10146m² gross floor area (GFA) and is due for completion in Semester 1, 2013.

University Council approved funding to maximise the redevelopment of the site. The University funding (\$64.5 million) along with state and federal government commitments to the project has increased the overall funding available for the Illumin8 project to \$97 million.

The demolition of the existing building was completed in early 2011 and works have progressed since with the excavation of the basement, ground, first and second floors slabs completed. The next major milestone will be the installation of the faceted facade which is programmed to commence in March 2012 and the completion of the superstructure in the same month.

Campus Masterplanning

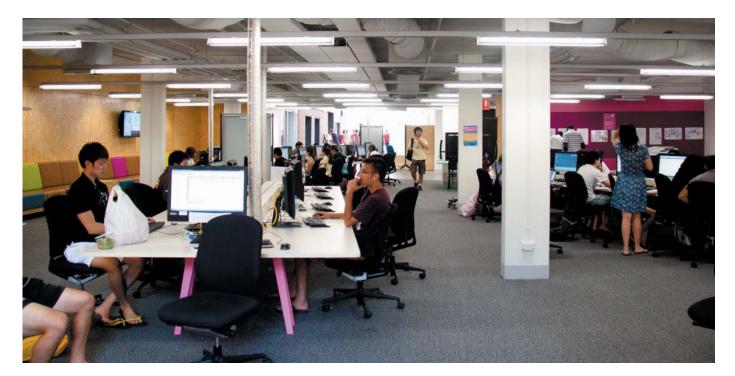
The University has developed a suite of masterplans for the North Terrace, Waite, Roseworthy and Thebarton campuses to support effective long-term planning. The masterplans review the current context and key challenges facing the campuses. The plans identify an overarching vision for the future and key strategic actions.

Space Planning

The continued growth of the University has placed further pressure on space. During 2011, in the context of the development of the Infrastructure Strategy Plan, the University prepared a Capital Intensity and Needs Analysis model to establish priorities for future works.

Significant work has been undertaken on a Health Sciences strategy and feasibility work for clinical and dental skills laboratories and student common rooms.

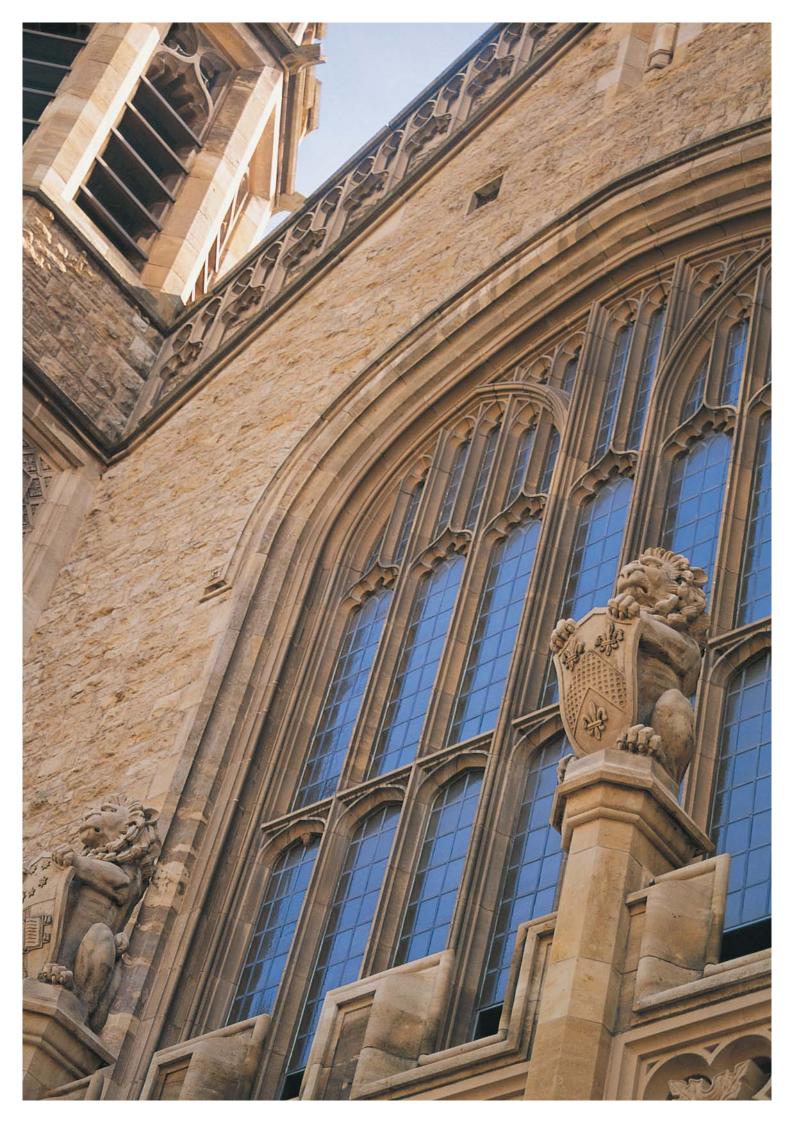
Implementation of a new space system commenced, providing an effective means of measuring and improving space utilisation.



Financial Overview

	Consc	lidated	University			
	2011	2010	2011	2010		
	\$000	\$000	\$000	\$000		
Summary Statement of Comprehensive Income						
Operating Revenue						
Received under Higher Education Support Act	262,783	250,349	262,783	250,349		
Learning and Teaching	196,288	189,934	194,250	184,273		
Research Grants and Fees	184,912	158,938	157,866	138,420		
Research - Other	25,471	21,672	25,471	21,672		
Other	116,987	108,197	109,084	86,242		
Total operating revenue	786,441	729,090	749,454	680,956		
Operating Expenses						
Salaries, superannuation and related expenses	398,238	354,259	386,007	342,828		
Non salary expenses	340,430	314,885	297,419	274,036		
Total operating expenses	738,668	669,144	683,426	616,864		
Operating Result	47,773	59,946	66,028	64,092		
Operating Margin	6.1%	8.2%	8.8%	9.4%		
Summary Statement of Financial Position						
Total Assets	1,445,963	1,377,496	1,436,537	1,359,549		
Total Liabilities	326,505	287,460	318,307	278,377		
Net Assets	1,119,458	1,090,036	1,118,230	1,081,172		
Current Ratio	1.6	1.6	1.4	1.2		
Cash and Bank Term Investments	112,799	89,286	103,295	80,922		

The University of Adelaide Council has adopted two principal financial targets: An operating margin in the range of 3.0% to 5.0% (Operating result as a percentage of total operating revenue as shown in the Statement of Comprehensive Income). A current ratio of at least 1.0 (Ratio of current assets to current liabilities as shown in the Statement of Financial Position). The University continued to achieve these targets in 2011.



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