

THE UNIVERSITY OF ADELAIDE

Annual Report 2009
Part One: Annual Review



FOREWORD: FROM THE CHANCELLOR



Report of the Council of the
University of Adelaide

For the period 1 January 2009
to 31 December 2009

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 2009 to 31 December 2009, furnished in compliance with Section 25 of the University of Adelaide Act 1971 (1 June 2007).

A large, stylized white ink signature of The Hon. John von Doussa QC, written over a dark background.

THE HON. JOHN von DOUSSA QC
Chancellor

A 'topping out' ceremony, held in June on the uppermost level of the new Engineering, Computer and Mathematical Sciences building, marked the completion of the highest point of the new building's structure. The ceremony, attended by members of the University Council, signified a very important step forward for the University. The new building is the flagship project in an extensive capital works program to provide state-of-the-art research and teaching facilities across the University's campuses.

Earlier in the year, construction began on the State's first School of Veterinary Science at our Roseworthy Campus: it is due for completion in 2010. The redevelopment of the 10 Pulteney Street complex is now completed and in October, Council approved the redevelopment of Hughes Plaza to become a purpose-built, student learning hub which will transform the student experience on campus. It will integrate retail and public services with new learning facilities, student services and iconic facilities such as the Barr Smith Library. In October, Council also approved the construction of the new Institute for Photonics and Advanced Sensing. The Institute, which will bring together leading research in optical fibres, lasers, luminescence, chemistry, proteomics and virology, was officially launched at the Royal Institution in Adelaide in November.

On 31 December 2009, Mr Ross Adler AC retired from Council after serving the University for nearly 12 years. Mr Adler was Deputy Chancellor for two terms and also chaired Council's Finance Committee for nearly a decade. The University community is deeply indebted to Mr Adler for his many years of exemplary service. I would personally like to thank Mr Adler for his support and hope that he will continue his long association with the University. Also retiring are: two long-standing external members of the Finance Committee — Mr Peter Buttery and Mr Brian Morris; and Professor Graeme Dandy from the Special Degrees Committee. I thank them for their time and expertise.

To mark National Reconciliation Week in May and the University's commitment to, and acknowledgement of a shared future for Aboriginal and non-Aboriginal people, three flagpoles which fly the Australian, Aboriginal and Torres Strait Islander flags were constructed overlooking North Terrace. The flag raising ceremony was attended by prominent leaders of our Indigenous community and reaffirmed the importance of Aboriginal and Torres Strait Islander people and culture to the University. In September, I was privileged to give the opening address at the 4th National Indigenous Legal Conference, hosted by the University. With the theme Black and White Together: A Time for Hope, A Time for Change, the conference attracted some 200 participants from all over Australia.

In April, prominent Singapore businessman Mr Lim Kee Ming was awarded an honorary doctorate for his distinguished services to education and the community at the offshore graduation ceremonies in Singapore. During the two ceremonies, presided over by the Deputy Chancellor Mr Ross Adler AC, some 130 students from 12 different countries received their degrees.

Amongst my other engagements for the year, those of interest included: the Annual Meeting of the University Community; a breakfast to mark the first anniversary of the National Apology to the Stolen Generations; the 2009 Scholarship Presentation Ceremony; a public lecture delivered by Professor Xu Xianming, President of Shandong University in China; the Joint Vice-Chancellors' and Chancellors' Forum; the August onshore Graduation ceremonies; the 1959 Graduates' Golden Jubilee Commemoration Ceremony; the official opening of the Robinson Institute; and the International Student Farewell Event.

Finally, I would like to acknowledge the work of all members of Council and its Standing Committees who gave their time voluntarily. It has been a privilege to work with such a dedicated group of individuals and I look forward with pleasure to the year ahead.

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FROM THE VICE-CHANCELLOR AND PRESIDENT



A handwritten signature in black ink that reads "James A. McWha". The signature is fluid and cursive, with the first name "James" and last name "McWha" clearly legible.

JAMES A. McWha
Vice-Chancellor and President

The past year has seen significant changes occurring at all levels of learning. In higher education, we have witnessed major reforms from changes to research funding, to the way students can choose where they study, and to the equity and access of university study, to name just a few.

For universities, the bold will almost certainly prosper in this new world. At the University of Adelaide, we have been and will continue to be bold in our decisions for the benefit of the future of our staff and students and for the broader community.

Our ability to respond to the increasing emphasis on growing enrolments and expanding student access will be a major determinant of our long-term success. This remains a key strategic focus and underpins our approach to the delivery of quality teaching programs and student services. Our plans for partnerships with Kaplan and TAFESA to help us to boost pathways to university study are now well advanced. This approach to fostering broader student access has been developed irrespective of the Commonwealth's agenda to broaden the uptake of higher education. We were moving in those directions regardless because it is right, and it delivers social and economic benefits way beyond the confines of our campuses.

Building on our long-term relationships in the western suburbs, we are also developing a strategy for greater engagement with the northern suburbs, to embrace the fastest-growing area, economically, in the state. Population to the north of Adelaide is projected to boom dramatically over the next couple of decades. With Roseworthy Campus already in place, we have the opportunity to become an integral part of this development, but it requires a long-term vision to achieve. Again, this thinking predated the Commonwealth's announcements, but it will be greatly facilitated by them.

We continued to drive positive change in teaching and learning across the University. As an example, last year we introduced the Excellence in Education initiative. This project focused on improving student satisfaction and retention (which is a challenge right across the sector) and the quality of our teaching. It included developing mechanisms to improve feedback to students, improving our e-enhanced learning capability, and identifying effective support



for new and casual teachers. This not only enhanced our approach to teaching and service but also the quality of our facilities and infrastructure.

A great university deserves great facilities. Building state of the art teaching and research facilities is an essential part of strengthening the University from teaching, learning and research perspectives: the student hub on Hughes Plaza, the science building we have proposed for the Union Hall site, the new Engineering, Computer and Mathematical Sciences building (Innova 21), Nexus 10 (Pulteney Street), the new School of Animal & Veterinary Sciences at Roseworthy and the Plant Accelerator at Waite are all exemplars of what we are seeking to achieve.

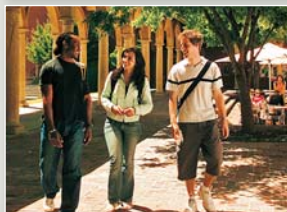
These major developments are not merely buildings but major strategic initiatives that will give us the capacity to embrace the new world far more effectively than would otherwise have been possible. They are a genuine commitment to our staff and students — providing them with the best possible facilities means also that we are presenting them with the best possible opportunities for work and study. This is a commitment to the South Australian community too.

Financially, the University has demonstrated its resilience in the face of highly volatile and at times difficult local and global circumstances. This has allowed us to progress our planning in research, learning and capital works with the appropriate risk management measures securely in place.

As Vice-Chancellor, it is my privilege to lead the University of Adelaide. Our professional and academic staff, students and volunteers should all be tremendously proud of their many achievements over the past year. I would like to acknowledge their outstanding commitment and boundless talent that reinforces the University's formidable reputation as a centre of research and learning excellence. In addition, I salute the generous contribution of the University Council and executive team for their dedicated and professional guidance.

Making bold decisions is rarely easy but it is necessary in our changing world. I am confident the University's core strengths and its capacity to respond to change will position us well for future success.

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 the positive impact we can have 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 high-impact 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.

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.







2009 AT A GLANCE

SOME HIGHLIGHTS OF 2009

JANUARY

University of Adelaide researchers make a world breakthrough in treating premature babies at risk of developmental disorders.

Record number of offers made to potential students.

University wins \$2 million grant to help plan a better health care model for Australia, which takes into account ethical issues and community views as well as economic considerations.

FEBRUARY

Award of \$1.85 million for excellence and improvement in teaching and learning.

Federal Government grants of \$12.8 million to Professor James Paton and Professor Angel Lopez for two major research programs addressing critical health problems.

Four University researchers awarded more than \$338,000 by Cancer Council SA to help find causes and cures for cancer-related diseases.

The University joins a unique mining education joint venture, Mining Education Australia.

MARCH

SA Water provides 24 scholarships for students from the University of Adelaide.

University researchers develop model to predict the biggest population peaks of disease-carrying mosquitoes up to two months ahead, helping the fight against outbreaks of mosquito-borne disease.

University of Adelaide research discovers more species of Australian lizards than previously thought, raising new questions about conservation and management of Australia's native reptiles.

APRIL

Construction begins on the State's first School of Veterinary Science at Roseworthy Campus.

Prominent Singapore businessman Mr Lim Kee Ming awarded an honorary doctorate for his distinguished services to education and the community.

International research team headed by two University of Adelaide researchers wins US\$900,000 grant to help unravel the phenomenon of DNA looping, which is responsible for controlling the expression of genes in cells.

The University admits 306 new graduates at an offshore ceremony in in Singapore.

MAY

University of Adelaide researchers dominate a national list of emerging leaders in science.

Construction begins on \$25 million national plant research facility to boost agricultural research and the plant biotech industry at Waite Campus.

New Centre for Energy Technology aims to become a world leader in the development of alternative energy technologies as well as cleaner, 'greener' combustion.

University reports 2008 operating surplus of \$34.8 million.

Professor Geoffrey Crisp awarded a National Teaching Fellowship, placing him among Australia's leaders in the field of learning and teaching.

Ten new research projects win more than \$2.9 million in Federal funding in the Australian Research Council's (ARC) Linkage Projects scheme.

SEPTEMBER

University of Adelaide endocrinologist Professor Michael Horowitz receives Australia's premier award for research into diabetes.

Five Adelaide researchers are among the first of the Federal Government's prestigious Australian Research Council (ARC) Future Fellowships.

International private education provider Kaplan Inc. joins forces with the University to investigate the establishment of a Kaplan University campus in Adelaide.

JUNE

Stage Government provides a funding injection of \$5 million over five years to help establish the new Institute for Photonics and Advanced Sensing (IPAS), complementing the Federal Government's \$28.8 million Higher Education Endowment Fund (HEEF) contribution.

University awarded \$1.6 million by the State Government to establish new South Australian Centre of Excellence for Geothermal Research.

University of Adelaide to become major centre for global research into nuclear and particle physics after Australian Laureate Fellowship awarded to renowned physicist Professor Anthony Thomas FAA.

OCTOBER

International award to Professor Konrad Jamrozik for his work campaigning against smoking and helping smokers to kick the habit.

The University wins more than \$12.6 million in Australian Research Council (ARC) funding and \$35.8 million for National Health and Medical Research Council (NHMRC) projects.

Professor Maria Makrides awarded \$4.1 million in Federal Government funds to investigate food allergies among infants and also test the role of iodine on children's development.

JULY

An international team of scientists based at the Waite Campus develops salt-tolerant plants using a new type of genetic modification (GM), bringing salt-tolerant cereal crops a step closer to reality.

University-owned Adelaide Unicare wins \$7.5 million to establish South Australia's first integrated multidisciplinary healthcare GP Super Clinic at Playford North.

Postdoctoral researcher Dr Mark Hutchinson and his US colleagues make a significant breakthrough in the causes of epilepsy, which affects about 50 million people worldwide.

NOVEMBER

Adelaide researchers are among a team of international scientists to crack the genetic code of the horse.

Four University of Adelaide students awarded Federal Government scholarships valued up to \$63,500 to study and work in Asia under the Prime Minister's Australia Asia Endeavour Award.

Professor Robert Norman, director of the University's Robinson Institute, wins both Health and Science categories of the 2009 South Australian of the Year Awards.

Radio Adelaide adds to its collection of awards with two further wins at the national Community Broadcasting Association Awards in Brisbane.

AUGUST

Research by neurophysiologist Dr Julia Pitcher and her team from the Robinson Institute linking cognitive outcomes in children born preterm with impaired motor development is named among the top 10 health and medical research projects in Australia.

University of Adelaide staff win SA Scientist of the Year plus another four awards in the South Australian Science Excellence Awards.

The University's annual Open Day attracts record numbers, with approximately 13,000 visitors to the North Terrace campus.

1562 new graduates admitted to degrees at the August graduation ceremonies.

DECEMBER

University wins \$1.32 million for new equipment and facilities to support groundbreaking research in areas such as surveillance and security, plant science and agriculture, and the development of new optic fibres.

New \$300,000 Centre for Research on Gender launched.

The University's "Careers on the Move" program is judged one of the best careers programs in Australia.

The University confers degrees on 3453 new graduates.

STUDENT STATISTICS

	PERSONS		EFTSL	
	2009*	2008	2009*	2008
TOTAL STUDENT ENROLMENTS	22,471	21,312	17,538	16,838
Commencing Student Enrolments	8,508	7,785	6,281	5,831
Aboriginal & Torres Strait Islander Students	172	167	119	122
International Students — onshore	5,664	5,187	4,710	4,384
International Students — offshore	626	667	268	298
BY LEVEL OF PROGRAM				
Postgraduate Research	1,851	1,815	1,300	1,269
Postgraduate Coursework	4,292	4,218	2,479	2,379
Bachelor Degrees	15,476	14,342	13,272	12,691
Other	852	937	487	499
BY FACULTY				
Engineering, Comp. & Maths Sciences	4,227	3,922	3,446	3,162
Health Sciences	3,699	3,326	2,897	2,646
Humanities and Social Sciences	3,827	3,791	2,819	2,902
Sciences	2,944	2,841	2,337	2,270
Professions	7,375	6,928	5,741	5,552
Central Areas	399	504	299	305
BY CAMPUS				
North Terrace (includes hospitals)	20,380	19,413	16,386	15,706
Roseworthy	285	192	225	167
Thebarton	62	51	11	10
Waite	431	288	237	244
Other Australian	762	725	445	427
Offshore	551	643	235	285
BY GENDER				
Female	10,953	10,361	8,502	8,186
Male	11,518	10,951	9,036	8,653
BY ATTENDANCE TYPE				
Full-time	17,156	16,102	15,660	14,969
Part-time	5,315	5,210	1,878	1,869

*Preliminary figures based on
2009 Student Submissions
Source: DEEWR 2008–2009
Student Data Collection

RESEARCH ACTIVITY

RESEARCH INCOME	2009*	2008	2007	2006	2005
		\$000	\$000	\$000	\$000
Australian Competitive Research Grants	74,062	69,890	60,699	62,038	56,264
Other Public Sector Research Funding	40,004	41,005	28,649	27,462	25,887
Industry and Other Funding for Research	28,907	28,141	20,413	18,169	13,016
Cooperative Research Centres	4,854	6,027	6,011	6,813	6,684
Total University Research Income	147,827	145,063	115,772	114,482	101,851

*Preliminary figures based on
2009 financial statements

RESEARCH BLOCK FUNDING (2006–2010)	2010	2009	2008	2007	2006
	\$000	\$000	\$000	\$000	\$000
Research Training Scheme (RTS)	28,072	27,809	28,127	28,989	29,757
Research Infrastructure Block Grant (RIBG)	12,838	12,961	13,641	13,820	14,248
Institutional Grant Scheme (IGS)		15,744	16,232	16,500	16,371
Joint Research Engagement (JRE)	15,271				
Sustainable Research Excellence (SRE)	4,551				

STAFF STATISTICS

	PERSONS		FTE	
	2009	2008	2009	2008
TOTAL STAFF	3,047	2,884	2,765	2,614
BY TYPE				
Academic	1,353	1,293	1,217	1,163
Professional	1,694	1,591	1,547	1,451
Casual	n/a	n/a	n/a	n/a
ACADEMIC STAFF BY FACULTY				
Engineering, Computer & Maths Sciences	221	197	210	190
Health Sciences	395	359	330	300
Humanities and Social Sciences	173	176	153	156
Sciences	373	378	354	355
Professions	162	155	143	136
Central Areas	29	28	28	27
ACADEMIC STAFF BY FUNCTION				
Teaching and Research	879	857	782	763
Research Only	463	424	425	389
Teaching Only	1	2	1	2
Other	10	10	10	10
ACADEMIC STAFF BY GENDER				
Female	496	467	428	406
Male	857	826	790	757

Full-time and Fractional Full-time Staff Statistics.

Casual staff figures for calendar year

Source: DEEWR 2008 & 2009 Staff Data Collection

FINANCIAL PERFORMANCE

	CONSOLIDATED		UNIVERSITY	
	2009	2008	2009	2008
	\$000	\$000	\$000	\$000
STATEMENT OF COMPREHENSIVE INCOME				
Revenue	669,216	635,874	618,274	591,318
Expenses	601,217	603,399	551,221	556,526
Operating Result	67,999	32,475	67,053	34,792
Margin	10.2%	5.1%	10.8%	5.9%
STATEMENT OF FINANCIAL POSITION				
Net Assets	960,942	875,036	953,207	867,180
Current Ratio	1.6	1.4	1.0	1.2
Cash and Bank Bills	61,259	68,453	54,551	63,456

The University recorded an operating result of \$67.1 million in 2009, compared with the 2008 operating result of \$34.8 million. This increase was due to continued growth in student numbers and research performance and the significant recovery in investment markets. This strong result, combined with the operating surpluses of previous years, has enabled the University to reinvest in its student, staff and facilities, including the construction of the state-of-art Innova 21 Engineering and Maths building, the Plant Accelerator at the Waite Campus, the new School of Animal and Veterinary Sciences at Roseworthy Campus and refurbishment of our Business, Economics and Education facilities at 10 Pulteney Street and the Student Learning Hub.

HIGHER EDUCATION ENVIRONMENT



THE COMMONWEALTH GOVERNMENT

It has been a significant year for higher education in Australia, with Government responses to both the Review of Australian Higher Education and the Review of the National Innovation System released, and the new directions and priorities for the Commonwealth articulated.

Key to the changes is a move to a student-centred model, where all qualified students receive an entitlement for a Commonwealth-subsidised higher education place. As funding will follow the student, students will have increased choice over the institution at which they enrol. Institutions will have freedom to enrol as many students as they wish, with the over-enrolment cap lifted from 5% to 10% in 2010 then abolished completely from 2012. There is a strong focus on increasing access for students from low socio-economic backgrounds, improving retention rates and a push for better-articulated pathways between VET and higher education. The Government has set a number of targets relating to access and attainment, aiming for 40% of the population aged 25 to 34 to have Bachelor level qualifications by 2025 and for 20% of all university enrolments to be students from a low socio-economic background by 2020. The University is embracing this with a strategic focus on improving access and participation for a broader range of students. The new Higher Education Participation and Partnerships Program (HEPPP) will provide funding for the University both to develop and strengthen partnerships with schools and communities and to reward the increased participation of low-SES students.

A Structural Adjustment Fund of \$402 million over 4 years has been established to assist universities in the transition to the new system. The Government has also committed to boosting funding generally, increasing the rate of indexation for higher education funding.

Significantly, the Government is introducing performance funding for higher education, negotiating individual compact agreements with each university that set agreed outcomes across teaching, quality, participation, student engagement and completion rates. A proportion of the funds allocated to the University will be distributed on the basis of performance against these outcomes as assessed by the new regulatory and quality body, the Tertiary Education Quality and Standards Agency (TEQSA). TEQSA will also take on a role in accreditation, audit and streamlining regulatory processes to improve national consistency, replacing the Australian Universities Quality Agency (AUQA).

A suite of changes to student income-support have been recommended, including changes to the Parental Income Test and independence rules which have proved controversial to date. The Henry Review of Australia's Future Tax System may also affect student income-support measures and results of this will become clearer throughout 2010.

Infrastructure funding continues through the Education Infrastructure Fund (EIF) to fund priority capital and infrastructure projects across the sector. New funding includes a round specific to clean energy initiatives and sustainability. EIF is also providing funding toward the Super Science initiative, which will fund large-scale capital developments to ensure Australia remains competitive in the global research community.

Funding for research is being overhauled in an attempt to better acknowledge the full cost of research funding and to concentrate areas of research strength. The Commonwealth's Sustainable Research Excellence (SRE) initiative will provide much needed additional funding to help address the shortfall in funding for the indirect cost of research as well as rewarding quality as judged by Excellence in Research Australia (ERA). This funding is conditional on universities adopting transparent costing practices and the University will develop mechanisms to take full advantage of these measures and thereby reduce the cross-subsidisation of research from teaching revenue. Similarly, the University fully supports the Commonwealth's increasing emphasis on performance funding for research and education and is committed to meeting and exceeding any standards agreed with the Government.

There is a strong push from the Federal Government for greater collaboration in research activities through the Collaborative Research Networks (CRE) program, or "hubs and spokes model"; and through Joint Research Engagement (JRE) funding which encourages "collaborative research activities between universities, industry and end-users". The University will continue to improve our research performance by investing in excellence, and by exploring new, innovative ways of collaborating that will ensure we generate high quality research outcomes closely aligned to state, national and international research priorities. The Government is also keen to see greater proportions of businesses engaging in innovation and is establishing the Commonwealth Commercialisation Institute to facilitate links between research and business.



GLOBAL OPPORTUNITIES

The University of Adelaide continues to develop its international reputation, exceeding commencing international student load targets at a time when growth has declined nationally.

Visa regulations have played some part in this and the State Government's pursuit of its vision of Adelaide as a university city has provided a unique competitive advantage. However, other countries are reviewing their immigration laws, which may undermine Australia's relative competitiveness going forward. Although historically times of economic crisis have seen the number of new international students decrease, there has been no significant decline in enrolments at Adelaide, reaffirming the value of investing in a University of Adelaide education.

Opportunities to compete internationally are not just confined to increasing our international student numbers. There are complex social and environmental issues facing Australia and our 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 our local and global communities.



HIGHER EDUCATION AND THE STATE GOVERNMENT

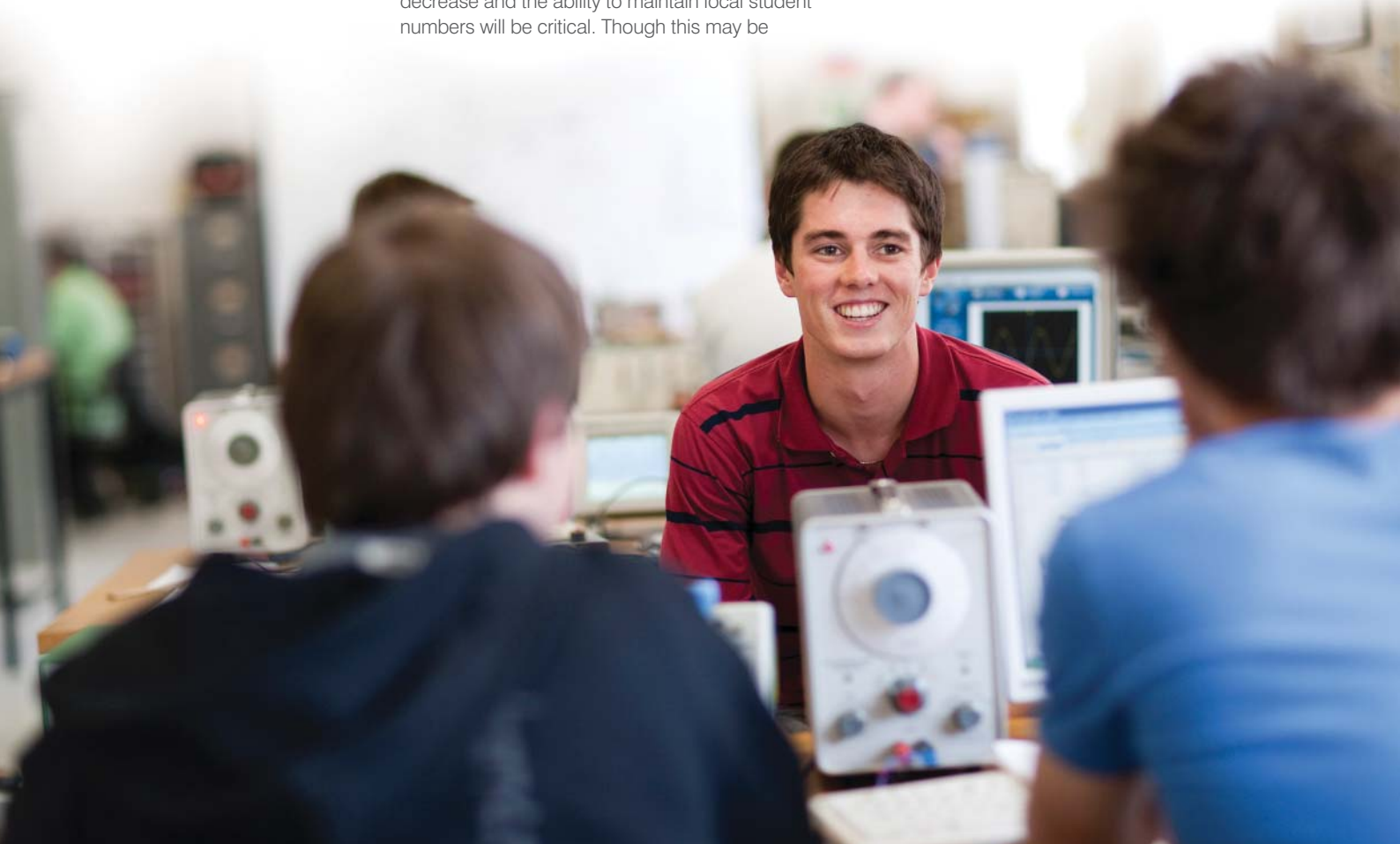
The State Government's Strategic Plan has a goal to "better align institutions of higher education with the State's economic and social priorities". The University has responded to this by focusing its research activities around areas of strength and ensuring congruence with national and state priorities. We have also supported the State in achieving strategic goals relating to increases in international and domestic student numbers.

Further opportunities exist for exports of the University's education and research capabilities. With our diverse range of academic programs, strong links with industry and impressive record in research and development, the University is well positioned to partner with the State in this endeavour, to achieve a lasting impact on our society. As the strongest university contributor to R&D in South Australia, it is critical to our continued growth that we pursue a high level of engagement with State Government planning objectives. The South Australian Strategic Plan, together with associated documents such as the State Infrastructure Plan and the 30-year Plan for Greater Adelaide, are significant for the University, as they provide the framework for State Government priorities and investment in South Australia.

Demographic predictions indicate that due to the ageing profile of our population, Year 12 enrolments in South Australia will continue to decrease and the ability to maintain local student numbers will be critical. Though this may be

offset in part by the State Government's goal of increasing the school leaving age to 17 by 2010 and increasing the percentage of students completing Year 12 or its equivalent to 90% by 2014, innovative measures will be required to improve the participation of traditionally under-represented groups. Nevertheless, the past two 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 recruiting students from the northern suburbs of Adelaide, an area projected to experience substantial population growth in the coming years. The University has also had the opportunity to participate in State programs such as the First Generation Program, supporting students to become the first in their family to attend university and making access to higher education a reality for students previously denied these opportunities.

In a global and national context, several factors disadvantage the University: a smaller domestic market, population growth at half the national rate and a faster ageing population; lower household incomes; declines in traditional manufacturing industries; and a flow of younger people to other States. However, the State, like the University itself, also has many advantages over its interstate counterparts and, with strategic planning and positioning, is showing that obstacles can readily be overcome.





GOVERNANCE



NATIONAL GOVERNANCE PROTOCOLS

Since 2008, the *Higher Education Support Act 2003* has not contained provisions enabling the imposition of the National Governance Protocols as a specific condition of a higher education provider's Commonwealth Grant Scheme funding. However, the Protocols are still regarded by the Minister for Education as an ongoing benchmark for good governance practice. In October, the University Council received a report demonstrating how provisions of the *University of Adelaide Act 1971* and its own internal policies ensured compliance with the Protocols for the period 1 September 2008 to 31 August 2009.

REVISION OF 2008–2012 STRATEGIC PLAN

In late 2008, it was agreed that the University of Adelaide Strategic Plan 2008–2012 be updated in 2009. This was primarily to ensure that significant changes in the Australian higher education sector arising from the Review of Higher Education and the Review of the National Innovation System were accommodated in the Plan.

A Council workshop held in June focused particularly on strategic issues raised by the likely transformation of the higher education environment. The key outcomes of this discussion were then integrated into the Plan. A consultation process conducted with executive managers also resulted in amendments that more clearly defined existing strategies, removed operational detail and responded to sectoral changes.

The Council approved the revised University Strategic Plan at its October meeting.

UNIVERSITY BUDGET 2010

In December Council approved the University Budget for 2010, along with the associated Facilities-Related Capital Management Plan for 2010–2013. In developing the Budget the University sought: to provide the necessary investment to ensure growth, quality and impact; to maintain its underlying operating performance relative to the other Group of Eight (Go8) institutions; to maintain salaries in line with the Go8 average; and to ensure the stability and transparency of funding allocations. Achieving these objectives required a tight control on operating costs and expenditure on capital works.



UNIVERSITY PERFORMANCE REPORT

At its March meeting, the Council considered the annual University Performance Report, the first report associated with the 2008–2012 University Strategic Plan. The report was structured around the three Strategic Plan chapters dealing with research and research training, education, and services and resources. It presents a set of key indicators reflecting institutional performance across a broad range of activities so that they collectively provide an indication of overall quality. The reported measures include change over time and comparable data for the other South Australian universities and the Go8 universities for benchmarking purposes.

The report revealed that the University remains in a strong position, firmly within the Go8 grouping on all indicators. It continues to attract a large share of the best students in the state and to perform well in research on a per capita basis.

AUDIT PROGRESS REPORT

The University received its Cycle 2 Audit Report by the Australian Universities Quality Agency (AUQA) in December 2008. An implementation plan addressing the affirmations and recommendations contained in the report was developed early in 2009, with progress monitored by the Quality Enhancement Committee (QEC) throughout the year.

In December, Council received a detailed report outlining the actions taken by the University in response to the AUQA report. The University's response to AUQA, indicating the significant progress achieved, was submitted in December.

RISK MANAGEMENT

In previous years, internal audits identified the need for clear systems supporting both legal compliance and contract management. In March, Council approved a new Contracts and Agreements Policy and associated procedures, a new Risk Management Policy and revisions to its Legal Compliance Policy. These policies will improve the University's ability to demonstrate compliance and accountability to external funding bodies, collaborators and government agencies.

Updates on the effect of the Global Financial Crisis (GFC) on the University's operations were provided to Council on a regular basis during 2009. Each paper provided selected updates on specific topics. At the end of the year, the University remained well placed to weather the direct impacts of the GFC and was not in breach of any of its Treasury policies, having taken a conservative approach to credit risk management.

Council approved the appointment of the University's internal auditors for the years 2010–2014, on the advice of its Audit, Compliance and Risk Committee.

CONTROLLED ENTITIES

Council considered the quarterly management reports of the University's wholly-controlled entities and approved their budgets and business plans for 2010. It also approved a reporting timetable for controlled entities for 2010.

ANNUAL MEETING OF THE UNIVERSITY COMMUNITY

The annual meeting of the University community was held on 16 February, 2009. It was addressed by the Chancellor and the Vice-Chancellor and was well attended by members of the University community.

ELECTION OF DEPUTY CHANCELLOR

At the beginning of the year the Council re-elected Mr Ross Adler AC as Deputy Chancellor of the University for a 2-year term, subject to his term on Council. Mr Adler retired from the Council on 31 December after 12 years' service and having chaired the University's Finance Committee for almost a decade. Ms Pamela Martin was elected Deputy Chancellor and will serve a 2-year term from 1 January 2010 to 31 December 2011, subject to her term on Council. Ms Martin is a long-serving member of the Council and is employed as the Director, Commercial Advice, in the Department of the Premier and Cabinet.

HONORARY DEGREE

In 2009, the University admitted prominent Singapore businessman, Mr Lim Kee Ming, to its degree of Doctor of the University (*honoris causa*) for his distinguished service to education and the community. Mr Lim is President of Ngee Ann Kongsi, one of Singapore's oldest charitable organisations involved in educational, cultural and welfare activities. He is also a board member of Ngee Ann-Adelaide Education Centre (NAAEC), a joint venture of the Ngee Ann Kongsi and the University.

COUNCIL MEMBERSHIP

IN 2009 THE COUNCIL COMPRISED:

Ex-officio members:

- The Hon. John von Doussa QC
Chancellor
- Professor James McWha
Vice-Chancellor and President
- Professor Christopher Findlay AM
Presiding Member and Chair of the Academic Board

Appointed members:

- Mr Ross Adler AC (Deputy Chancellor)
- Mr Charles Bagot
- Ms Kate Castine
- Ms Dianne Davidson
- Mr Ian Kowalick
- Ms Pamela Martin
- Mr Stephen Young

Co-opted members:

vacant

Elected members:

Academic Staff:

- Dr Rodney Crewther
- Professor Valerie Linton

General Staff:

- Mr John Cecchin (until 5 March 2009)
- Ms Kylie Percival (until 5 March 2009)
- Mr Jeremy Kwan (elected 6 March 2009)
- Mr Christakis Soteriou (elected 6 March 2009)

Students:

- Mr Trent Harron (until 5 March 2009)
- Mr Zhen Ji (until 5 March 2009)
- Ms Ai Chen (elected 6 March 2009)
- Mr Sam Kirchner (elected 6 March 2009)
- Ms Sophie Plagakis (re-elected 6 March 2009)

Graduates:

- Ms Carolyn Anderson
- Professor Simon Maddocks
- Dr John Radcliffe AM

STANDING COMMITTEES OF COUNCIL AS AT 31 DECEMBER 2009

Academic Board

Chair — Professor Christopher Findlay AM

Audit, Compliance and Risk Committee

Chair — Mr Charles Bagot

Convenors' Committee

Chair — The Hon. John von Doussa QC

Finance Committee

Chair — Mr Ross Adler AC

People and Culture Committee

Chair — Mr Ian Kowalick

Senior Executive Review Committee

Chair — The Hon. John von Doussa QC

Special Degrees Committee

Chair — The Hon. John von Doussa QC

The University of Adelaide Council and Senior Management – Council Meeting 5/09, 29 June 2009

Standing: Mr Chris Soteriou; Ms Heather Karmel, Council Secretary; Mr Paul Duldig, Vice-President (Services and Resources); Professor Richard Russell AM, Pro Vice-Chancellor (Research Operations); Ms Dianne Davidson; Professor John Taplin, Pro Vice-Chancellor (International); Dr Rod Crewther; Professor Fred McDougall, Deputy Vice-Chancellor and Vice-President (Academic); Professor Christopher Findlay AM, Chair, Academic Board; Professor Michael Brooks, Deputy Vice-Chancellor and Vice-President (Research); Dr John Radcliffe AM; Mr Sam Kirchner; Mr Jeremy Kwan; Professor Pascale Quester, Executive Dean, Faculty of the Professions; Professor Nick Harvey, Executive Dean, Faculty of Humanities and Social Sciences; Ms Pamela Martin; Professor Birgit Lohmann, Pro Vice-Chancellor (Learning and Quality); Mr Shane McGregor, Chief Financial Officer; Professor Justin Beilby, Executive Dean, Faculty of Health Sciences

Seated: Ms Ai Chen; Professor Simon Maddocks; Ms Sophie Plagakis; Professor James McWha, Vice-Chancellor and President; The Hon John von Doussa QC, Chancellor; Mr Ross Adler AC, Deputy Chancellor; Ms Kate Castine

Absent: Ms Carolyn Anderson; Mr Charles Bagot; Professor Peter Dowd, Executive Dean, Faculty of Engineering, Computer and Mathematical Sciences; Professor Robert Hill, Executive Dean, Faculty of Sciences; Mr Ian Kowalick; Professor Valerie Linton; Mr Stephen Young

SENIOR MANAGEMENT AS A 31 DECEMBER 2009

Deputy Vice-Chancellor and Vice-President (Academic)
Professor Fred McDougall

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

Vice-President (Services and Resources)
Mr Paul Duldig

Pro Vice-Chancellor (Learning and Quality)
Professor Birgit Lohmann

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

Executive Dean, Faculty of Sciences
Professor Robert Hill

COUNCIL SECRETARIAT

Council Secretary
Ms Heather Karmel

Senior Officer
Mr Andrew Starcevic

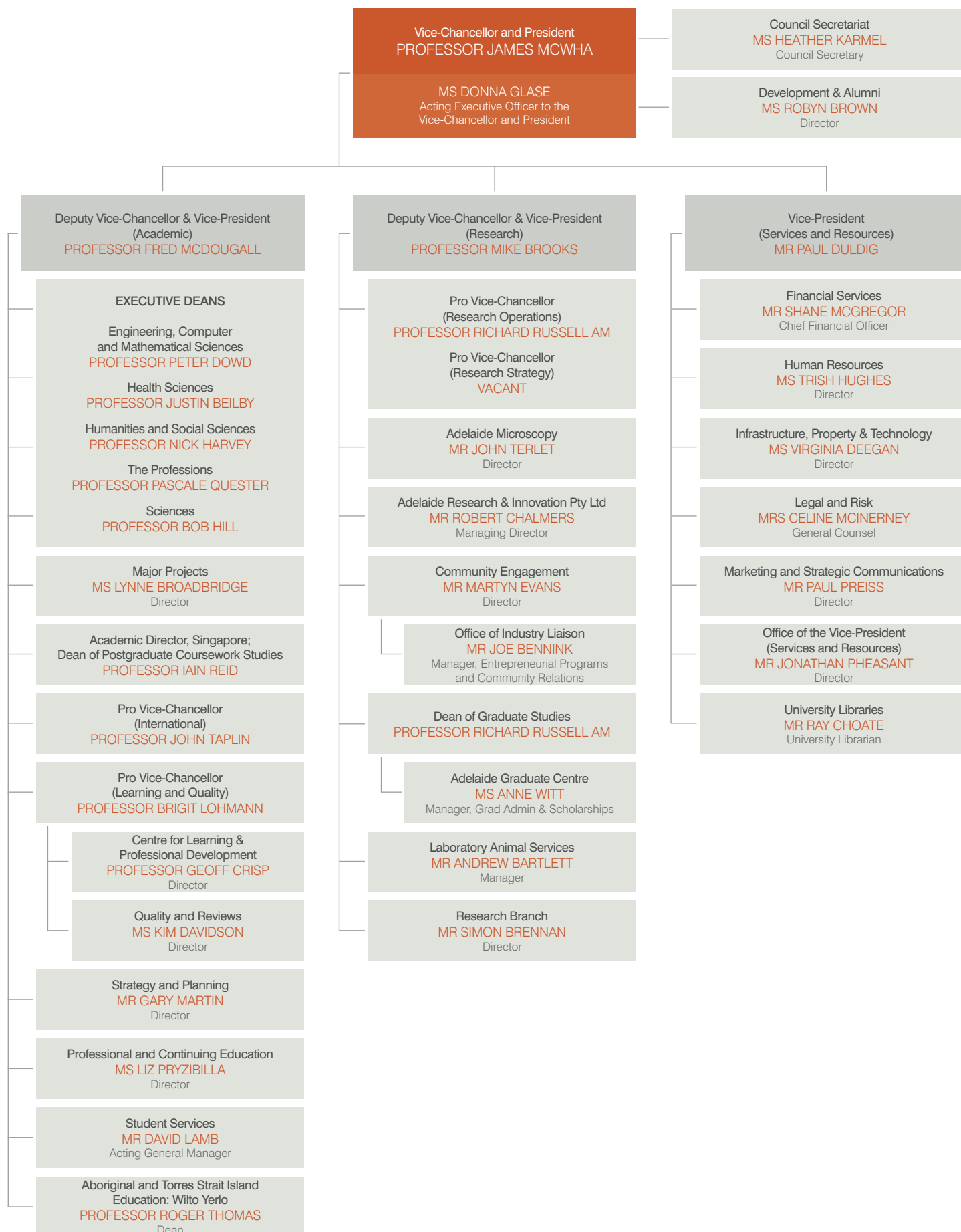
Senior Officer
Ms Anne Wildy

Council Officer
Mr Mariusz Kurgan

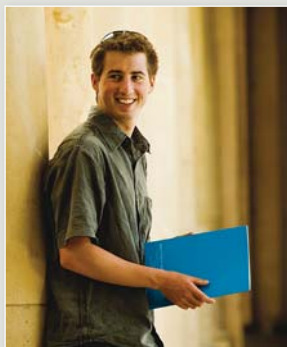


TOP LEVEL ORGANISATIONAL STRUCTURE

Updated 4 January 2010



PLANNING AND QUALITY



PLANNING

STRATEGIC PLANNING

The University of Adelaide's comprehensive process of strategic planning continued with vigour in 2009, culminating in the publication of a revised University Strategic Plan for 2008–2012, *Building a Great Research University*, in December 2009. Since the release of the Strategic Plan in early 2008, the impact of the Global Financial Crisis (GFC) and changes to Commonwealth policy had significant implications for the higher education sector. The plan was revised to take preliminary account of the changing environment. This has not resulted in a change of direction for the University, but rather has allowed us to reconfirm our approach and commitment to building a great research university and to ensure a clear alignment of our 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 and scale; continued increases in student numbers and 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. It is these strategic priorities that have also formed the basis of the University's Interim Agreement, or compact, with the Commonwealth.

The Strategic Plan lays the foundations for becoming internationally recognised as a "great research university", to significantly develop our research performance and reputation and to create a university community that thrives on research and innovation. In a great research university, education and research are not alternatives but integrated, mutually supportive and equally valued activities. Research-intensive universities such as the University of Adelaide are able to provide their students with an excellent and distinctive education as a direct result of the proximity, integration and dissemination of extensive high-quality research activity.

The University intends to build on this distinction and to ensure that it is central to the student experience. The curriculum and teaching will continue to be influenced by research and be developed and presented by excellent teachers: some may be primarily focused on teaching, but all will incorporate current research in their pedagogical practice. Students at the University of Adelaide will be given the opportunity, wherever possible, to apply the research methodologies that they learn in meaningful ways and on meaningful issues, drawing together the skills that they learn as a part of their program of study.



OPERATIONAL PLANNING

The University Operational Plan for 2010–2012 supports the Strategic Plan by outlining the major operational activities required to implement and achieve the University's strategies. Aligned with the Strategic Plan, it identifies the targets and major operational plans for the core areas of the University's business. It also highlights the major priorities of the Divisions and Faculties over the next three years.

Together with the supporting Faculty and Divisional Business Plans, the University Operational and Strategic Plans form part of a systematic Institutional Planning and Performance Framework (IPPF). The IPPF has been progressively developed since its introduction in 2004 and the cornerstone of this framework is the ongoing review of past performance and implementation of practices leading to continual improvement such as annual progress reports. This process is supported by development and analysis of the University Performance Report as well as Performance Reports for Learning and Teaching, and Research and Research Training.

The annual update of student load and research income projections for the University provided the basis for the budget outlook considered by Senior Management. This defined the financial parameters around which the priority operational objectives could be set. Priorities for the University in 2010 are continued growth with a focus on access, excellence, quality and innovation in education, research and service provision. In line with these objectives, Faculty and Divisional targets were determined, providing the financial underpinning for the development of individual Faculty and Divisional Business Plans, major strategic initiatives and the 2010 Budget.

The culmination of these processes was the development of a University Operational Plan for 2010–2012 highlighting the collective view of the University's Senior Management of the areas in which the University will focus its energy and resources during the next planning period to most effectively support achievement of the University's strategic goals.

POSTGRADUATE COURSEWORK PROGRAMS

During 2009, a major task in this area has been the implementation of the approved recommendations of the Postgraduate Coursework Working Party. The first of these recommendations to be executed was the appointment of the Dean of Postgraduate Coursework Studies. Professor Iain Reid was appointed to this position in January 2009. An implementation group to provide advice to the Dean was formed early in 2009. Subsequently, and in line with the recommendations of the working party, Masters degrees that did not meet the agreed standard — a 3-year Bachelor followed by a 2-year Masters degree, or a 4-year Bachelor followed by a 1-year Masters — were identified. In conjunction with the Review of Undergraduate Program Structures Working Party, the way common discipline combinations and specialist content is delivered at other universities was benchmarked. A summary of existing scholarships for postgraduate coursework was completed, and discussions around the need for a postgraduate student portal undertaken with the Dean of Graduate Studies, as part of regular liaison between these two portfolio areas. Benchmarking of modular postgraduate offerings at other universities is under way and discussions with the Division of Services and Resources on the need for dedicated postgraduate teaching spaces continue. A clear progression structure to demonstrate to prospective students the various pathways to Masters and PhD study was presented to Academic Board mid-year. GradStart statistics are being used to regularly monitor postgraduate program performance in terms of enrolment data. A number of new programs were introduced during 2009, and in Singapore, postgraduate program structures in business have been modified to bring them into line with the offering at Adelaide. Seed funding was provided to develop or bring existing postgraduate programs into line with the recommendations of the Postgraduate Review, and these will find their way to Programs Approval Committee during 2010.

The GradStart application system for postgraduate coursework admissions was introduced by the South Australian Tertiary Admissions Centre (SATAC) on a trial basis in mid-2008 and this is only the second fully-fledged year of operation of this centralised admissions service. Entry to more than 200 postgraduate programs is now run via GradStart and is widely considered to be a success, with increased numbers of applications and offers.



SUMMER AND WINTER SCHOOL

In line with the University's Strategic Plan, there has been a focused effort to increase domestic, international, non-award, cross-institutional and study abroad enrolments in Summer and Winter School. It is evident that this focused effort has resulted in significant growth in enrolment numbers for 2009. There was an increase of 26% in Summer School (1359 students, up from 1077 in 2008) and 73% in Winter School (506 students, up from 293 in 2008). This reflects an overall increase in enrolments of 36% for Summer and Winter School 2009 (1865 students, up from 1370 in 2008). A number of factors have played a key role in this increase, including the development of the Summer and Winter School Office within the Office of the Deputy Vice-Chancellor (Academic), targeted seed funding and underwriting of new courses to meet identified student desire, centralised marketing campaigns, streamlining of student administrative processes, and administrative support to academics, faculties and schools.

Enrolment numbers for 2009 include 21 study abroad students during the Winter School (17 Koreans, 2 Norwegians, 1 from the United States and 1 student from East Kazakhstan). In order to continue to increase study abroad enrolments and to meet growing international market demand, a packaged, short-term study abroad program was developed and marketed overseas in 2009. This packaged program, aimed at study abroad students from the Northern hemisphere during the 2010 summer break (Australian winter), received positive feedback from international universities and third party providers, who committed to sending students in 2010.

COLLABORATION WITH TAFESA

The University continues to consolidate and expand its relationship with TAFESA as part of its overall strategy to develop pathways for students from all backgrounds. Articulation and credit arrangements have been enhanced in a range of areas including Animal Sciences, Electrical and Electronic Engineering, Oral Health and Garden Design. Humanities and Social Sciences, the Business School and the Faculty of Health Sciences have developed new pathways into their programs, and negotiations have commenced for articulation agreements for the Bachelor of Nursing, Bachelor of Agricultural Science, Bachelor of Innovation and Entrepreneurship, Bachelor of Finance, and Bachelor of Music.

The University has also increased its marketing efforts to ensure that TAFESA graduates are aware of the opportunities available to them to further their education with targeted publications and recruitment visits to TAFESA institutions.



EQUITY AND ACCESSIBILITY INITIATIVES

The following are some of the initiatives that have been undertaken to address the University's strategy to increase the accessibility of its educational programs.

Changes to Fairway Scheme

The University Coursework Entry Committee (CEC) recently reviewed the Fairway Scheme. This Scheme has been in existence since 1990 and was developed to create greater opportunities for study at the University of Adelaide for students from Australian rural areas and South Australian metropolitan schools under-represented in higher education. The CEC endorsed a recommendation to expand the current Fairway Scheme to ensure greater access to disadvantaged students by allowing for individual applications from students in receipt of the Youth Allowance or a School Card, attending schools not part of the current Fairway Scheme.

This expansion of the Scheme enables students who are disadvantaged by their home circumstances rather than their school circumstances to apply for the same number of bonus points as applicants from Fairway Schools.

Aim for Adelaide

Aim for Adelaide seeks to promote tertiary education to schools that are under-represented within the University community. On 30 June 2009, over 240 students aged between 15 and 17 visited the campus as part of the Aim for Adelaide program. The aim of the day was to change any negative perceptions students may have of university life and study and to make the University appear a more realistic option for the future. Aim for Adelaide included a number of activities with faculties to inspire and excite students. Feedback received was very positive and included suggestions for future visits.

Scholarships

A review of Undergraduate Scholarships was undertaken in June 2009. This review made a number of recommendations to increase funding and re-focus Scholarship allocation. The review was undertaken to ensure the University's scholarship offerings complement the changes introduced by the Commonwealth Government.

The resulting changes are a positive step to providing greater support to a range of equity groups, especially those from remote and rural areas and those suffering financial disadvantage. The changes also support the need to increase student numbers from these equity groups, in particular low SES students. The changes have been designed to increase the attractiveness of the University through an enhancement of benefits provided and to ensure a better response to some of the more undersubscribed scholarships.

In 2009 the Coursework Scholarships Committee (CSC) considered the selection of recipients for the Commonwealth Scholarships (Accommodation [CAS], Education Costs [CECS]), Indigenous Enabling [CAS-IE and CECS-IE], Indigenous Access [IAS], Specialist and Priority), Adelaide Access, and Vice-Chancellor's Scholarships. These scholarships increase higher education participation by students from low socio-economic backgrounds, particularly Indigenous students and students from rural and regional areas and/or from particular equity groups. A total of 78 Access scholarships of 4-year duration, 50 CAS, 71 CECS, 12 CAS-IE, 35 CECS-IE, 41 IAS, 21 Specialist and 57 Priority scholarships were awarded. The two Vice-Chancellor's scholarships were awarded to one male and one female student, both of whom had outstanding academic records.

The University of Adelaide continued its two merit scholarship schemes in 2009, the South Australian Merit Scholarships and the University of Adelaide Principals' Scholarships.

The Merit scholarships, worth \$10,000 for one year, were awarded to all South Australian students who demonstrated outstanding academic merit by achieving a Tertiary Entrance Rank (TER) of 99.95 (excluding all bonus points). In 2009, 28 students were awarded South Australian Merit 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 border Victoria who nominated eligible students. Eligible students must have achieved a TER of 90 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 2009, 121 students were awarded a University of Adelaide Principals' Scholarship.

The University of Adelaide introduced a further scholarship scheme for 2009 for students from drought-affected areas of South Australia. The University of Adelaide Drought Affected Area School Scholarships, worth \$5,000 for one year, were awarded to one student from each school in a drought-affected area of South Australia who achieved a TER of 75 or greater (after the addition of the University's Fairway Bonus). In 2009, 14 students were awarded a University of Adelaide Drought Affected Area School Scholarship.

These scholarships are in addition to the existing prestigious Adelaide Undergraduate Scholarships (4 available in 2009) and the Andy Thomas Scholarship, which were awarded to academically outstanding students who had also made a significant contribution to their school and to the wider community and showed potential for leadership, creativity and innovation in the future. These valuable scholarships provide a living allowance of \$5000 for up to four years and for students' contribution amounts (HECS) to be paid by the University.





QUALITY

AUSTRALIAN UNIVERSITIES QUALITY AGENCY (AUQA) PROGRESS REPORT

The University received the Cycle 2 Audit Report by the Australian Universities Quality Agency (AUQA) on 17 December 2008. The Audit Report supports the direction the University is taking in its aim to become a leader in learning and teaching excellence and is an endorsement of many significant steps being taken in the area of learning and teaching.

As institutions are required to provide a progress report against recommendations and affirmations identified in the Audit Report to AUQA within a year of receiving the Report, an implementation plan addressing the affirmations and recommendations was developed early in 2009. The Quality Enhancement Committee (QEC), a sub-committee of Academic Board, monitored progress on the implementation of identified actions at its quarterly meetings throughout 2009. Regular updates of progress were also posted on the University's website and provided to Council. Consequently, the progress report, approved by the Vice-Chancellor, which showed that significant progress has been made in implementing the actions required to address the recommendations and affirmations, was provided to AUQA by the due date of 21 December 2009.

The University's response will be considered by the AUQA audit director and Chair of the audit panel, and the former will then visit the University to discuss and clarify the responses as necessary. Subsequently the response will be placed on the University's website, and AUQA will include a link to it on the AUQA website. Further progress against the implementation plan will continue to be monitored by the Quality Enhancement Committee throughout 2010.

REVIEWS

The AUQA Audit Report commented positively on the 5-yearly program review cycle that has been implemented by the University. The following program reviews were conducted in 2009:

- Undergraduate Programs in Dentistry
- Undergraduate Programs in Food Science and Technology
- Undergraduate Finance Programs
- Postgraduate Programs in Public Health and OH&S
- Undergraduate and Postgraduate Programs in Petroleum Engineering
- Postgraduate Programs in Digital Media
- Undergraduate and Postgraduate Programs in Chemical Engineering
- Undergraduate Programs conducted by the Elder Conservatorium of Music
- Postgraduate Programs in Business Administration.

Organisational unit reviews are focused on the contribution to and alignment with the University's Strategic Plan and, as with program reviews, form an integral part of the University's quality assurance processes. The systematic review of academic organisational units on a 7-yearly cycle was implemented in 2009 and as a result the following reviews were conducted in 2009:

- School of Education
- School of Humanities.

In addition, a review of the Structure of the Faculty of Sciences was conducted in February 2009. Review reports, recommendations and implementation plans are available on the University website.



BENCHMARKING

In July 2008, the University of Adelaide and the University of Canterbury (New Zealand) entered into a Memorandum of Understanding to facilitate collaboration between the two universities. This included agreement to engage in an ongoing benchmarking relationship and an initial series of benchmarking projects was agreed.

During 2009, the University has seen the relationship with the University of Canterbury develop as a pilot of an international benchmarking approach for the University, with the emphasis being a qualitative one. A series of projects have been initiated around:

- student experience
- performance reporting
- sustainability
- Faculty of Sciences assessment practices.

Regular management meetings were held via videoconferencing, and the Vice-Chancellor, Pro Vice-Chancellor (Learning & Quality) and Director, Strategy and Planning visited the University of Canterbury from 6–10 July 2009 to further progress benchmarking activities. This was followed by a site visit to the University in November.



NATIONAL QUALITY AND STANDARDS POLICY DEVELOPMENTS

During 2009, the University responded to two discussion papers that raise issues around educational quality, qualifications and standards in the higher education sector.

In its response to the Australian Qualifications Framework (AQF) Council paper “Strengthening the AQF: a proposal”, the University expressed support for the proposal based on the principles of simplicity and flexibility. It was acknowledged that a formal qualifications structure has the potential to clarify the relationships between qualifications and contribute to the development of pathways and assist with credit transfer arrangements. If developed with reference to international descriptors, it has the potential to facilitate international alignment of qualifications.

The University, in its response to the Australian Universities Quality Agency discussion paper “Setting and Monitoring Academic Standards for Australian Higher Education”, acknowledged that the development of expectation standards for academic achievement in higher education in Australia may be valuable. However, it emphasised the importance of following a light touch process that is flexible in terms of content and approach. Such a process should also not be overly bureaucratic and not be resource-intensive. To ensure credibility, discipline expert input would be needed in any assessment of standards.

Input was also provided to the Go8 responses to the discussion papers mentioned, through the Go8 Academic Policy Committee. It is expected that the quality assurance agenda will become increasingly important in the next few years as the Tertiary Education Quality and Standards Agency is established and the demand-driven model of student financing is introduced. The University is therefore committed to being part of this important national debate and to providing input when future consultation opportunities arise.

POLICIES

The Vice-Chancellor, on behalf of the Council and on the recommendation of Academic Board, approved the revised Student Experience of Learning and Teaching (SELT) Policy for implementation.

In addition, the Vice-Chancellor, on the endorsement of the Vice-Chancellor’s Committee, approved the Student Grievance Resolution Process and the revocation of the Student Leave of Absence Policy.

LEARNING AND TEACHING



TRANSITION UNIT – FIRST-YEAR EXPERIENCE

The first-year experience is pivotal in improving retention rates and the first six weeks are the most critical in the transition phase. Recognising this, support and information programs designed to enhance the first-year experience were expanded by increasing the number of peer mentor programs across faculties and developing new initiatives targeting equity cohorts. UniStep (University Student Transition Experience Program) was extended to cover the whole of first semester with a modified version available in semester 2.

Existing peer mentoring programs successfully operating in the Schools of Business (undergraduate and postgraduate), Economics, Architecture, Landscape Architecture and Urban Design, and the equity-based, University-wide SmoothStart program continued in 2009. The year also saw the expansion of peer mentor programs in the following schools and disciplines: Computer Science, Civil, Environmental and Mining Engineering, English, and International Studies/ Development Studies. A flexible mentoring program was also offered to students who did not fit the criteria for other programs but were identified as likely to benefit from contact with a peer mentor.

In total, 101 peer mentors were trained and resourced to provide support to 804 commencing students during semester 1. One of the indicators of success — in addition to the positive feedback from participants — is that the pool of mentors is almost exclusively drawn from those who were mentored in previous years.

A new initiative piloted in 2009, called MACs (Mature Age Connections), saw 52 mature-age students attend four social events which gave them the opportunity to meet and share their experiences in a relaxed and informal environment.



ORIENTATION

Approximately 4,000 commencing students attended orientation week with over 1,600 attending the Vice-Chancellor's Welcome in Bonython Hall. Study preparation sessions, library and campus tours, IT information sessions and transition-to-university sessions attracted nearly 4,000. Volunteers in a Welcome Centre on Goodman Lawns and on the Hughes Plaza answered the many questions of new students, as well as promoting services, running competitions and providing entertainment.

A short documentary-style video about a 'day in the life of a new student' was created during orientation week; it highlights the opportunities for students to become involved in what the University has to offer new students. This was uploaded onto the revamped first-year student website.

Expanding orientation via UniStep for the whole of semester 1, and increasing the numbers of sessions and offering a modified version for semester 2, proved to be successful in increasing student awareness of support services and helping students feel connected and involved with university life. Of respondents to a UniStep survey, 72% reported that their awareness of support services had increased as a result of UniStep, and over 50% of students who had thought about leaving university during semester 1 reported that UniStep had influenced their decision to stay.

EXCELLENCE IN EDUCATION

The Strategic Plan (2008–2012) states, "In a great research university, education and research are not alternatives but integrated, mutually supportive and equally valued activities", and identifies the primary education goal for the University as being to "provide a distinctive learning experience of high quality for our students". In support of this goal, 2009 has seen the launch of the Excellence in Education project to consolidate projects from across the University that impact positively on student satisfaction and to track progress and outcomes. The project not only serves to provide a single focus point for learning and teaching-related initiatives, but also facilitates communication of progress and positive outcomes to students and staff.

This umbrella project brings together all the initiatives in the University aimed at improving the student experience, across the following areas:



- Curriculum quality
- Quality of offerings
- Information Technology
- Student experience
- Policy development
- Teaching quality
- Facilities.

Progress on initiatives in each of these areas is reported to the University Learning and Teaching Committee on a regular basis. In addition, indicators of teaching quality at school level have been introduced to assist with monitoring the success of the project. The indicators will assist in identifying schools where best practice occurs as well as schools where action is needed to improve performance.

Excellence in Education is a University-wide project and recognises the efforts made by the faculties to ensure that initiatives are tailored to the needs of different student groups. Additional support has been provided for faculty level initiatives through the recent allocation of \$1,170,000 from the 2009 Learning and Teaching Performance Fund (LTPF) for project proposals in the categories of curriculum renewal, sessional teacher support, and development and embedding effective use of the online environment in the University's courses. In addition, \$189,000 was awarded to schools through smaller Learning and Teaching Implementation Grants.



UNIVERSITY OF ADELAIDE EXCELLENCE IN EDUCATION AWARDS

The inaugural *University of Adelaide Excellence in Education Awards* were announced at the Excellence in Education project launch on 21 September. These new learning and teaching awards recognise and reward academic staff who demonstrate a significant contribution to the enhancement of the student experience. The five awards (one per Faculty) provide an opportunity to recognize a range of contributions, such as contributions to innovative teaching practice, curriculum development, professional development, or new strategic initiatives to improve the student experience. Winners receive a certificate and a grant of \$2,000 to assist with their professional development. In keeping with the aim of the project to improve the student experience across all areas of the University, successful applications were made available on the Excellence in Education website as examples of best practice.

The winners of the *University of Adelaide Excellence in Education Awards* were:

Level 1 Electrical and Electronic Engineering

Dr Wen Soong, Dr Braden Phillips, Dr Matthew Sorell, Mr Peter Ramsey with Mr Darryl Bosch and Associate Professor Michael Liebelt, School of Engineering, Computer and Mathematical Sciences

Development and delivery of coherent, integrated first-year courses, which have been used as an introduction for Electrical and Electronic Engineering students and as a service course in related areas, since 2008. The curriculum emphasises the real-world context, developing system-level projects and exposing students to the broader context of the engineering profession. The courses recognise that students learn in different ways and make extensive use of online resources, including podcasting, strategic use of video demonstrations, online formative testing and practice, and an emphasis on a collegial and collaborative atmosphere in online discussion boards with active lecturer participation, whilst retaining lectures from staff with an excellent track record in teaching.

Online educational initiatives in first and second year Bachelor of Oral Health

Mrs Catherine Snelling and Ms Sophie Karanicolas, School of Dentistry, Faculty of Health Sciences

Utilisation of online tools to create a contemporary learning environment in the first and second year of the Bachelor of Oral Health, creating flexibility in a program where students are rostered for clinical sessions and benefit from an 'anywhere, anytime' approach. The online learning environment is designed to create a community of learners, emphasising the importance of a 'learning family' to cultivate a sense of belonging, mutual trust and respect. Students are encouraged to collaborate rather than compete, and to actively contribute and strongly influence their learning environment through ongoing feedback. Use is made of blogs, interactive online learning modules and wikis.

Revision of Logic Curriculum

Dr Jennie Louise, School of Humanities, Faculty of Humanities and Social Sciences

Restructuring of the curriculum for Logic I and Logic II (core components of the traditional philosophy curriculum) to improve accessibility of the material and its integration across year levels. This restructure included revisions to teaching methodology, new texts, and significant changes in content. Significant online resources, including PowerPoint slides, detailed notes and worked and annotated answers to problems were developed to better support students and cater to various levels of ability. As a result of the restructuring of the courses, enrolments have increased and the grade distribution has changed from bimodal to the traditional bell curve indicating that students who previously would have struggled to pass are now grasping the material well enough to earn a credit.

Using social media to enhance the first-year experience

Mr Josh McCarthy, School of Architecture, Landscape Architecture and Urban Design, Faculty of the Professions

In the first-year design elective course *Imaging Our World*, virtual and physical learning environments were blended to enhance the experience of first-year students by immersing them into university culture through social and academic interaction between peers. The virtual classroom hosted by Facebook provided a platform for students to generate preliminary academic and social interactions with peers in first year university, while meeting the learning needs and attitudes of the current generation of learners. The physical classroom allowed students to interact in a face-to-face environment, essentially transforming the impersonal virtual interaction into a meaningful connection. Compared to a study undertaken the previous year, the current blended learning environment increased peer interaction and academic engagement, two key factors in a positive first year experience.

Chemistry Bridging Course

Dr Gerald Laurence, School of Chemistry and Physics, Faculty of Sciences

The Chemistry Bridging Course is a pre-university course for first-year students taking Foundations of Chemistry I or Biology I courses. The course utilises flexible approaches to learning, improves the overall satisfaction of students and reduces attrition. The course is very intensive (1 lecture and 3 hours of tutorials for 10 days), and is largely taught with tutors around a table, ideally in groups of 10. The lectures are as interactive as possible, and many sessions develop into a dialogue on some general topic relevant to chemistry. The tutorial approach is to have the students explore problems as a group, with careful attention to individual progress. Students who have completed the course consistently perform well in Foundations of Chemistry.

NEW ACADEMIC PROGRAMS

The following programs were approved in 2009.

PROGRAM NAME	FACULTY
Bachelor of Innovation and Entrepreneurship	Engineering, Computer & Mathematical Sciences
Bachelor of Nursing (Post Registration)	Health Sciences
Master of Psychology (Defence)	Health Sciences
Graduate Certificate in Law, Graduate Diploma in Law	Professions
Graduate Certificate in International Trade and Development Graduate Diploma in International Trade and Development Master of International Trade and Development	Professions
Bachelor of Agricultural Sciences	Sciences
Bachelor of Viticulture and Oenology	Sciences
Graduate Certificate in Carbon Management Graduate Diploma in Carbon Management Master of Carbon Management	Sciences
Graduate Certificate in Environmental Monitoring Technologies Graduate Diploma in Environmental Monitoring Technologies Master of Environmental Monitoring Technologies	Sciences
Master of Global Food and Agricultural Business	Sciences
Doctor of Veterinary Medicine	Sciences

EXTERNAL LEARNING AND TEACHING AWARDS

National Teaching Fellowship

Professor Geoffrey Crisp, Director of the Centre for Learning and Professional Development, was awarded a National Teaching Fellowship, one of only three awarded throughout Australia in 2009 by the Australian Learning and Teaching Council (ALTC) and valued at up to \$350,000.

As part of his 12-month Fellowship, Professor Crisp will:

- identify issues faced by teachers and institutions in assessing students in a collaborative, distributed, virtual environment such as Second Life, wikis and blogs;

- collect case studies of different approaches to assessing students in these environments;
- facilitate the development of local and international communities of practice in the assessment of students undertaking Web 2.0 activities; and
- raise the profile of teaching and facilitate strategic change in higher education institutions.

The National Fellowship is one of the highest honours the ALTC can bestow on any educator.

Australian Learning and Teaching Council Discipline Scholar

Associate Professor Maree O'Keefe, Associate Dean (Learning and Teaching), Faculty of Health Sciences, was appointed as an ALTC Discipline Scholar for Health, Medicine and Veterinary Science. Funding of \$231,675 will be provided for 12 months to lead the identification of discipline-based academic standards as part of the Learning and Teaching Academic Standards Project.



NATIONAL STAFF 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 to improving the overall student experience.

The following University of Adelaide staff received Citations for Outstanding Contributions to Student Learning for 2009:

Dr Georges Baume, Business School: For sustained commitment to excellence in the delivery of MBA courses to transnational postgraduate students, resulting in students' growth as confident critical thinkers and decision makers.

Field Geology Teaching Team (Associate Professor Martin Hand, Dr Karin Barovich, Associate Professor Alan Collins, Professor John Foden, Dr Galen Halverson, Associate Professor Graham Heinson, Dr Steven Hill and Dr Andreas Schmidt-Mumm), School of Earth and Environmental Sciences (Geology and Geophysics): For the creation of a community of practice that anchors field-based learning and develops an enduring sense of belonging and camaraderie between staff and students.

Ms Anne Hewitt, Mr Andrew Ligertwood, Ms Margaret Castles, Ms Cornelia Koch, Mr Matthew Stubbs, Law School: For the development of a suite of law courses designed to facilitate student learning of legal theory by immersion in simulated legal practice.

Professor Martin Lambert, School of Civil, Environmental and Mining Engineering: For the sustained maintenance of a caring community of practice among water engineering students that enhances student learning through interactivity and facilitated discussion.

Professor Anthony Pohl, School of Medicine (Orthopaedics and Trauma): For sustained contribution to the education of medical students, enabling enhanced learning and deeper insight into musculo-skeletal function.

Dr Matthew Sorell, School of Electrical and Electronic Engineering: For motivating students to participate in vibrant, interactive communities of practice that facilitate and support deep learning in the field of electronic engineering.

The University has achieved consistent success with these citations since they were introduced four years ago.

EXTERNAL LEARNING AND TEACHING GRANTS

Australian Learning and Teaching Council Grants Scheme 2009

In 2009, the following collaborative teams headed by University of Adelaide staff were successful in winning competitive grants offered by ALTC.

Dr Russell Brinkworth, School of Molecular and Biomedical Science: A collaborative multi-faceted approach to address the gaps between student expectation and experience at university (\$219,000).

Professor Nick Harvey, Humanities and Social Sciences: Employability of Bachelor of Arts graduates (\$217,000).

Professor David Lemmings, History and Politics: Getting a MUVE On: Developing Web 2.0 curricula in the humanities (\$204,000).

Professor Diane Mather, School of Plant and Food Science: Plant breeding by example: Contextual examples linking theory with practice in plant breeding education (\$214,000).

Mr Edward Palmer, Centre for Learning and Professional Development and Associate Professor Peter Devitt, Surgery: The Medici Project: Developing a multi-disciplinary, sustainable resource for blended learning initiatives in tertiary medical education (\$219,000).

The successful grants represent more than \$1 million in funds for continued research into learning and teaching issues that affect the whole of the tertiary sector.

UNIVERSITY STAFF AWARDS

Vice-Chancellor's Award for Excellence in University Teaching

Professor Geoff Heithersay AO, School of Dentistry.

Stephen Cole the Elder Awards for Excellence in Teaching

Professor Geoff Heithersay AO, School of Dentistry

Dr Georges Baume, Business School

Dr Paul Sendziuk, School of History and Politics.

Associate Professor David Walker (School of Civil, Environmental and Mining Engineering) and Ms Kayoko Enomoto (School of Social Sciences) were Highly Commended.

FACULTY TEACHING PRIZES

Engineering, Computer & Mathematical Sciences Prize for Excellence in Teaching

Dr Brian Ng, School of Electrical and Electronic Engineering

Dr Yung Ngothai, School of Chemical Engineering

Award for Excellence for Higher Degree by Research Supervision

Professor Holger Maier, School of Civil, Environmental and Mining Engineering

Health Sciences

Executive Dean's Prize

Professor Geoffrey Heithersay, School of Dentistry

Associate Professor Peter Devitt and
Mr Edward Palmer, School of Medicine

Dr Abdallah Salem, School of Medical Sciences

Ms Sophie Karanicolas and Ms Catherine Snelling,
School of Dentistry

Dr Jackie Street, School of Population Health
and Clinical Practice

Humanities and Social Sciences

Executive Dean's Prize for Excellence in Teaching

Ms Kayoko Enomoto, Centre for Asian Studies,
School of Social Sciences

Early Career Teacher

Dr Eoghan Moloney, School of Humanities

Individual Teacher

Dr Rosslyn Prosser, School of Humanities

Principal Supervisor

Dr Heather Kerr, School of Humanities

Professions

Executive Dean's Prize for Excellence in Teaching

Mr Joshua McCarthy, School of Architecture,
Landscape Architecture and Urban Design

Dr Virginie Masson, School of Economics

Sciences

Prize for Excellence in Teaching

Dr Michelle Coulson, School of Molecular
and Biomedical Sciences

Dr Natalie Williamson, School of Chemistry
and Physics.



UNIVERSITY MEDALLISTS

Engineering, Computer and Mathematical Sciences	<p>Helena Billington — Honours B Maths & Computer Science</p> <p>Laura Helen Blake — B Eng (Chemical — Food, Wine & Biomolecular) with Honours</p> <p>Patrick Mowat Coleman — Honours B Maths & Computer Science</p> <p>Christopher Edward Davies — Honours B Maths & Computer Science</p> <p>Keng Wei Bryan Gui — B Eng (Mechatronic) with Honours</p> <p>James Michael Tisato — B E (Comp Sys) with Honours, with B Maths & Computer Science</p>
Health Sciences	<p>Rhiannon Amber Bilsborough — Honours B Psychology</p> <p>Sin Chi Chew — Honours B Health Sciences</p> <p>Chinn Lin Angela Chua — Honours B Health Sciences</p> <p>Laura Elizabeth Condon — B Medicine, B Surgery</p>
Humanities and Social Sciences	<p>Margaret Lynne Becker — Honours B Arts</p> <p>Matthew Lionel Sheens — Honours B Music (Performance)</p>
The Professions	<p>Joel Lachlan Cooper — B Laws with Honours</p> <p>Michael Lebbon — Honours B Finance</p> <p>Dilmini Mayanthi Lecamwasam — Honours B Economics</p> <p>Anna Olijnyk — Honours B Laws</p>
Sciences	<p>Amanda Yen Ying Choo — Honours B Science</p> <p>Mark Daniel Turner — Honours B Science</p>

RESEARCH AND RESEARCH TRAINING



The University of Adelaide aspires to be one of Australia's top universities by any measure, and the quality of our research is an essential component of the overall success of the University. While not a large university, we continue to attract one of the highest levels of competitive research funding per capita in Australia. Our funded projects include many examples of pure and applied research, as well as collaborative ventures with government bodies, industry, other research institutions and the wider community.

Following a 2009 review of the University's research expenditure for the previous year, it was pleasing to note that our expenditure on research activities exceeded a quarter of a billion dollars in 2008, reaffirming the University's position as a major contributor to the national research effort. Our research operations represent a major investment in work that is of great benefit to society, government and industry in areas of key strategic need. The component of the University's research income that is reportable to the Federal Government grew by 25% over that of 2007, with our top-tier competitive research income growing by 15% to approximately \$70 million. When added to other government grants, infrastructure funding, research student scholarships and a conservative estimate of staff time allocated to research, total research spend exceeded the aforementioned quarter of a billion. The year of 2008 thus proved to be our biggest in the University's research history.

COMMONWEALTH GOVERNMENT RESEARCH FUNDING INITIATIVES

A significant activity for the University during 2009 concerned preparations for the Excellence in Research for Australia (ERA) trial submissions. ERA aims to identify and promote excellence across the full spectrum of research activity in Australia's higher education institutions. The University lodged submissions for two research clusters: Physics, Chemistry and Earth Science, and Humanities and Creative Arts, in June and August respectively. These trials were used to inform the Australian Research Council (ARC) in its development of final guidelines to enable submission of eight ERA Research Discipline Clusters, which will form part of the full ERA assessment in 2010.

Near the end of the year, preparations began in order to respond to the Commonwealth Government's new Sustainable Research Excellence (SRE) research block grant scheme. The primary focus of SRE funding is to support research excellence by providing increased funding for universities to meet the indirect costs of competitive research. This will supplement the existing Research Infrastructure Block Grant (RIBG) scheme, although the determination of SRE funding allocations will be more complex.

RESEARCH FUNDING SUCCESS

The University attracts research income from a wide variety of sources, although our major contributors remain Commonwealth Government agencies. Of the total funding awarded to South Australia from the ARC and NHMRC, the University of Adelaide and its research partners continue to receive the lion's share. This excellent result highlights the strong nature of our continuing expertise and position as the premier research university in the State, as well as our productive, collaborative relationships with other South Australian organisations in government and industry.

Australian Research Council (ARC)

In October 2009, we were awarded \$10.6 million in ARC Discovery Project funding and \$2 million in Linkage Project (LP) funding. In addition to the ARC funding, the Linkage Project's leveraged \$4.3 million of cash and in-kind contributions from partner organisations.

The 30 Discovery Projects won by University researchers include groundbreaking research in the areas of environment and ecology, agriculture, finance and economics, health, physics, engineering, computer science, genetics, history, geography and psychology. Some examples are:

- The circular migration in Asia, the Pacific and Australia, which is fundamental to the nation's economy, society and security (Professor Graeme Hugo, *et al.*);
- The quantification of risks associated with Australia's water resources under current and future climate change, including those from coastal tides and storm runoff (Professor Martin Lambert, *et al.*);
- An understanding of genetic changes in human populations caused by past epidemics, providing new information about the possible consequences of current and future epidemics (Dr Wolfgang Haak, *et al.*); and
- A study of cosmic rays by combining gamma-ray and radio astronomy, helping to provide a new look at the way in which the Milky Way is disrupted by extreme objects such as exploding stars (Dr Gavin Rowell, *et al.*).

Continuing a strong tradition of developing research outcomes in partnership with industry, the University also won 18 new ARC Linkage grants over the two funding rounds announced in 2009. Two examples of the research projects are:

- The production of biodiesel fuel from meat industry by-products, using cutting-edge technologies. The project is led by Professor Robert Gibson, working with Dalriada Meat Pty. Ltd.

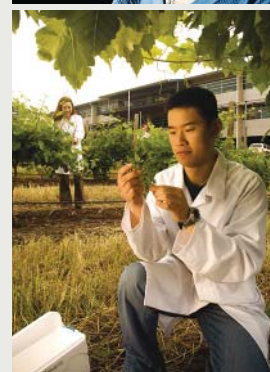
- How the elderly have adapted to and coped with extreme heatwaves in South Australia, and how this could contribute to public health planning. The project is led by Associate Professor Peng Bi, working with the SA Department of Health and the State Emergency Service.

Earlier in the year, the University of Adelaide was successful in winning a prestigious ARC Australian Laureate Fellowship, one of only 15 awarded nationwide. The Fellowship was awarded to internationally renowned physicist Professor Anthony Thomas FAA, Chief Scientist and Associate Director for Theoretical and Computational Physics at Jefferson Lab, the US Department of Energy's Thomas Jefferson National Accelerator Facility in Virginia, USA.

As well as taking up the Fellowship, Professor Thomas will lead a new Research Centre for Complex Systems and the Structure of Matter. As part of his research, he will explore the structure of neutron stars and probe the nature of atomic nuclei.

The University of Adelaide was also successful in winning five ARC Future Fellowships, which will attract almost \$4 million in research funding over the next four years. These Fellows and their research projects are:

- Associate Professor Sean Connell: Kelp forest ecosystems near and far: putting a new theory explaining dynamic ecological systems to the test.
- Professor Alan Cooper: From Biodiversity to Health: performing the first genetic audits of Australia.
- Dr Darryl Russell: Regulation of tissue morphogenesis in reproductive function and metastatic cancer.
- Dr Christopher Sumby: Internally decorated discrete metallo-supramolecular assemblies and infinite metal-organic frameworks as molecular containers.
- Dr Phillip Cassey: The evolution of species' traits and spread during biological invasions.



Grains Research and Development Corporation (GRDC)

In 2009, the GRDC provided us with six significant grants worth over \$5 million, primarily in the area of wheat and barley breeding, an area in which we remain world leaders. Examples of the projects include:

- Dr Glenn McDonald: Improved phosphorus use efficiency in wheat and barley
- Dr Chris Preston: Improving weed management in conservation farming systems
- Dr Mike McLaughlin: Developing chemical methods to mobilise fixed nutrients in cropping soils.

Grape and Wine Research Development Corporation (GWRDC)

Three of the University's researchers were awarded GWRDC funding for the following projects:

- Dr Roberta Veale: Moving towards co-creation branding partnerships with consumers
- Dr Sue Bastian and Dr Cassie Collins: Cell death in Shiraz berries: consequences for harvest timing, extractability and grape/wine quality in warm regions
- Dr Steve Goodman: Mapping the decision influencers along the wine supply chain.



National Health and Medical Research (NHMRC)

At the start of the year, the NHMRC awarded the University \$12.8 million to lead two major research programs addressing some of the world's most critical health problems. Bacterial diseases expert Professor James Paton won \$9.1 million for a 5-year program to help combat pneumonia, meningitis, gastroenteritis and other infectious diseases, which account for more than 10 million deaths worldwide each year. Affiliate Professor Angel Lopez of SA Pathology was awarded \$3.7 million to investigate a group of protein hormones and their receptors that are implicated in several forms of cancer.

In October, the NHMRC provided the University and its affiliated research partners with funding for 54 new Project Grants, worth \$35.8 million, as well as a number of fellowships and career development awards. In the case of the Project Grants, this was our best performance ever, attracting 78% of the funding awarded to our State. The University has seen a considerable increase in its national share of NHMRC funding over the last two years. This funding will support research projects into early childhood development, nutrition, cancer and other diseases, men's health, obesity, Indigenous health, reproduction and heart disease. Examples of the funded projects and their research team leaders include:

- Professor Gary Wittert: to investigate how changes in sex hormones, together with inflammation and environmental factors can contribute to heart disease in men;
- Professor Maria Makrides: to test whether children exposed to specific foods in early infancy are more likely to develop a tolerance to those foods;
- Professor Ian Chapman: to research the impact of testosterone tablets and a nutritional supplement to help reduce hospital admissions in undernourished older people;
- Dr Lisa Jamieson: to study the association between periodontal disease and cardiovascular disease in the Indigenous population.

The funded projects involve researchers from our research partners at institutions including the Women's and Children's Hospital, Royal Adelaide Hospital, Queen Elizabeth Hospital, Women's and Children's Health Research Institute, Hanson Institute and SA Pathology. The University of Adelaide continues to value its relationship with affiliate institutions and staff very highly. The mutual benefits of this relationship are evident in the grant success.

Other research funding organisations

Researchers at the University successfully win funding from a wide range of sources in the government, industry and community sectors. The following examples give a sample of the projects funded and the sources of that funding.

The SA Premier's Science and Research Fund provided funding to researchers at the University for three new projects:

- Professor Gus Nathan, working with Mr Terry Kallis from GeoSolar, will lead a project on the design and development of an integrated solar, geothermal and combustion system for high efficiency, base load power generation.
- The University of Adelaide will lead a world-class project to develop an early warning system for South Australia on the effects of climate change. The TREND program (TRansect for ENvironmental Monitoring and Decision Making) will provide an early warning system for ecosystem shifts due to climate change.
- Professor Anton van den Hengel will work to develop capability in modern aerial and satellite image processing, initially focusing on extracting information on carbon content in vegetation.

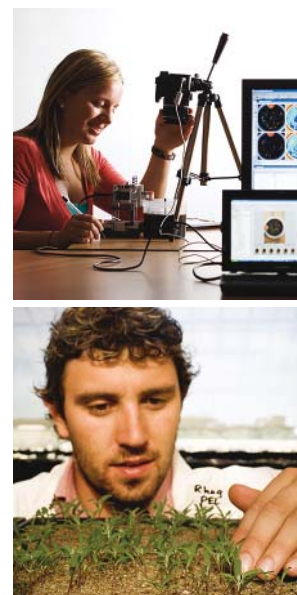
The Cancer Council of SA provided funding for researchers to help find causes and cures for cancer-related diseases.

- Professor David Callen: to research new ways of selectively reverting cancer cells to a normal state
- Associate Professor Paul Reynolds: to investigate specially designed viruses that can selectively kill cancer cells that cause mesothelioma, which is related to asbestos exposure.

Dr Katja Hogendoorn received funding from Horticulture Australia to study the development of native bees as pollinators of vegetable seed crops.

The Human Frontier Science Program, based in France, awarded Dr Keith Shearwin and Dr Ian Dodd a US\$900,000 grant to help unravel the phenomenon of "DNA looping", which is responsible for controlling the expression of genes in cells and is believed to play a key role in a number of diseases, including many cancers.

The National Heart Foundation awarded six grants to our researchers in 2009, providing over \$1 million in funding to the University.



RESEARCH INFRASTRUCTURE

In July, the Corporate Research Systems Team released the “Researcher Profiles Module”. This is the third in a series of Operational Research Business Information Tool (ORBIT) modules that also include tools for Student Profiles and Project Reporting. ORBIT is a web-based system that provides users with a detailed view of the research activities of the University. The Researcher Profiles Module delivers a range of reports and tools to assist in the management and reporting of researcher backgrounds, their research activities, and research outputs. It includes information on grants, publications, seminars and visiting scholars, and is available to all professional and academic staff.

Throughout the year, construction on the \$25 million Plant Accelerator continued apace at the Waite Campus. When completed in 2010, the “super greenhouse” will be the largest and most sophisticated public facility of its type in the world. The facility will allow up to 160,000 plants to be phenotyped each year, enabling researchers to respond faster to market needs, increase the quality of plant science research and accelerate the transfer of these advances to benefit our local industry. As part of the Australian Centre for Plant Functional Genomics, it will attract additional international scientists and postgraduate students to the University.

In December, the University was awarded \$1.32 million from the ARC Linkage, Infrastructure, Equipment and Facilities grant scheme. The new equipment and facilities will support groundbreaking research in the following projects:

- A high-resolution environmental scanning electron microscope
- Capability for the fabrication and characterisation of mid-infrared photonic materials
- Accelerating Australia's large scale video surveillance research programs.

A State Government funding injection of \$5 million to support the new Institute for Photonics and Advanced Sensing (IPAS) also boosted research facilities. The Institute will support the defence, advanced manufacturing, biosecurity, solar and optical research areas.

PUBLICATIONS

Institutional data on publications by staff, students and affiliates of the University are collated annually to comply with the requirements of the Department of Education, Employment and Workplace Relations (DEEWR) Higher Education Research Data Collection (HERDC).

The collection of 2008 research publications for HERDC reporting shows that the University of Adelaide had an overall increase of 7% in its publications numbers. With the production of more journal articles and less conference papers, these publication statistics indicate improved quality. The table summarises this year's collection results by publication category and provides a time-series comparison.

Table 1: University of Adelaide Publications:
Unweighted Scores, 1999–2008

Year	Books (A1)	Book Chapters (B1)	Refereed Journal Articles (C1)	Refereed Conference Papers (E1)	TOTAL
1999	12.8	104.3	821.4	156.5	1095.1
2000	9.5	112.4	922.0	122.3	1166.2
2001	16.0	91.2	1038.5	173.6	1320.8
2002	13.5	78.6	1010.2	158.9	1261.2
2003	16.0	95.2	979.9	208.6	1299.7
2004	13.0	104.3	1086.2	271.5	1475.0
2005	15.5	112.9	1053.8	305.9	1488.1
2006	16.7	107.8	1137.1	345.9	1607.4
2007	27.5	145.4	1246.4	378.0	1797.3
2008	24.2	128.4	1307.8	342.0	1784.6

Source: University of Adelaide Research Branch



RESEARCH COMMERCIALISATION

In 2009, Adelaide Research & Innovation (ARI), the commercial development company of the University, marked the 25th year in operation. The company, a wholly owned subsidiary of the University, facilitates commercial development, contract management and legal services for University researchers, and provides a focal point for collaboration between the University and its partners. ARI delivers significant financial returns from applied research as well as fostering a culture of research and commercial excellence.

The University is a great resource for our community, and increasingly government, business and industry are tapping into this hub of expertise. With a strong focus on multidisciplinary and collaborative research, University of Adelaide researchers identify and address the needs of their partners in industry, government and the wider community.

Exceptional performance in this area continued in 2009, with contract research and consulting revenues facilitated by ARI exceeding \$26 million; an increase of more than \$2.6 million from the previous year and \$1.25 million ahead of budget. Researchers provided consistent year on year growth in the number of government and industry-funded projects, the total of which exceeds 300 agreements annually. Collaborative research deals continued to increase, with ARI providing input into applications for varied funding programs including ARC Linkage and Commercialising Emerging Technologies (COMET). Through these applied research partnerships, South Australian research innovations are delivering social, medical, economic and environmental benefits around the world.

Health, agriculture and environmental research continue to be consistently strong areas of applied research capability for the University, along with emerging strengths in areas including social innovation, energy and communication technologies. The University's largest customers are State and Federal Government departments and agencies.

Activity in the University's intellectual property portfolio has also continued to increase. Royalty income this year, which predominately comes from wheat and barley varieties, generated \$1.7 million. These funds are fed back into the University to further research.

In a significant coup for South Australian innovation, ARI was instrumental in securing the first Australian investment from the newly created Trans Tasman Commercialisation Fund to support a new University spinout, SNAP Network Surveillance Pty Ltd, focusing on new network video surveillance technology.

The Trans Tasman Fund complements a program launched by ARI in 2007, the Commercial Accelerator Scheme, which provides an opportunity to support researchers with funding to establish proof-of-concept or reach a development milestone necessary to attract a commercial partner. ARI has now invested more than \$1.5 million across 8 applied research projects seeking to achieve proof-of-concept through the scheme, including a wound healing breakthrough, developments in IVF treatment, mining software and new yeast varieties for wine production.

ARI maintains a continual focus on marketing, business development and networking opportunities in order to promote the research capabilities and services of the University to key stakeholders, attending a range of networking events (CEDA, AMCHAM, Ausinnovate, Ausbiotech). In 2009, ARI produced a guide to applied research services at the University, titled *Connecting Today's Research to Tomorrow's Innovation*. More than 16,000 people visited the ARI website in 2009 in search of details on applied research.

ARI also delivers more value to the University via education and training programs. In 2009 nearly 500 researchers attended commercial training sessions run in a variety of formats and platforms, focusing on industry-linked funding opportunities.

ARI was strengthened during 2009 through the appointment of new staff to the Commercial Development team in order to continue to manage the growth in applied research contracts, and also by the appointment of two new external directors with extensive commercial experience: Fiona Pak-Poy and John Bastian.



RESEARCH TRAINING AND SCHOLARSHIPS

The University is proud of the quality research training and experience it provides to its postgraduate research students. In 2009, Adelaide completed approximately 260 research-intensive postgraduate qualifications, including 219 research PhDs.

Student feedback indicators demonstrate a high level of student satisfaction with their graduate experience at Adelaide. The Adelaide Graduate Centre is constantly evolving to meet the changing needs of students and their supervisors, playing a vital role in ensuring that candidatures are well administered and students are supported at every step of their research training.

One of the fundamental research training aims of the University's Strategic Plan is to increase the number and proportion of domestic and international Higher Degree by Research (HDR) students, and one important way in which we do this is through the provision of scholarships. In 2009, Adelaide administered 111 commencing Australian Postgraduate Awards. In addition to this prestigious national scholarship program, we fund our own scholarships scheme, allocating 160 new Divisional Research Scholarships.

The University's initiative to provide tuition fee waivers to international students completing a 4-year undergraduate degree or equivalent (with First Class Honours), or a Masters degree at the University of Adelaide, resulted in an additional 20 students accepting places.

The University has a joint initiative with the China Scholarship Council to provide research training for qualified postgraduate research students and early career postdoctoral research scholars from Chinese universities. In 2009, 29 tuition fee scholarships were awarded to applicants from our partner universities in China. Recipients are undertaking research programs in Petroleum Engineering, Hydrology, Agriculture and Animal Science, Pharmacology, Plant and Food Science, Medicine, Mechanical Engineering, Civil and Environmental Engineering, and Architecture.

The University also allocated a number of international postgraduate research scholarships, funded by the Commonwealth Government and the University. Thirty scholarships were made available to cover tuition fees and a living allowance for up to 3½ years, with an additional 15 scholarships covering tuition fees only. The successful recipients come from a diverse range of countries including Kyrgyzstan, Colombia, Egypt, Cameroon, the USA and Germany.

In further acknowledgement of the importance we attach to high quality supervision for our research students, the *Award for Excellence in Higher Degree by Research Supervision* was given to Associate Professor Kimi Coaldrake of the Elder



Conservatorium of Music. Associate Professor Coaldrake was praised by her students and colleagues as a supervisor of exceptional ability. Her selection was a tribute to the consistently high quality of her work with postgraduate students over an extended period, and recognised how generous she is with both her time and expertise, and the manner in which she nurtures young researchers.

Two research students at the University were awarded PhD top-up scholarships by Healthy Development Adelaide (HDA).

Both will receive an extra \$5000 a year for three years, mostly funded by the Channel 7 Children's Research Foundation. Ms Lisa Akison is undertaking research into the factors essential for ovulation and strategies for understanding and preserving normal female fertility. Mr Luca Prisciandaro's research involves identifying probiotics for better treatment in chemotherapy-induced bowel injury.

Two other University of Adelaide students were awarded scholarships valued at up to \$63,500 to study and work in Asia under the *Prime Minister's Australia Asia Endeavour Award*. The Asian equivalent of a Rhodes Scholarship, the awards went to Ms Michelle Lee (PhD student in Orthopaedics) to undertake research at the Chinese University of Hong Kong, researching traditional Chinese medicine and the effects on bone cancer, and to Mr Matthew Rodda (PhD student in Bioscience), who will undertake research on the physiology of rice plants at the Institute of Urban Environment within the Chinese Academy of Sciences. The University of Adelaide was the only South Australian university to be awarded the scholarships and won 10% of the awards offered nationally.





RESEARCH COLLABORATION

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 2009.

The University was very successful in Round 11 of the CRC program, with participation in the following successful Co-operative Research Centres:

- \$28 million funding to the Deep Exploration Technologies CRC. This is an industry-initiated and driven response to a challenge that particularly affects the mineral industry in Australia. The Key Researchers are Professor Peter Dowd and Professor David Giles.
- \$20 million for the CRC for Greenhouse Gas Technologies to undertake leading research into and development of technologies for carbon dioxide capture and geological storage. The Key Researcher is Professor John Kaldi.
- \$17.5 million to the Energy Pipelines CRC to support the safe and energy-efficient maintenance and expansion of Australia's energy pipeline infrastructure. The Key Researcher is Professor Valerie Linton.
- \$28 million to the Poultry CRC to achieve sustainable and ethical poultry production. The Key Researcher is Professor Phil Hynd.

SA Water and the University of Adelaide signed a Memorandum of Understanding to enhance our relationship by encouraging collaborative research and sharing of knowledge between some of the nation's leading water quality experts. SA Water and the University are currently working on 12 projects that have attracted almost \$2 million in funding, including studies on the Lower Murray Lakes, prevention and treatment of blue-green algae blooms, and strategies for reducing wastewater production. The collaborative work will assist SA Water to improve early links with qualified water professionals in South Australia.

In November 2009 the Australian Cancer Research Foundation awarded a grant of \$3.5 million to professors Angel Lopez, Sharad Kumar, Tim Hughes and Hamish Scott in the Centre for Cancer Biology. The grant will provide equipment to establish a new Cancer Genomics Facility, enabling researchers to obtain insights into genetic modifications that underpin development of new tools for better diagnostics, disease prognosis, drug response, and resistance to chemotherapy. This is a joint initiative between the University of Adelaide and SA Pathology.

A joint \$3.3 million project led by Murdoch University, and involving the University of Adelaide, now leads world algae biofuel research, after more than 12 months of consistent results at both universities. The project, aimed at creating commercial quantities of clean biofuel, received partial funding from the Commonwealth Government as part of the Asia-Pacific Partnership on Clean Development and Climate. A key aspect of the project is to show that commercial levels of algae can be grown without competing for resources with food crops.

During the year, members of the University were involved in consultations with the State Government on the establishment of an independent South Australian Health and Medical Research Institute (SAHMRI). As the premier research university in the State, we recognise the value of productive, collaborative relationships with other organisations, particularly in the area of health and medical research. In December, the University became a formal signatory to the SAHMRI Members Agreement. This Agreement outlines the principles for the working relationships between SAHMRI and its members for the next four years.

AWARDS AND RECOGNITION

Throughout 2009 numerous University researchers and affiliates were duly recognised by external bodies for their outstanding commitments and hard work. The following provide some examples of the high esteem in which our staff and students are held.

South Australian of the Year Award

Associate Professor Bill Griggs AM ASM was the 2009 recipient of the prestigious *South Australian of the Year Award*. Dr Griggs is an Associate Professor in the University of Adelaide's Discipline of Anaesthesia and Intensive Care (School of Medicine) and is Director of Trauma Services at the Royal Adelaide Hospital.

Professor Rob Norman, a world-renowned reproductive health expert who is the Director of the Robinson Institute, was named the winner in both the Health and Science categories of the 2009 *South Australian of the Year Awards*. Professor Norman is one of the world's experts on the management of infertility using innovative IVF techniques, and was recognised for his outstanding contribution to reproductive health and regenerative medicine.

South Australian Science Excellence Awards

Staff of the University of Adelaide won five of the eight award categories.

- *South Australian Scientist of the Year*:
Professor Robert Norman (Robinson Institute).
- *Excellence in Research — Public Good*:
Professor Alastair MacLennan (School of Paediatrics and Reproductive Health).
- *Excellence in Research — Collaboration*:
Healthy Development Adelaide.
- *South Australian Young Tall Poppy*:
Dr Alice Rumbold (School of Paediatrics and Reproductive Health). It is worth noting that the University of Adelaide had 6 of the 10 finalists in this year's Young Tall Poppy category.
- *Science Educator of the Year — Tertiary*:
Professor Holger Maier (School of Civil, Environmental and Mining Engineering).

National Health and Medical Research Council (NHMRC) 10 of the Best

A research project undertaken by neurophysiologist Dr Julia Pitcher and her team from the Robinson Institute was named among the top 10 health and medical research projects in Australia. Dr Pitcher's 4-year NHMRC-funded research project found evidence that even mild prematurity alters normal development of the motor cortex area of the brain that controls movement.

Australian Diabetes Society Kellion Award

Professor Michael Horowitz, School of Medicine, received Australia's premier award for research into diabetes. *The Kellion Award*, presented by the Australian Diabetes Society, is for his outstanding contribution to diabetes research over a period of 27 years.

The Weekend Australian Magazine's Next 100 Emerging Leaders

Professor Tanya Monro was the winner of "Next 100 Emerging Leaders" series in the Science category. Professor Monro is the Director of the University's Institute for Photonics and Advanced Sensing. The University had three of its scientists in the list of 10 Emerging Leaders in Science. The others were Associate Professor Sarah Robertson, co-Director of the Research Centre for Reproductive Health, and Professor Mark Tester, Federation Fellow in the Australian Centre for Plant Functional Genomics.

Fellows

Three staff members and three affiliates were among 22 new Fellows elected to the Australian Academy of the Humanities:

- Han Baltussen, Associate Professor in Classics and Ancient Thought
- Garrett Cullity, Hughes Professor of Philosophy
- David Lemmings, Head of the School of History and Politics
- Peter Hambly, Visiting Research Fellow in European Studies
- Rosemary Lloyd, Adjunct Professor of French
- Peter Davis, Visiting Research Fellow in Classics.

Professor Pascale Quester, Executive Dean of the Faculty of the Professions, was made a Fellow of the Australian and New Zealand Marketing Academy.

Professor Tanya Monro, Director of IPAS, was made a Fellow of the Australian Academy of Technological Sciences and Engineering.

Dr Mike McLaughlin, Chief Research Scientist, CSIRO Land and Water, and a member of the School of Earth and Environmental Sciences, was also made a Fellow of the Australian Academy of Technological Sciences and Engineering.



RESEARCH CENTRES AND RESEARCH INSTITUTES

As a research-intensive university, we are committed to encouraging strong growth in our research; and we are making a substantial internal investment in some of the best research the University has to offer. In particular, the University is funding a number of new research institutes and research centres. These bodies are charged with: attending to national and state priorities; tackling grand challenges of critical value to society; operating across multiple disciplinary boundaries; and working with key sections of the community.

Research Institutes

Three of the University's five new Research Institutes were formally launched during the year.

The South Australian Minister for Health, the Honourable John Hill MP, launched the University's new Robinson Institute in March 2009. In collaboration with the Lyell McEwin, Women's and Children's, RAH and TQEH hospitals and Pathology SA, the Robinson Institute involves more than 200 research staff and students, with expertise ranging from epidemiology through to molecular biology and genetics. It builds on the University's strong international reputation in reproductive health.

June 2009 saw the launch of the Environment Institute by the South Australian Minister for the Environment and Conservation, the Honourable Jay Weatherill MP. The Federal Minister for Climate Change and Water, Senator the Hon. Penny Wong, was represented by the Member for Port Adelaide, Mark Butler MP. The Institute brings together leading research groups at the University in the field of science, engineering and economics. It aims to deliver expertise and understanding to improve the management of natural resources such as water, soil, land and native flora and fauna. Professor Mike Young is the Director.

The official launch of IPAS took place in November 2009, attended by the Governor of South Australia and other distinguished guests. Working closely with government and industry, the Institute aims to address major challenges in the areas of defence, national security, climate change and health, bringing together researchers from disciplines in the physical, biological, medical and environmental sciences. The Institute is led by Federation Fellow Professor Tanya Monro.

The implementation process continued for the Institute for Mineral and Energy Resources. This Institute is designed to address one of the biggest challenges facing Australia: how to continue to expand the economically critical mineral and energy resources industries in a technically, economically, socially and environmentally sustainable manner. Researchers will work on the complex challenges faced by the mineral and energy sectors by providing integrated research, education, professional development and consulting services across all aspects of the mineral and energy resources industries, from exploration through processing to international trade.

During the year approval was given for the establishment of the Waite Research Institute in 2010. With a focus on plant and animal sciences, viticulture and oenology, agronomy, soil science and agricultural economics, the Institute aims to cement and enhance the position of the University as Australia's foremost agricultural research institution, addressing key issues such as global food security and agricultural sustainability.

Research Centres

The University presently operates a significant number of Research Centres spread across our research disciplines. The following are some of the new centres established during the year.

The University of Adelaide was awarded more than \$1.6 million from the State Government to establish the South Australian Centre of Excellence for Geothermal Research. The Centre will conduct research into enhanced geothermal systems, and power systems that provide an economically and environmentally viable delivery of geothermal energy.

The NHMRC provided \$2.4 million to establish the new Centre of Clinical Research Excellence (CCRE) for Oral Health, a part of the University's School of Dentistry. The CCRE Oral Health is the first centre of its kind in Australia to focus on all aspects of oral health research, and its relationship with the broader health problems that are made worse by poor oral health. A key focus will be to investigate the interaction between systemic health and oral disease.

The Centre for Energy Technology aims to become a world leader in the development of alternative energy technologies as well as cleaner, 'greener' combustion, and to make an important contribution to a global reduction in carbon dioxide emissions, through the development of innovative research and technology in partnership with industry. It brings together the wide range of expertise from across the University, and provides new capacity for engagement with industry and government agencies, all with the singular focus of supporting the transition to a clean energy future.

The Centre for Research on Gender was launched in December. It will develop research on gender with a national and transnational scope, focusing on the areas of social inclusion, citizenship and health, building upon one of our primary research strengths, in the area of Society and Social Innovation. The Centre will develop the study of gender relations, drawing particularly on feminist, sexuality and masculinity studies.



COMMONWEALTH-FUNDED RESEARCH CENTRES

- ARC Australian Stem Cell Centre (partner)
- ARC Centre of Excellence for Antimatter–Matter Studies.
- ARC Environmental Futures Network
- ARC Genes and Environment in Development
- ARC Special Research Centre for the Molecular Genetics of Development
- ARC Special Research Centre for the Subatomic Structure of Matter
- NHMRC Centre of Clinical Research Excellence for Oral Health
- NHMRC Centre of Clinical Research Excellence in Nutritional Physiology, Interventions and Outcomes

COOPERATIVE RESEARCH CENTRES

The University is also a core partner, supporting participant or associate in a number of Australia's Cooperative Research Centres (CRC), a Commonwealth Government program linking industry with government and higher education research organisations:

- CRC for Australian Weed Management (core)
- CRC for Beef Genetic Technologies (core)
- CRC for Desert Knowledge (associate)
- eWater CRC (core)
- CRC for Future Farm Industries (core)
- CRC for Greenhouse Gas Technologies (core)
- CRC for an Internationally Competitive Pork Industry (core)
- CRC for Landscape Environments and Mineral Exploration (core)
- CRC for Molecular Plant Breeding (core)
- CRC for National Plant Biosecurity (supporting)
- CRC for Seafood (supporting)
- CRC for Sustainable Aquaculture of Finfish (supporting)
- CRC for Water Quality and Treatment (core)

JOINT UNIVERSITY/OTHER RESEARCH ORGANISATION UNITS

- Adelaide Microarray Facility
- Adelaide Proteomics Centre
- Australian Centre for Plant Functional Genomics
- Centre for Treatment of Anxiety and Depression
- Centre for Defence Communications and Information Networking
- Centre for Military and Veterans' Health
- Defence Systems Innovation Centre
- Don Dunstan Foundation
- SARDI / University of Adelaide Food Safety Alliance
- South Australian Centre for Rural and Remote Health

UNIVERSITY OF ADELAIDE RESEARCH INSTITUTES AND CENTRES

- Adelaide Centre for Neuroscience Research
- Adelaide Economics Centre
- Adelaide Prostate Cancer Research Centre
- Adelaide Radar Research Centre
- Australian Centre for Ancient DNA
- Australian Centre for Evolutionary Biology and Biodiversity
- Australian Centre for Visual Technologies
- Australian Institute for Social Research
- Australian Research Centre for Health of Women and Babies
- Australian Research Centre for Population and Oral Health
- Centre for Biomedical Engineering
- Centre for Digestive Health and Nutrition
- Centre of Expertise in Photonics
- Centre for Energy Technology
- Centre for Geothermal Energy
- Centre for High Performance Integrated Technologies and Systems
- Centre for Human Movement Control
- Centre for International Economic Studies
- Centre for Labour Research
- Centre for Molecular Genetics of Development and Disease
- Centre for Orofacial Research and Learning
- Centre for Quantification and Management of Risk
- Centre for Research on Gender
- Centre for Soil Plant Interactions
- Centre for Stem Cell Research
- Centre for Tectonics Resource and Exploration
- Children's Research Centre
- Environment Institute
- Ethics Centre of South Australia
- FoodPlus Research Centre
- Freemason's Foundation Centre for Men's Health
- Institute for Geometry and its Applications
- Institute for Mineral and Energy Resources
- Institute for Photonics and Advanced Sensing
- International Centre for Financial Studies
- Mosaic Fertilizer Technology Research Centre
- Radar Research Centre
- Research Centre for Early Origins of Health and Disease
- Research Centre for Reproductive Health
- Robinson Institute
- Simpson Centre for Military and Post-deployment Health
- South Australian Centre for Economic Studies
- Waite Research Institute
- Water Research Centre



INTERNATIONALISATION



Highlights of the University's international activities in 2009 were:

- Continued growth in international student numbers in line with the targets indicated in the University's Strategic Plan, with major increases in numbers of postgraduate research students and in enrolments from Indonesia.
- An increase of 27% in the number of undergraduate students studying overseas for one or two semesters on a student exchange.
- The University's arrival and support services rated by its international students as among the best in the world.
- Awards for international research collaboration, student services, alumni achievements, the inaugural *Prime Minister's Australia Asia Endeavour Awards*, and an improvement in world ranking from 2008 to 2009.
- New agreements signed for the sponsorship of overseas research students, for research collaboration with the Chinese Academy of Sciences, for internships with French companies, and with Kaplan Inc. in the USA.
- Approval of the University's proposal to host the 2012 Academic Consortium 21 International Forum in Adelaide.



INTERNATIONAL STUDENT NUMBERS

The University achieved substantial growth in its international student enrolments, notwithstanding the Global Financial Crisis and significant increases in its tuition fees. The overall international student load increased by 6.2%, from 4682 EFTSLs in 2008 to 4973 EFTSLs at the end of 2009. International students comprised 28.4% of the University's total student load, and 27.2% of the onshore student load (in Adelaide). Particularly pleasing was the strong growth (36%) in new Higher Degree by Research students. Many of these students were on scholarships funded through joint sponsorship agreements between the University and governments of major countries in the Asia Pacific region. The South Australian Government's decision to waive public school fees for the children of international research students on scholarships funded by their home country was also an important factor for sponsored HDR students from countries such as Indonesia and Malaysia.

The total number of international students (persons rather than student load) reached 6290 in 2009, a 7.4% increase on the previous year; 525 of these students were enrolled offshore in Singapore. The top source countries were (in order) China, Malaysia, Singapore, Hong Kong, India, Indonesia and Vietnam, with students also drawn from 85 other countries. The academic programs with the highest international student enrolments were those in Commerce and Engineering. There were almost equal numbers of male and female international students (49% female).

The University took several initiatives in 2009 to diversify the sources of its international students, both for risk management purposes (given that one market — China — currently accounts for 46% of its overseas students) and as a means of obtaining a broader cultural mix on campus. Specifically, the University's Internationalisation Strategy Committee identified six priority markets for diversifying the international student profile: Indonesia, Vietnam, South Korea, Thailand, the Middle East and the USA. In addition, active steps were taken to build our profile in Latin America.

In-country representatives were appointed in Indonesia, Chile and Singapore, complementing those already in place in China and India. A two-day Agents-in-Australia workshop was held for our agents and their staff who are based in the Australian offices of our international agent partners. The International Office also brought to Adelaide 16 of the University's agents from 12 overseas countries during Agents Week.

International students on Australian Development Scholarships funded by AusAID remained strong, with the largest numbers coming from Indonesia and Vietnam. The realisation of the Australia Iraq Agricultural Scholarship program resulted in a significant cohort of 59 AusAID scholars commencing lengthy English-language preparation programs in early 2009. Awardees are expected to

progress to either the Master of Agriculture or Water Resources Management. The International Student Centre has coordinated specialised pastoral care arrangements, including a semester-long mentoring program, for these students.

The University had 437 students sponsored by overseas bodies in 2009. The major sponsors were from Malaysia (274 students), Saudi Arabia (55) and Vietnam (23). The sponsored students were 54% undergraduate, 17% postgraduate coursework, and 29% research postgraduates. Some highlights of the year were the arrival of 23 students sponsored by the Province of Aceh (Indonesia), and 21 PhD students sponsored by the China Scholarship Council.

Significant numbers of international students continued to be admitted to the University from public and private secondary schools in South Australia, and from foundation programs such as those administered by Bradford College and Eynesbury College. Bradford College is owned by Kaplan Inc., with which the University is developing a major strategic relationship.

The University's Professional and Continuing Education Centre (PCE) saw a growing demand for its range of English-language programs, cultural programs and English teacher-training services (TESOL) for international students and visiting groups. In 2009, it conducted short-term study tour programs for 25 groups made up of over 520 students from Indonesia, Japan, Thailand, the United States and Korea. It also had over 700 students undertaking its Pre-enrolment English Program (PEP), which provides a direct entry pathway to undergraduate and postgraduate programs at the University of Adelaide, while over 220 students were enrolled in the General English for Academic Purposes (GEAP) program (a 121% increase from 2008). The Centre also experienced significant growth in tailored English Language and TESOL Methodology programs for groups of teachers from countries such as Korea, China and Thailand. In July 2009, PCE also became a Testing Centre for Teaching of English as a Foreign Language (TOEFL) and is now running regular tests for international students from a wide range of institutions in Adelaide.

The University reviewed its English-language entry requirements and support services. It was decided to raise the minimum International English Language Test Score (IELTS) score for all HDR students from 6.0 to 6.5, with higher entry scores in language-rich disciplines, while retaining the existing entry requirements for coursework students; to establish an academic board to oversee the work of the University's English Language Centre; to evaluate the usefulness of generic and discipline-specific tools for assessing the language needs of students; and to develop further language support courses which students can credit towards their degree.



INTERNATIONAL STUDENT EXPERIENCE

The University provided strategic initiative funding for a project to facilitate the interaction of our international students with domestic students and the wider community. Using this funding, an Integration Project team was established within the International Student Centre. One of the new programs launched last year by this team was the Language and Cultural Exchange (LCE) program in which a domestic student (or staff member) seeking to learn a foreign language was matched with an international student coming from the particular linguistic background. In 2009, 316 applicants were matched successfully through this program, with the largest number of applicants being Mandarin speakers. Several social activities were organised by the Integration Project team for LCE participants to encourage further social interaction. Each social activity was limited to 40 participants and the feedback on those events was highly positive, with almost all events at capacity.

In addition to the LCE, the Integration Project team actively sought collaboration opportunities with internal and external agencies. Collaborations on campus focused on bringing together domestic and international students through shared interests or experience. With support from the Adelaide University Union, the University of Adelaide Sports Association and the Adelaide Abroad Office, a diverse range of highly successful events took place in 2009, including sporting events (e.g., Sports on the Green), cultural performances (e.g., Multicultural Week), social networking (e.g., Pizza Evening with all exchange students), and educational workshops

(e.g., Indigenous Art, cross-cultural communication skills). The Faculties, the Confucius Institute, the University Careers Service, Radio Adelaide and the Development & Alumni Office also devised action plans to raise awareness among students concerning the importance of intercultural learning in a global economy. The Integration Project team also approached members of the local business community (e.g., Business SA, the Australia–China Business Council (SA Branch), ethnic, service and sporting organisations (e.g., the Australia–China Friendship Society, Australian Red Cross, South Australian National Football League), and local government bodies (e.g. Adelaide City Council, Environment Protection Authority South Australia) to develop social/networking events or work experience programs that promote two-way exchanges and learning between the general community and international students in Adelaide.

Two of the University's programs were included in a 2009 national report on good practice published by Australian Education International (*Examples of good practice in assisting international students to integrate with Australian students and the wider community*). The two programs selected for inclusion in this report were the University's Peer Mentor Support Program and the Volunteer Scheme for Conversational English; the University was one of only three Australian tertiary institutions to have more than one of its programs recognised in the report. The Careers Service and Radio Adelaide also won national awards for the excellence of their programs in 2009. Further, the University was an active contributor to the work of the Taskforce for Enhancing the Overseas Student Experience established by the Minister for Employment, Training and Further Education, the Hon. Michael O'Brien, and to the Social Integration Reference Group chaired by the Lieutenant Governor and Chairman of the SA Multicultural and Ethnic Affairs Commission, Mr Hieu Van Le AO.

The University again surveyed its international students on their satisfaction with their experiences in Adelaide using the International Student Barometer (ISB). Nearly 2000 international students responded to this survey and the results were benchmarked against other Australian and overseas universities. In general, the students expressed a level of satisfaction with the services provided to them in Adelaide that was above the national and international averages. It was clear that they would like to make more friends in the local community, however, and that they would also like more opportunities for work experience in Adelaide.

As mentioned earlier, the Careers Service won the *National Best Practice Award* for a program specifically created to increase the integration of international and domestic students. The Careers on the Move project required students to participate in a range of workplace and team-based challenges designed around the Employability Skills Framework and the Amazing Race concept. To apply for the project, students were required to submit a résumé and cover letter, and to answer selection



STUDY ABROAD AND STUDENT EXCHANGES

criteria; international students were very proactive in gaining places. These students then gained entry into highly restricted workplaces in Adelaide for networking, mentoring opportunities and first hand observations in South Australian businesses.

In May 2009, the Careers Service hosted National Career Development Week on campus; this also won a national award. Ten career development workshops were organised throughout the week in conjunction with industry and attracted large numbers of international students. These workshops covered topics such as assessment centres, job application processes and understanding the Australian workplace.

The International Careers evening was well attended and featured international students who had gained employment as well as guest speakers from DIAC, Australian Internships and IAESTE for international work-experience opportunities. International students are major users of the weekly careers workshops (80% of attendees), and comprise 50% of the student ambassadors who work in the Careers Service assisting with events.

The safety of international students received wide publicity nationally and in India during the year. The available evidence indicates that Indian students in Adelaide do not face the same issues as do their compatriots in Melbourne in this regard. The University has several safety programs in place to assist students (including a free after-hours shuttle service to locations within 2.5 kilometres of the University, and providing safety information during student orientation); and the 2009 International Student Barometer survey shows that 89.6% of international students at this University are satisfied with Adelaide as a safe place to live, which is a slightly higher percentage than for Australian universities overall and for universities overseas.

In 2009, 226 University of Adelaide undergraduate students studied overseas for one or two semesters as part of their degree, on a student exchange. This was an increase of 27% on the previous year. Students enrolled at 68 partner tertiary institutions in 21 countries; 91 students took advantage of OS-HELP loans offered by the Australian Government, while 35 received externally funded student exchange scholarships from the Cheung Kong, Endeavour Exchange and University Mobility in the Asia Pacific (UMAP) schemes. These scholarships were for study in Canada, Japan, Korea, USA, China, Hong Kong, Singapore, Thailand and Malaysia. Each scholarship winner received \$5,000 to subsidise their costs. Two of the Faculties introduced a financial incentive scheme to encourage their students to go abroad on a student exchange. In addition, the University received Endeavour Exchange and Cheung Kong funding for 20 students from five different countries to come to study in Adelaide.

A feature of the year was increased interest by students in short-term overseas student experiences, which are not included in the above figures. Sixteen students went to China for a 2-week course at one of the top nine universities in China, Harbin Institute of Technology, while 17 students went to Korea for a 4-week internship teaching English language at Dankook University. Other students undertook internships, research projects and clinical placements overseas.

Another feature was the introduction of the prestigious Prime Minister's Australia Asia Endeavour Awards. University of Adelaide students won 10% of these awards, making the University the third most successful in the country in this competition. Our winners are going to China, Hong Kong and Japan in 2010.

During the year, the University signed new student exchange agreements with quality universities in Austria, Canada, Chile, Germany, the UK and the USA. The University also held a Student Exchange Fair on campus to encourage students to consider overseas study and to discuss this possibility with representatives from our exchange partner institutions. Further, the University introduced a revamped, online survey of returning exchange students to evaluate the quality of their experiences overseas.

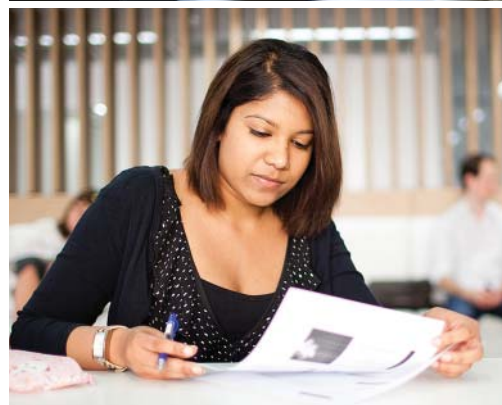


INTERNATIONAL RESEARCH COLLABORATIONS

The University's academic staff have extensive links with research colleagues in other institutions around the world, which have resulted in large numbers of joint research grants and co-publications. All faculties are represented in these international research collaborations, which contributed to the University's global reputation and improved ranking on both the QS-THE and SJTU systems in 2009. Germany is one of the top three countries (after the US and UK) for such collaborations. During the year, at the University's invitation the German Academic Exchange Service (DAAD) presented a seminar on research funding opportunities in Germany for academic staff and PhD students, and four new research projects were funded through the Go8/DAAD Joint Research Cooperation Scheme.

Examples of significant international collaborations during the year include: a grant of US\$900,000 from the French Human Frontiers Scientific Program Organisation for research with the Netherlands and USA partners on the quantitative analysis of DNA; \$500,000 from the Australia-India Strategic Research Fund for research on the thermal evolution of peninsular India, with India's National Geophysical Research Institute, the Indian Institute of Technology Kharagpur, and the Indian Statistical Institute; \$337,561 for research on markets for high-value commodities in Indonesia, in collaboration with Indonesian and Australian researchers; \$198,581 for an international Science Linkage-China grant for research on finding new medicines for important infectious diseases in collaboration with the Chinese Academy of Sciences; US\$149,600 from the Bill and Melinda Gates Foundation for research with Cornell University on a vaccine for newborns; and \$180,000 in funding for research collaboration with partners in Puglia, Italy, funded by the South Australian and Apulian governments.

During the year Dr Victor Squires, a former University of Adelaide staff member, was awarded a *Science and Technology Cooperation Friendship Award* from the Chinese Government. There have been only 50 recipients of this award during its 18-year life. The award is for his significant contribution to the advancement of China's dryland research and technological development through conducting joint research programs, organising international symposia, hosting seminars, and serving as adjunct professor.



SINGAPORE VENTURE

The new Academic Director for the University's operations in Singapore, Professor Iain Reid, took up his position in January 2009. An Operational Group with delegated authority from the Ngee Ann-Adelaide Education Centre (NAAEC) Board was established. A feasibility study to review the operation in Singapore was completed in 2009, and its recommendations accepted by the NAAEC Board. The major recommendations were the continued growth in the number of programs to be offered in Singapore, up to an initial target of 900 enrolled students, and a review of the Operational model. These growth targets appear to be realistic, given the introduction of new undergraduate programs in Nursing and in Innovation and Entrepreneurship, new programs planned for introduction in 2010 in undergraduate and postgraduate commerce and education, and a Research Masters Program in Clinical Science.

Engagement with the polytechnics in Singapore was another major activity during 2009, and will continue throughout 2010. The establishment of the Singapore Institute of Technology in 2009 offers the potential for attracting further students via an articulation arrangement with the polytechnic system in certain specified fields of study. Changes in the Regulatory Framework for Private Education Providers in Singapore have required the re-registration of the programs offered by the NAAEC by mid-February 2010, and the establishment of Academic and Examination Boards.

INTERNATIONAL ALUMNI

The achievements of the University's overseas alumni continue to win widespread recognition. To cite just two examples: Dr Ines Atmosukarto won the 2009 Australian Alumni Award for Research and Innovation in Indonesia, while the past President of the University's West Malaysia Alumni Chapter, Dato' Seri Dr Salleh Mohd Nor, was a recipient of one of the Malaysian Government's four inaugural Merdeka Awards for Excellence, in recognition of his work on the Forest Complex Conservation Initiative in Perak.

In April 2009, the University held a special Colombo Plan Scholars Reunion in Kuala Lumpur. This brought together many old Scholars from Malaysia and Singapore for a celebration of the years they spent at the University of Adelaide from the 1950s through to the 1980s, when the program came to an end. The successor to the Colombo Plan is the AusAID Program, and the University continues to attract many AusAID-funded scholars from developing countries around the world.

The University's seven international alumni networks located in East and West Malaysia, Singapore, Hong Kong, the United Kingdom, USA and Thailand, held a variety of professional and social alumni events during the year. West Malaysia, for example, ran two new lecture series concurrently, the Blueprint for Success and the Insiders Workshops, which were highly successful and will continue through 2010. The University's international alumni database continues to grow, the *Adelaide onLion* website is attracting increasing numbers of hits from overseas alumni in particular, and an International Relations Alumni Plan is now being implemented, not only with our existing international networks but also for the development of new networks in countries like China.



INTERNATIONAL PARTNERSHIPS

During the year, the University signed 56 international agreements with a total of 44 overseas institutions; 20 of these were renewals of existing agreements. The countries most strongly represented among the new agreements were China, the USA, France and the UK. The University also chose to terminate or not renew a number of international agreements that were inactive or no longer deemed to be strategically important. Further, it decided to amend all prior agreements without an expiry date so that they can be properly reviewed prior to renewal.

Among the international agreements signed by the University during 2009 were: an agreement with the Provincial Government of Aceh (Indonesia) to provide postgraduate studies for sponsored academic staff of Acehenese universities; Memoranda of Understanding with two of the Institutes (Microbiology and Psychology) of the Chinese Academy of Sciences; an Agreement with International Medical University (Malaysia) to take five IMU students each year into the third year of our dentistry program; an Agreement with the French Embassy to participate in the French Company Internship Program, which organises 6–12 month internships for business and engineering students with major French companies operating in Australia; a Collaborative Agreement with the Foundation for the Future of Colombia (COLFUTURO) to take sponsored Colombian postgraduate students; and a Memorandum of Understanding with Kaplan, Inc. (USA) to collaborate in the establishment of an Australian branch of Kaplan University, with its principal campus in Adelaide, serving domestic and international students.

During 2009, the Vice-Chancellor and other senior managers within the University led many overseas missions, designed to develop and strengthen links with overseas partner institutions and governments in all of our major markets around the world. In turn, the University hosted 29 visits by delegations from 11 countries. The countries most strongly represented among visiting delegations were China and Indonesia. There was an increase in visitors from partner institutions to explore collaborative opportunities, especially in the sciences.

The University was an active participant in the activities of the Academic Consortium 21 (AC21), which comprises leading research-intensive universities around the world. The University sent three students to the AC21 Student World Forum, held in Germany. The AC21 Steering Committee also agreed to a proposal from the University that its 2012 International Forum be held in Adelaide. This is a major biennial event drawing together representatives of the member universities; the 2010 International Forum will take place in Shanghai.

COMMUNITY ENGAGEMENT



ART AND HERITAGE

In 2009, the University's Art & Heritage Collections (A&H) successfully carried out its brief across three distinct areas of its operations: its cultural program, collection management and volunteer program, all combining to broaden and strengthen the University's outreach into the community.

A&H participated in History Week, South Australian Living Artists Festival and celebrated NAIDOC week with the *Endangered Languages, Disappearing Diversity* symposium, wherein speakers from remote communities shared their experiences with an audience of around 100. A&H collaborated with six outside art and cultural organisations, including the Royal Institution of Australia and the Art Gallery of South Australia, and partnered with ten University academic areas, including the Elder Conservatorium of Music. Such collaborations produced 40 events attended by over 4000 people.

A&H actively supports outside organisations and in 2009 the Ridley Candelabrum — a treasure of the University's Visual Art Collection — was loaned to the Botanic Gardens for the inaugural exhibition in the remodelled Museum of Economic Botany. Material concerning University Nobel laureates Sir William and Lawrence Bragg was loaned to the Royal Institution of Australia for its opening exhibition and the University hosted a University tour, including the site of Sir William Bragg's X-ray experiments, for members of the Bragg family.

A comprehensive audit by A&H of the University's varied and diverse collections has resulted in 36 distinct collections being identified. Current work in this area involves clarification of content in each collection and planning detailed audits. The A&H Collections database consists of 3289 fully described artefacts across 18 collections, with 439 accessioned artefacts awaiting entry. This does not include separately catalogued collections such as the Museum of Classical Archaeology, nor the rock and minerals collection of the Tate Museum, which alone holds more than 25,000 specimens.

The work of A&H is greatly enhanced by the contribution of the 19 members of the A&H volunteer group, who work effectively in all areas of A&H programs.



DEVELOPMENT AND ALUMNI

In 2009, there was a significant increase in Development and Alumni's engagement and communication with local and international alumni. We are continuing to work on new ways to engage, support and recognise our alumni and University community.

Alumni Relations

Several key objectives of the Alumni Relations Strategic Plan were further implemented in 2009, including the expansion of the Student and Industry Program and the Alumni Privileges Package. The alumni online program, *Adelaide onLION*, continued to grow steadily and in late 2009, all currently enrolled students were invited to join this program.

Alumni Forum

Held over two days in early September, the University's inaugural Alumni Forum attracted alumni leaders from as far away as Thailand, Singapore, Malaysia and the United Kingdom. Among the 100 alumni who attended were University staff, representatives from alumni networks and current students. Opened by the Vice-Chancellor and President, Professor James McWha, the Forum provided a unique opportunity to hear first hand from senior managers about the strategic direction of the University and the role of alumni within this vision. Other Forum topics included: online communities, event management, best practice and how to engage students in alumni programming. Distinguished alumnus, Dr Cheong Choong Kong, Chairman of OCBC Singapore, shared his knowledge and experience, as former CEO of Singapore Airlines, with staff and students from the Business School. The Alumni Gala Dinner, held in conjunction with the Forum, was attended by over 170 alumni. Dr Cheong was the guest speaker and Dr Rex Lipman AC was presented with his Distinguished Alumni Award by the Chancellor. The Alumni Forums are to be held biennially.

Alumni Awards

The Honours Alumni University Medal for 2009 was presented to George Forrest Young (B Ma Sc (Hons) 2008, B Ma & Comp Sc 2007, BE (Mechatronic) 2007) and the Postgraduate Alumni University Medal was presented to Dr Nam Q Nguyen (PhD (Med) 2008, MBBS (Hons) 1998).

The recipients of the 2009 Distinguished Alumni Award were:

Barbara Rosemary Hardy AO (BSc 1947): in recognition of her lifelong commitment and significant contribution to the advancement of science education, science awareness and environmental conservation.

Rex John Lipman AO (BDS 1951): in recognition of his significant contribution and leadership over many years in the areas of Dentistry, Business, Diplomacy and Education, and his lifelong commitment to the Adelaide University Regiment.

John Laurence Menadue AO (BEC (Hons) 1957, BEc 1956): in recognition of his significant and lifelong contribution to Australian society as a public servant, diplomat, critical thinker, board director, advisor and public commentator.

Alumni Communications

With over 12,000 members, the University of Adelaide's online community, *Adelaide onLION* enables alumni from around the globe to connect with their alma mater and each other. With access to a Careers Centre, the ability to add professional profiles, and subscribe to the latest University and Alumni news and events, *Adelaide onLION* is now an integral part of the University's alumni program.

Over 14,251 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.

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 achievement of alumni with over 60,000 in-print readers and 67,500 online readers around the world.

The University's e-newsletter, *The Roar*, continues to grow with over 12,000 subscribers receiving the latest University and alumni news directly to their inbox each month.

Alumni Events

The Student and Industry Program continued to be a great success with events held in: Psychology, Viticulture, Oenology, Wine Business and Wine Marketing, Chemistry, Pharmaceutical Engineering, Health Sciences, Media Studies, Agriculture, Animal Sciences and Natural Resources, Accounting and Economics.

The Golden Jubilee for graduates of 1959 was held on 16 October. The reunion included a commemoration ceremony in Bonython Hall followed by a reunion luncheon. Over 100 graduates, from as far away as the United States and Kenya, as well as across Australia, made the special effort to attend. Emeritus Professor Deane Terrell AO, who graduated with an Honours degree in Economics and was also the University's Rhodes Scholar in 1959, gave the Golden Jubilee address.

Over 100 alumni events were held both within Australia and overseas during 2009. Overseas events included: a reunion luncheon in Kuala Lumpur at the home of prominent architect and alumnus Hijias Kasturi; reunion dinners in Hong Kong, Singapore and Kuching; prominent speaker seminars in Bangkok and London; and an inaugural reception hosted by the Vice-Chancellor in Wellington, New Zealand. Australian-based events included an alumni reunion lunch and reception for Federal Parliamentary Alumni in Canberra, and numerous Adelaide-based events organised by local alumni networks. The John Bray Alumni held another successful John Bray Oration with prominent international speaker Justice Richard Goldstone, and the MBA Alumni held their premier event, "Journey to the top", in November, attracting leading Adelaide business identities. The Friends of the University of Adelaide Library network continued an impressive line-up of speakers in 2009 through their Author and Scholar Events.



DEVELOPMENT

Adelaide Benefactors Circle

The Adelaide Benefactors Circle is the University of Adelaide's University-wide donor recognition program. On 22 September the Vice-Chancellor hosted a dinner at the National Wine Centre for 50 major benefactors from the Founder (\$50,000 to \$99,999) and Custodian (over \$100,000) benefaction levels. The dinner was very successful and will become an annual event.

End of Year Event

In a colourful African-themed function held on 18 November in Bonython Hall, the annual University Thank You event hosted over 500 guests. A wide range of supporters from volunteers to suppliers and significant benefactors were on hand to receive appreciation for their valued support to the University.

Annual Appeals

The two Annual Appeals conducted by the University were again fortunate to attract wide-ranging support from Alumni, Friends and the general public.

The Barr Smith Library Appeal again raised over \$90,000, which helps to purchase books and electronic resources to maintain the University's main library as a state-of-the-art resource for students and staff. In particular, the Friends of the Library continue to be strong supporters of this Appeal.

The Vice-Chancellor's Scholarship Fund also conducts an Annual Appeal so that exceptional students can have the opportunity to study at the University of Adelaide. In 2009, a further two scholarships of \$5,000 were awarded to commencing students, taking to eight the number of students receiving Vice-Chancellor's Scholarships. In 2009, the appeal raised over \$70,000, which will see the total number of scholarship recipients rise to 10 in 2010.

International Giving

The international alumni community plays an increasingly significant role as benefactors to the University of Adelaide — the establishment of the Singapore Adelaide Alumni Fund is a good example. This special fund has been set up to assist Singaporean students in short-term financial difficulty so that they can complete their studies. The Fund, supported by Singapore Alumni and Ngee Ann Kongsi, was able to assist one student in 2009.

The University of Adelaide is now affiliated with the British Schools and Universities Foundation (BSUF), which means that Alumni based in the US and Canada can now make fully tax deductible donations to the University of Adelaide through this Foundation.

Scholarships

In 2009, Development and Alumni negotiated over 60 new scholarships, which will provide at least \$800,000 in support over the next three years. In the areas of Engineering, Medicine, Arts, Science, Agriculture, Music, Indigenous students and Commerce, the scholarships provide valuable support for students and sometimes are the only opportunity for them to achieve a tertiary education. This means that in 2010 over 150 scholarships processed by Development and Alumni will be offered.

A particularly valuable contribution has been received from SA Water, which now supports 24 scholarships.

The inaugural Scholarship Recognition Ceremony was held in April in Bonython Hall and attracted 400 guests. The Scholarship Recognition Ceremony, hosted by the Vice-Chancellor and President, provided an opportunity for scholarship donors to present their scholarship to their recipient and to be officially thanked by the University.

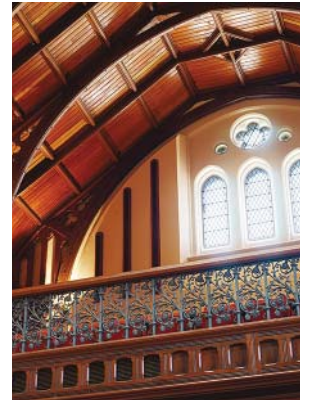
Bequest Program

The Hughes Bequest Society was launched more than a year ago, and the Vice-Chancellor hosted a luncheon in 2009 for 54 staff and guests to thank those in the community who have remembered the University in their Wills. At present, we have 104 Bequestors, with 20 new Bequests confirmed in 2009.

As part of the program, several Friends & Benefactors Events were held in 2009:

- School of Veterinary Science Presentation
- Ancient DNA, School of Earth and Environmental Sciences
- School of Molecular and Biomedical Science
- Australian School of Petroleum
- Hartley Music Event presented by students from the Elder Conservatorium
- Health and Wealth Seminar Presentation.

The University's bi-annual planned giving newsletter *Impact* has a readership of over 2600 alumni and Friends to the University, highlighting events and profiling alumni whose generosity has made an impact on the University.



ELDER HALL

Elder Hall is one of Adelaide's most popular and busy venues and continued to attract large audiences and participants to a variety of events throughout 2009. Its location on North Terrace places it firmly in Adelaide's 'cultural boulevard' and this, along with its heritage status and fine acoustics, makes it sought after by community groups and schools and by an increasing number of national and international conferences, seminars and public lectures.

It is also venue to *Lunchtimes at ELDERHALL*, one of Adelaide's most popular concert series. This Friday lunch hour series again proved to be very successful in 2009. There were 32 concerts over two semesters, and modest increases in ticket and subscription prices did not have any adverse effect. Gold Pass subscriptions increased by 15% and ticket sales remained constant with over 15,000 tickets sold. Average attendance was 450 but many concerts were sold out. The Elder Conservatorium's commitment to high standards of performance and the consistent quality of local and international artists performing has ensured the continued success and reputation of this series. Community engagement and sense of ownership are high, with strong anecdotal evidence of audience members who look forward all week to attending.

Highlights from the series included Austrian guest artist Jean-Eric Soucy (viola) joined by well-known violinist Niki Vasilakis and staff members Janis Laurs and Lucinda Collins in a thrilling performance of a Mozart Piano Quartet. A special program of *Carnival of the Animals* and *Young Person's Guide to the Orchestra* was developed for the COME OUT Youth

Arts Festival in May. The Elder Conservatorium Symphony Orchestra presented two special schools performances to over 20 schools with 1200 students attending. This was repeated at the lunchtime concert on 29 May, with many being turned away at the sold out performance.

Elder Hall is also venue to the *Evenings at ELDERHALL* concert series. This series is a showcase for Elder Conservatorium students and student ensembles and provides a very important opportunity for the students to perform in public. The concerts attract a wide range of audiences, including music lovers of all genres, school groups, academic and professional staff from the University of Adelaide, and invited VIP guests. A special family-price ticket was offered in 2009 in an effort to attract more family groups. The series is supported by ETSA Utilities and new sponsors include Barossa Valley Estate wines (BVE) and the Greek Orthodox Community of SA as principal sponsor for three years.

The six concerts featured all the Elder Conservatorium's student ensembles. Highlights included New York Jazz trumpeter Ray Vega performing Gershwin's *Porgy and Bess* with the Jazz Orchestra. The final concert of the year proved to be a very special event, with guest conductor Arvo Volmer (Chief Conductor of the Adelaide Symphony Orchestra) premiering Carl Crossin's new work *Requiem* and Tchaikovsky's *Pathétique Symphony* to great acclaim. It was also a high point for the young musicians of the Elder Conservatorium Symphony Orchestra to work with a conductor of such calibre.



OFFICE FOR COMMUNITY ENGAGEMENT

The Office for Community Engagement works closely with all spheres of government, industry and local communities to ensure that the University's achievements 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 and government decision makers. This included considerable activity to have the pandas Wang Wang and Funi located at Adelaide Zoo, which brought significant credit to the University in its role with the Zoo, the State and Federal governments.

The Office has maintained its efforts to develop and enhance relationships with the State and Federal governments, their agencies and other key stakeholders through targeted networking activities. These include offering sponsored invitations to those with a particular subject interest to the Committee for Economic Development (CEDA) high profile speaker lunches, invitations to Research Tuesdays, graduation ceremonies, special events and personally escorted tours to promote University activities and achievements.

In the early part of the year, the State Government agreed to waive the fees previously charged to the children of international postgraduate students who attend public schools in South Australia. This followed a strong effort by the University, with key involvement from the Office and support of others in the tertiary education system to bring about this change. The cost savings to the postgraduate students concerned are significant, and serve as a valuable marketing tool.

A significant focus of the Office's government relations activity was the negotiations for the University of Adelaide to partner with American

education provider Kaplan to establish a new university in South Australia.

The Office has continued to increase the University's presence in Adelaide's northern suburbs through regular attendance at City of Playford Partnership Networking Breakfasts, Playford Alumni (of which His Excellency the Governor of South Australia is Patron), interaction with public and private secondary schools and the Northern Advanced Manufacturing Industry Group (*Concept2Creation* program).

The 13th Western Region Enterprise Day (WRED), coordinated by the Office was held in September at the University's North Terrace Campus. This year WRED went 'green' with activities focused on sustainable business and the environment. WRED was 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 was attended by students, teachers, principals, parents, volunteers, and a number of community leaders, including Federal Member of Parliament for the western suburbs Mr Steve Georganas, who officially opened proceedings. The day was a success, with 100 primary and 80 secondary students from 15 schools within the council areas of Port Adelaide Enfield, Charles Sturt and West Torrens attending. Some 46 volunteers (facilitators, presenters and others) and 17 teachers supported the activities of the day.

Throughout the year, Mr Evans provided faculty adviser support to the University's SIFE (Students In Free Enterprise) members. SIFE's mission is to provide tertiary students with an opportunity to make a difference in their communities and to develop leadership, teamwork and communication skills through learning, practising and teaching tenets of their academic discipline to enable others to participate more fully and effectively in the economic and social life of the country in which they live.





OPEN DAY

Open Day is the biggest event in the University calendar. It provides an excellent opportunity for all members of the community to visit the North Terrace campus and get to know what the University is all about, as well as offering a window on the many opportunities for study at the University. The event offers something for everyone, with a broad program of talks and a variety of entertainment.

In 2009, record numbers visited the campus and attended the information talks. Open Day has seen a consistent rise in numbers, and 2009 was no exception, with approximately 13,000 visitors, up from 12,000 in 2008.

PROFESSIONAL AND CONTINUING EDUCATION (PCE)

Professional and Continuing Education (PCE) plays an important role in linking the University with the local, national and international community. In 2009, over 5690 students studied with PCE, which offers its programs through three business streams: Community Programs, Professional Education and the English Language Centre (ELC).

PCE's Professional Development Programs enrolled over 1000 people in public courses throughout 2009, and delivered over 84 tailored training solutions to another 1100 participants. Tailored training was developed and delivered for local, national and international corporate clients in both the public and private sector.

In 2009, over 700 students studied in PCE's Year 12 Holiday Revision Program. The program runs during school holidays throughout the year, supporting University recruitment efforts by raising awareness of the University throughout secondary schools. PCE's Community Language Program continued to thrive, attracting 850 learners across a selection of nine languages in over 60 classes. The most popular languages in 2009 were Spanish, Chinese and French.

PCE welcomed 25 International Study Tour groups in 2009. Over 520 students from Japan, Thailand, the United States and Korea, came to the University for between two and twenty weeks and studied programs developed to meet specific educational needs in subject areas including English, TESOL Methodology, Economics and Policy Studies.



The Pre-Enrolment English Program (PEP) attracted over 700 students during 2009. This program provides a direct entry pathway to undergraduate and postgraduate programs at the University of Adelaide.

General English for Academic Purposes (GEAP) attracted over 200 students from 20 different countries. Of these students, 85% went on to study undergraduate or postgraduate programs at the University of Adelaide.

PCE also 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. PCE placed over 600 students with Adelaide families throughout 2009.

RESEARCH TUESDAYS

The University of Adelaide launched Research Tuesdays in April 2007 to put industry, business and the broader community in touch with the latest work from our researchers.

During 2009, Research Tuesdays registered new record numbers with a total of 2,500 attendees throughout the year — a 15% increase on 2008. Email subscribers receiving monthly updates increased from 39 in February 2009 to 1,200 in December 2009. To date, 529 of those subscribers have also joined the *onLion* Alumni Community and have the benefit of registering for the seminars online.



RADIO ADELAIDE

Radio Adelaide has the largest volunteer body in the University with over 500 volunteers involved in nearly every facet of the station's operations. Volunteers are aged between 15 and 87, and represent very diverse cultural backgrounds and interests, but are brought together by their passion for radio and community-generated media.

As a community station with an educational licence, Radio Adelaide serves as a community hub and connector for people and ideas that would not normally gain access or have a voice in mainstream media. Communities join the station and interact with each other around a wide range of interests.

While ethnic programs such as Radio Serbia and Montenegro celebrate 30 years on air, Radio Adelaide welcomed two new communities into the station. The Voice of Shangri La, in Nepali, services the growing Bhutanese and Nepali communities and is supported by the Nepali Cultural Association of SA. Call of the Beloved is a Baha'i program in Farsi for the Persian community. Other languages regularly spoken at the station include Swahili, Arabic, Dari, Polish, Spanish, Serbian, Japanese and Dinka.

Radio Adelaide also reaches out to the community through a wide variety of projects and partnerships.

As a media partner with the 2009 Adelaide Festival of Ideas and in partnership with the Barr Smith Library and the libraries of Flinders University and the University of South Australia, Radio Adelaide recorded all 60 Festival of Ideas talks over the three days. Partnerships like these are valuable ways to express and promote the station's commitment to lifelong learning.

Radio Adelaide plays a pivotal role in the Annual State Volunteers Congress, supported by the Office for Volunteers. In 2009, Radio Adelaide presented a panel session and compèred the event for 350 volunteers and managers in community and government organisations.

A live broadcast from Chinatown's Lunar New Year Street Party in February helped the station and listeners develop new relationships with Adelaide's Asian communities and gain a greater cultural understanding of the traditions and practices of this very important occasion in the Asian calendar. The broadcast was developed in partnership with a network of Adelaide's Asian community organisations.

As a Registered Training Organisation, Radio Adelaide's trainers provide *Screen and Media* training and assessment to teachers, community radio stations and Indigenous broadcasters. We have a strong relationship with the Central Australian Aboriginal Media Association (CAAMA) in Alice Springs and our training manager worked with all their staff to obtain nationally accredited media qualifications. Three CAAMA broadcasters developed their skills through working on the *Womadelaide* live broadcast team, and another gained an internship at Radio Adelaide working in current affairs with the support of the current affairs producers. This also helped producers of *The Wire*, a daily national news and current affairs program, develop greater contacts with Central Desert Aboriginal communities. *The Wire* is broadcast through the CAAMA media network, as well as by community radio stations nationally.

NAIDOC Week is celebrated across the station linking Aboriginal and non-Aboriginal people. Live broadcasts from the Awards Ceremony and Lord Mayor's Morning Tea in the Adelaide Town Hall and Family Fun Day in Elder Park helped celebrate the achievements of Aboriginal and Torres Strait Islander people and provided positive media representations.

Radio Adelaide Awards won in 2009

- *CBA Award* — Excellence in Ethnic and Multicultural Broadcasting, Neo Voices initiative
- *CBA Award* — Excellence in Training, Radio Adelaide's Training Partnership with AUSMUSIC SA
- *Ethnic Youth Broadcaster of the Year* — Ekaterina Loy
- *South Australian Women's Honour Roll* — Deborah Welch
- *SACBA Bilby Award* — Best Outside Broadcast Award, Chinatown Lunar New Year Street Party
- *SACBA Bilby Award* — Best Message Award for program promo, Represent program
- *SACBA Bilby Award* — Best Interview Award, Interview with Malalai Joya, producer Catherine Zengerer.



VOLUNTEER PROGRAM

Under the patronage of Mrs Lindsay McWha, the University of Adelaide Volunteer Program continued to expand in 2009, with the program providing an integral link between the University and the wider community and adding to the richness of university life by involving a diverse range of people in a variety of activities.

A Volunteer Recognition event is held annually to coincide with South Australia's Volunteer Day. On Friday 5 June 2009, a morning tea was held in Bonython Hall, hosted by Mrs McWha, and attended by a large number of volunteers from all campuses of the University. Other invited guests included the Governor of South Australia, His Excellency Rear Admiral Kevin Scarce AC CSC RANR, the Minister for Volunteers, The Honourable Tom Koutsantonis MP, the Chancellor, Vice-Chancellor and President, and many senior staff. The Keynote Speaker for the event was Visiting Research Fellow Ms Kerry O'Regan, who gave an interesting and informative talk on the Centre for Learning and Professional Development Volunteer Program for International Students. The project is about language, culture and social connection and aims to improve students' English language skills, engage them with aspects of Australian culture and provide opportunities for social contacts with local people.

At the end of 2009, some 1891 volunteers were registered, contributing approximately 210,069 volunteer hours. Using the figure of \$22.08 per hour recommended by Volunteering Australia and based on Duncan Ironmonger's research in four States, the dollar contribution to the University amounted to

around \$4,638,323. Not included in these statistics are over 1400 Clinical Title holders who gave varying amounts of their time throughout the year, and a large number of people who contribute their time at Roseworthy Campus.

Among highlights of Volunteer Program activities in 2009 were the following:

University Archives Group

Archives Volunteer Group celebrated its sixth Birthday and 5-year service certificates were given to seven members of the group. Numerous projects were completed.

Don Dunstan Foundation

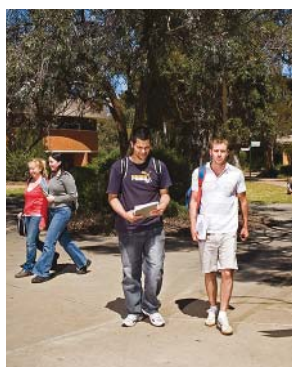
Felicity Morgan was commended for her insightful views and commitment to the ongoing promotion and improvement of the Don Dunstan Foundation.

University of Adelaide Theatre Guild

The Underpants won Best Comedy (Amateur), and Kate Fraser won the inaugural Simon Slade Memorial Award for Best Emerging Talent in the 2009 Adelaide Theatre Guild *Curtain Call Awards*. Brant Eustice won Best Male Performance (Amateur) for *Oleanna* in the 2009 Adelaide *Critics Circle Awards*.

The Florey Foundation

Mrs Doss Rogers raised \$30,000 for the Foundation with her white elephant stall and was the subject of a magazine article in *Volunteering SA* and *The Messenger*.



Radio Adelaide

The station received many awards and commendations throughout 2009.

International Peer Mentor Program

All Mentors were awarded Certificates and Reference Letters.

Office for Community Engagement – Western Region Enterprise Day (WRED)

The WRED Committee was commended for its continuous support of the program and its willingness to involve students in enterprising initiatives.

Development and Alumni

Mr Mathew Thomas Philip of the West Malaysia Alumni Network created the Insider Workshop Series utilising local expertise in the alumni community, and hosted several of these events in 2009. Mr Edmond Yap created and hosted a monthly alumni lecture series, Blueprint for Success — focusing on personal development, life balance and wellness — which was very successful.

Roseworthy Agricultural Museum

The Fuller and Johnson Farm Pump was restored by D Adamson.

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

- Development and Alumni
- University Archives Volunteer Group
- Barr Smith Library Volunteer Group
- Florey Medical Research Foundation
- International Student Centre Peer Support Program
- Radio Adelaide
- University of Adelaide Theatre Guild
- Waite Precinct Volunteer Program
- Don Dunstan Foundation
- CLPD Volunteer Support Scheme
- PCE English Language Centre
- Western Region Enterprise Day (WRED): Thebarton Campus
- Research Branch: Research Ethics and Compliance Unit
- Research Institutes: Office of Deputy Vice-Chancellor (Research)
- Art and Heritage
- Freemason's Foundation Centre for Men's Health
- Student Centre JP Service
- Kathleen Lumley College Project
- Confucius Institute
- Roseworthy Museum
- Roseworthy Railway Group

WAITE HISTORIC PRECINCT

The Waite Historic Precinct comprises 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 Heritage Register and National Estate. The Precinct offers a range of facilities and activities for the public, including tours.

The Urrbrae House Schools' Program, an interactive educational experience aimed at primary students in Years 4–6, continued to be a success, with some 750 children attending during the year. The weekly program is designed to enable children to step back into the recreated world of the 1890s, where costumed guides take students through a range of nineteenth century activities in Urrbrae House. Students are encouraged to discuss aspects of South Australian history and social life in Victorian times during the course of activities. Urrbrae House staff also provided specialised history tours for students from local high schools, TAFESA and Flinders University.

Urrbrae House sponsors a diverse range of community and cultural activities. For many years a Twilight Concert Series has been run by the Friends of Urrbrae House, in conjunction with Vivente Music, where members of the public can enjoy performances by some of Adelaide's best-known musicians. These concerts were sold out in 2009. A new Sunday afternoon concert series was trialled during the year featuring talented student groups from the Elder Conservatorium. The success of the new concerts has ensured their continuation in the future. Other ad hoc concerts held during the year included a 10th anniversary performance by the Lumina Vocal Ensemble.

A second Games Day — Fun in 1901 school holidays event, organised by the Friends of Urrbrae House with support from University staff and volunteers, was held at Urrbrae House and its gardens in October. The event was initiated in 2008 and its success with the public has now turned it into an annual October school holidays activity. Over 60 children and more than 40 parents and grandparents attended in 2009.

A limited commercial program also runs at Urrbrae House involving the hire of space for functions for private, business, University and Waite Campus organisations. 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 2009 more than 6,000 people attended community and private events at Urrbrae House.

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. During the year, significant planning work was undertaken in conjunction with Built Environs and Property Services for major restoration work on the roof, ceilings, balcony and kitchen of Urrbrae House, to be completed in 2010.

In the Waite Arboretum, 117 new trees were planted, including ongoing development of the experimental Dry Rainforest Demonstration Garden and the Palm and Cycad Collection. Nine very rare Dragon trees were propagated and planted — one specimen is the only known example of the species in Australia.

With the current persistent drought has come concern about the health of exotic trees in and around the city of Adelaide, particularly in Green Spaces, including the iconic Elm Avenue of 70 trees planted in 1928. In order to save the Avenue, the University took action to install an in-line drip irrigation system to secure the survival of these significant trees, while also providing a basis for establishing a research program into more efficient practices for the watering of exotic trees of significance. The survival of the elms has been further assisted by mulching, thanks to the generous donation of 300 truckloads of mulch by the arboricultural industry.

The Director of the Arboretum and Friends of the Waite Arboretum guides conducted 35 walks for 600 visitors from community groups, schools and the general public. The Friends mounted a promotional display at 'Gardening Australia' Expo at the Adelaide Show Grounds.

Over 250 delegates, the majority from interstate and overseas, attended the 10th TREENET National

Street Tree Symposium in September. TREENET is an independent not-for-profit organisation based at the Waite Arboretum, dedicated to improving the urban forest. Held over two days at the National Wine Centre and the Waite Arboretum, a series of practical demonstrations and workshops highlighted valuable research into the science of tree-sensitive urban design. Thirty volunteers assisted in making this the most valued arboriculture event in Australia.

Friends of Waite Conservation Reserve held 12 weekend working bees to undertake conservation and restoration work involving weed control and revegetation with locally collected seeds.

In the Urrbrae House gardens, a bronze sculpture by Meliesia Judge, *Ceres and Proserpina*, was installed. The sculpture was commissioned for the garden with a generous private donation by Dr Colin Jenner as a monument to his wife Norma's life and work. A partnership was formed with the Mediterranean Garden Society (SA Chapter) to redevelop the Garden of Discovery, with the Society making a substantial donation of plants and conducting several working bees. A new Heritage Rose Parterre was created with the Heritage Rose Society members assisting in the planting.

Volunteers make a significant contribution to the care, development and activities of the Waite Historic Precinct. This year, 124 volunteers contributed more than 8,000 hours of labour and they continued to make a significant contribution to the overall benefit of the University and the community at large.

PROPERTY AND INFRASTRUCTURE



TECHNOLOGY SERVICES

In 2009, the University took some major steps towards achieving a number of the challenges and goals of its Digital Futures strategy. The Digital Future 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. The priorities in 2009 were to work towards providing the University with the optimum capability to anticipate and adapt to developments in digital technology, to scale and strategically align its Information and Communications Technology (ICT) architecture, and to streamline its ICT governance processes.

One of the key deliverables in 2009 has been the Technology Transformation Strategic Plan 2010–2011. This plan establishes a program of ICT investments and initiatives to support the University in achieving its aspirations as reflected in the Strategic Plan for 2008–2012. The plan provides a strategic framework and direction and an opportunity to invest in technology to achieve competitive edge.

A revised ICT Governance framework based on best practice was successfully established in 2009. A set of agreed ICT guiding, architecture and investment principles has been developed together with a new Governance committee structure. The new framework places great importance on communication and engagement with the University community and will ensure that staff and students have a leading role in formulating IT strategy and investment decision-making.

Technology Services underwent a very significant and successful restructure in 2009. Solution Delivery and IT Strategy and Architecture were formed as separate new sections within Technology Services to fill major gaps. New team structures were formed to better align with University segments, core roles and technology stacks. A new leadership team has been appointed into this structure and over 50 existing staff interviewed for numerous positions under an Expression of Interest scheme.

Independent surveys of both student satisfaction and staff satisfaction with the University's IT service show marked improvements over 2008. Students were particularly pleased with the new printing quotas, the price of additional quota, and internet download. A survey of staff indicated a consistent trend in improved IT services in all categories.



KEY TECHNOLOGY SERVICE PROJECTS IN 2009

Teaching and Learning Capital Fund

The Teaching and Learning Program was initiated in June 2009 and funded from a Federal Government Teaching and Learning Capital Fund for Higher Education. The program will enable improved Information Technology capabilities in the areas of computing facilities, online lecture media and lecture facilities and aims to enhance the overall student experience. The program scope has been developed in line with the University's Strategic Plan 2008–2012 and will deliver the following:

- Improvements in the technology to capture and deliver online lecture media
- Introduction of technology to virtualise personal computers in Student Suites
- Improvements in technology facilities in Student Suites
- Improvements in technology facilities in lecture theatres and presentation venues.

Student e-mail

The University became the first university in the State to make the switch to Google Applications for students. During the year, around 16,000 students switched to a new account powered by Google's Gmail. These students also benefit from larger capacity mailboxes and access to integrated applications such as instant messaging and Google Calendar, enabling them to manage key university dates, class times and other events.

Student Portal

2009 saw the design and development of a student portal and a proof-of-concept implementation, with Stage 1 of the portal scheduled to roll out in February 2010. The project will deliver an infrastructure platform that provides the capacity and capability for enabling significant improvement in online user experience. In particular, it will enable for students:

- Single sign-on to all existing core systems
- Central access to e-mail and calendar, myUni, Access Adelaide, Library
- Live information feeds such as announcements, important dates and events, campus maps
- A learning resource page that provides a summary of the students' course grades, lecture recordings, library searches, and library loans.



BUILDING LIFE IMPACT: CURRENT WORKS

Above: photo by Mick Bradley

Innova 21 — New Engineering Building

The construction of the Innova 21 Main Works is proceeding with a planned handover date of May 2010. The building has now been submitted for consideration of a six Green Star rating (a Green Building Council of Australia rating). Innova 21 is only the second project in the country to have been submitted for a Green Star rating under the Green Star Education tool and may be the first to be awarded this rating.

Nexus 10 — 10 Pulteney St Tower

The refurbishment work on the tower was completed and construction work has now commenced on the ground floor and upper basement learning hubs with completion programmed for mid-2010.

School of Veterinary Sciences

The primary structure is now complete with the building envelope nearing completion. Fitout works are advancing with Stage 3 due for completion in May 2010 and Stage 4 in July 2010.

The South Australian Research and Development Institute (SARDI) has provided \$2.6 million of funding towards construction of an Aquatic Animal Biosecure Facility adjacent to the new Veterinary School. Tenders for design and construction have been received and are currently being evaluated.



Right: photo by Mick Bradley



FUTURE PLANNING

Hughes Plaza Learning Hub

Planning continued in 2009 for the first stage of construction for the Learning Hub on Hughes Plaza, which was scheduled to begin in early 2010. A continuing consultation process will enable the project team to gather input from a wide variety of stakeholders regarding the development and the proposed services to be made available within it.

Australian Plant Accelerator Facility

Construction was completed in November 2009 with an official opening scheduled for January 2010.

Union Hall site redevelopment

Council approved a proposed redevelopment of the Union Hall site in October 2009 to house the Institute of Photonics and Advanced Sensing, and to create additional researching and teaching space on campus, including a 460-seat, state-of-the-art lecture theatre.

In December 2009, the South Australian Heritage Council and its Register Committee held a joint meeting, where the nomination of Union Hall for the State Heritage Register was discussed. A decision on whether or not Union Hall would receive a provisional listing was delayed at this meeting in order to allow for the seeking of further information.

Roseworthy Campus Masterplan

The development of new Veterinary Science facilities on the Roseworthy Campus and the State Government's new vision for the Northern Areas were key components of a Roseworthy Campus Masterplan completed in 2009, which identified the strategic building and development activities that will enhance Roseworthy's future as a vibrant place of learning, research and farming.

EIF Round 3 and Sustainability Round

The University submitted its business cases in support of the two EIF bids that have been invited to proceed to Stage 2 of the assessment process. These were submitted to the Commonwealth Government on 8 December 2009 and the University anticipates being advised of the outcome of its submissions by mid-2010.

Teaching & Learning Capital Fund

Two capital works projects were nearing completion at the end of 2009, with the Scott Theatre refurbishment scheduled for completion by February 2010, and the first-year teaching laboratory in Mawson Building by April 2010.

CBD Property

In 2009, Evans & Ayers were awarded the CBD property management contract from 2010 onwards. The University expects to derive considerable ongoing benefit in the management and utilisation of its CBD Property Portfolio through this new arrangement.



FINANCIAL OVERVIEW

The University of Adelaide Council has adopted two principal financial targets:

An operating margin no less than 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 2009.

	Consolidated		University	
	2009	2008	2009	2008
	\$000	\$000	\$000	\$000

SUMMARY STATEMENT OF COMPREHENSIVE INCOME:

OPERATING REVENUE

Received under Higher Education Support Act	237,769	252,837	237,769	252,837
Learning and Teaching	151,151	132,470	150,679	132,470
Research Grants and Fees	140,587	129,212	134,088	122,544
Research - Other	19,325	20,222	19,325	20,222
Other	120,384	101,133	76,413	63,245
Total operating revenue	669,216	635,874	618,274	591,318

OPERATING EXPENSES

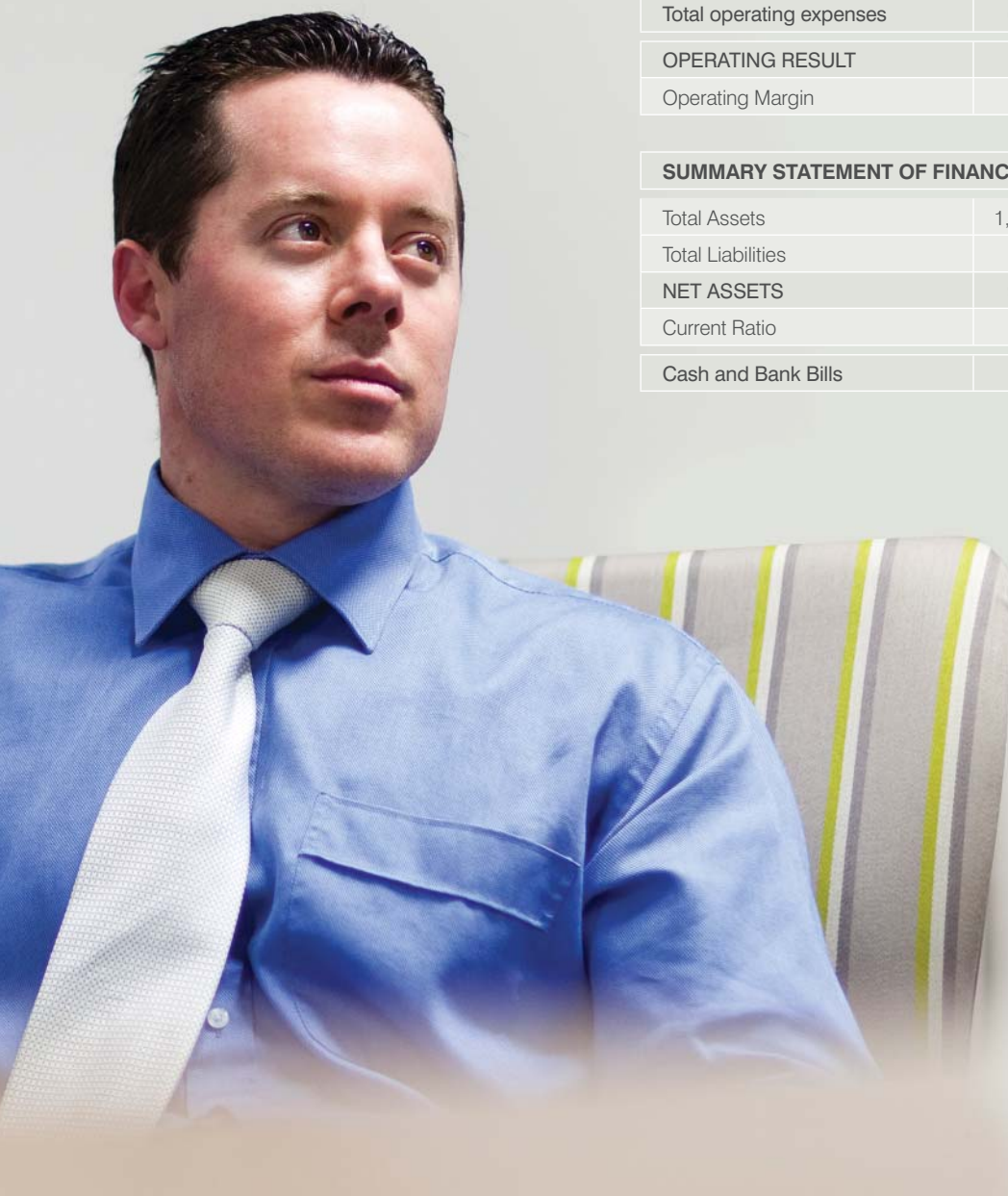
Salaries, superannuation and related expenses	326,304	318,509	314,010	306,694
Non salary expenses	274,913	284,890	237,211	249,832
Total operating expenses	601,217	603,399	551,221	556,526

OPERATING RESULT

Operating Margin	10.2%	5.1%	10.8%	5.9%
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SUMMARY STATEMENT OF FINANCIAL POSITION:

Total Assets	1,206,891	1,071,168	1,194,340	1,060,065
Total Liabilities	245,949	196,132	241,133	192,885
NET ASSETS	960,942	875,036	953,207	867,180
Current Ratio	1.6	1.4	1.0	1.2
Cash and Bank Bills	61,259	68,453	54,551	63,456





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