

University of South Australia

Annual Report 2010



University of
South Australia

Letter of transmittal

The Hon Jack Snelling MP
Minister for Employment, Training and Further Education
Level 8, State Administration Centre
200 Victoria Square
ADELAIDE SA 5000

16 June 2011

Dear Minister

In accordance with the requirements of regulations under Part 4, Section 18 – Annual Report of the *University of South Australia Act 1990*, it gives me great pleasure to submit for your information and presentation to Parliament the *University of South Australia Annual Report 2010* and the *University of South Australia Financial Statements 2010*, for the year ending 31 December 2010. The University Council approved the Financial Statements at its meeting on 12 May 2011 and the Annual Report at its meeting on 15 June 2011.

Yours sincerely



Dr Ian Gould
Chancellor

Companion volume

The University's complete annual financial statements for the year ended 31 December 2010, adopted by the University Council on 12 May 2011, are contained in the *University of South Australia Financial Statements 2010*, a companion volume to this report.

Your feedback

We welcome any comments or suggestions on the content or layout of this report. Please contact the Director: Council Services and Chancellery on:

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Further information

This report and the *University of South Australia Financial Statements 2010*, as well as past annual reports, are available on our website:

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

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Cover photograph

Professor Julie Mills, right, with fellow lecturer Dr Xing Ma and civil engineering student Sarah Hollis at the School of Natural and Built Environments, Mawson Lakes campus (report, page 38). UniSA educates professionals and conducts world-class research in engineering. This is reflected in global rankings that put us well inside the top 200 of the more than 10,000 educational institutions in the world (QS Discipline Rankings 2011). Picture: Randy Larcombe



The Hawke Building,
City West campus.

Who we are

The achievements described in this report show that the University of South Australia had another outstanding year in 2010. While achieving clear and distinctive excellence in teaching and research, we have maintained our commitment to a strong social mission: we believe that equity and excellence are not mutually exclusive but can be mutually reinforcing.

Although UniSA became a university in relatively recent history – 1991 – our roots date back to 1856 through institutions such as the South Australian School of Art, Institute of Technology and College of Advanced Education. Over our 20 years as a university, we have earned a reputation as a national leader in collaborative research and have been recognised nationally for innovation and distinction in teaching.

As part of our commitment to excellence in teaching and learning, we have invested significantly in the student experience, offering student-centred and flexible programs, supported by an outstanding online learning environment. Designed in consultation with business and the professions, our programs include fieldwork, industry-guided simulations and industry projects.

We believe that the real measure of the standing of a university is the quality of its graduates. UniSA alumni are in great demand by employers and become significant contributors to their chosen professions – they are people who are instrumental in reshaping contemporary society.

We have built world-class research, largely in subjects that also align with student demand. In the 2010 Excellence in Research for Australia national assessment exercise, 70 per cent of the research that UniSA submitted was judged to be at or above world-class standard (report, page 16.) The University's research strengths were in a range of globally important areas across our four academic divisions.

UniSA's research mission is geared to both the creation and application of knowledge. Our distinctive research profile is based on bringing together teams of multidisciplinary researchers to provide solutions to questions of importance to business, the professions and the global community.

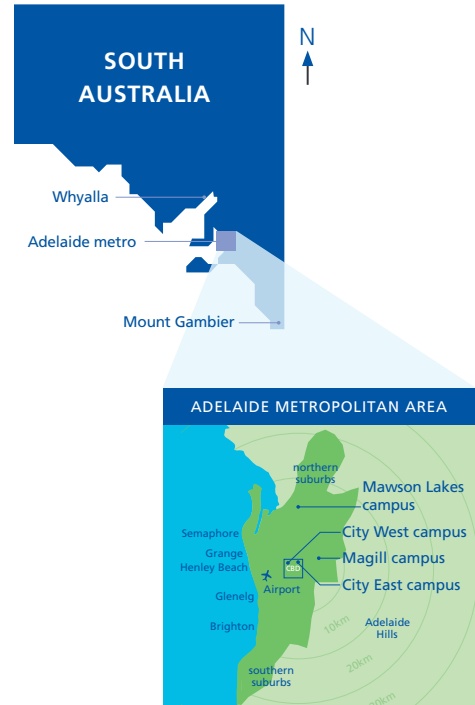
Our 10-year strategic plan, *Horizon 2020*, published in 2010, sets out our aspirations to build on these distinctive strengths to achieve even greater prominence and success to the benefit of our students and society (report, page 12).

2010 at a glance

Total number of students:	36,248
Total number of international students:	12,164
Onshore international students:	6,031
Offshore international students:	6,188
Number of parchments awarded:	9,239
Staff population (full-time equivalent) ¹ :	2,426
Total University alumni ² :	153,956
Number of campuses:	5 (City East, City West, Magill, Mawson Lakes and Whyalla)
Regional centre:	Mount Gambier
Number of research institutes:	6
Number of research centres:	14
Number of students funded for international study experience:	377
Number of student exchange partner institutions:	92

1 Does not include casuals
2 Includes registered and unregistered alumni and those from antecedent institutions

Where we are



Key statistics

	2005	2006	2007	2008	2009	2010	% change 2009–10
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Number of students

Total	32,266	33,680	34,603	36,156	36,850	36,248	–2%
Commencing	12,232	13,519	13,417	14,076	13,975	13,242	–5%

Student load (EFTSL)

Total	21,378	22,535	23,302	24,423	25,189	25,104	0%
Undergraduate	16,958	17,984	18,621	19,569	20,458	20,577	1%
Postgraduate	4,420	4,551	4,681	4,854	4,731	4,527	–4%

Student load by funding source (EFTSL)

Commonwealth Grant Scheme	14,024	14,756	14,512	14,796	15,051	15,750	5%
Commonwealth Research Training Scheme	425	432	466	489	510	490	–4%
Domestic fee paying	703	663	678	507	443	420	–5%
International onshore	3,037	3,317	3,505	3,837	4,394	4,569	4%
Transnational	3,185	3,364	4,135	4,786	4,782	3,859	–19%
Other	3	4	6	8	9	17	89%

Awards completions

Total	7,961	8,262	8,450	9,070	9,576	9,239	–4%
Undergraduate	5,078	5,317	5,336	5,505	5,995	5,960	–1%
Postgraduate	2,883	2,945	3,114	3,565	3,581	3,279	–8%

Staff (FTE)

Total	2,103	2,162	2,266	2,396	2,370	2,426	2%
Academic	920	956	1,010	1,043	1,030	1,032	0%
Professional	1,183	1,205	1,256	1,353	1,340	1,394	4%
Teaching and research	714	753	778	804	742	738	–1%
Research only	210	213	253	284	278	280	1%
Other function	1,179	1,196	1,235	1,309	1,350	1,407	4%

Financials

Consolidated:	Actual	Actual	Actual	Actual	Actual	Actual	
Operating result (\$m)	19.5	30.5	24.4	37.2	41.5	70.3	69.4%
Safety margin	5.9%	8.3%	6.1%	8.2%	8.8%	13.6%	54.6%
Net assets (\$m)	473.1	506.2	603.4	637.7	680.8	785.2	15.3%
Total assets (\$m)	881.4	900.8	993.6	1,188.7	1,163.3	1,324.3	13.8%
Total income (\$m)	329.5	368.9	398.6	452.0	473.2	518.6	9.6%

Notes

2010 student data is preliminary and unverified.

Number of students represents an unduplicated count of students enrolling in any study period during the enrolment year and includes cross-institutional students. Student load represents the sum of load for all study periods in the enrolment year as recorded at each period's census date.

Load is expressed as equivalent full-time student load (EFTSL).

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

Total income represents total income from continuing operations. It excludes Commonwealth Superannuation Supplementation.

Safety margin equals operating result after income tax divided by operating income.

Vision, mission and values

Vision

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

Mission

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

Values

Scholarship

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

Engagement

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

Social justice

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

Sustainability

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

Innovation

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

Openness

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

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

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THE YEAR IN REVIEW



Home of the School of Law, City West campus: in 2010 the school's first intake of students completed their Bachelor of Laws degree.

Highlights

Institutional awards and rankings

UniSA was ranked 14th in Australia for research income and in the top 10 Australian universities for the percentage of academics with a doctorate.

In the **QS World University Rankings**, we ranked 281st of the world's more than 10,000 universities and showed the largest improvement of any Australian university.

Our MBA was again awarded five stars by the **Graduate Management Association of Australia**.

The Division of Business was re-accredited by the **European Quality Improvement System (EQUIS)**. The Division is one of only eight Australian business schools, and one of only 128 in the world, to hold the accreditation. (Report, page 30.)

For the eighth year running, we were acknowledged as an **Employer of Choice for Women** by the Commonwealth Government's Equal Opportunity for Women in the Workplace Agency.

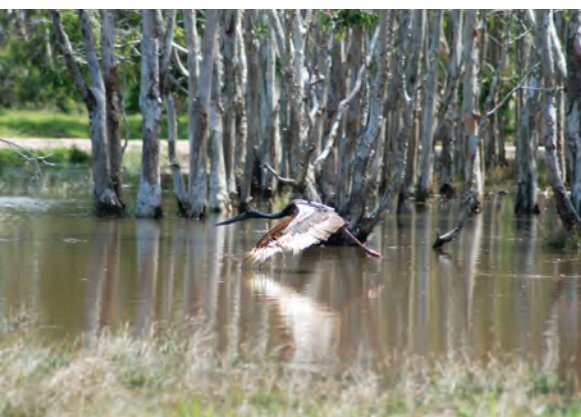
Research

In 2010, UniSA was awarded \$16.5 million in **Category 1 funding**, almost double the 2005 figure of \$8.4 million (report, page 21).

In the first full **Excellence in Research for Australia (ERA)** evaluation of research performance in Australian universities, about 70% of the UniSA research disciplines submitted for ERA evaluation were assessed as being at or above 'world-class' standard. We were one of only two universities in Australia to receive the highest rating – well above world standard – in Chemical Sciences. (Report, page 16.)

The **Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE)**, headquartered at UniSA's Mawson Lakes campus, attracted Commonwealth Government support for a further nine years. The CRC received \$29 million to continue research

into addressing contamination issues in Australia and overseas. Industry and research partners have contributed an additional \$148 million in cash and kind.



Wildlife is returning to the East Trinity wetlands near Cairns after CRC CARE and Queensland Government researchers implemented a lime-assisted restoration program for seriously acidified soils.

A significant achievement for the University in 2010 was the announcement of our first **National Health and Medical Research Council (NHMRC) Program Grant**, one of the most prestigious national grants in health and medicine. Lead investigator and Director of the Sansom Institute for Health Research, Professor Kerin O'Dea AO, and colleagues Professors Robyn McDermott, John Lynch and Leonie Segal, with Dr Kevin Rowley from the University of Melbourne, were awarded \$8.19 million over five years to investigate 'Improving chronic disease outcomes for Indigenous Australians: causes, interventions, system change'. (Report, page 33.)

'Through this grant, UniSA can make an important contribution to Indigenous health, an area that is aligned with our social mission and an issue of national and international concern.'

– Professor Peter Høj, Vice Chancellor and President



From left, Chancellor Dr Ian Gould, Professor Kerin O'Dea, South Australian Minister for Health John Hill, Professor John Lynch, Professor Leonie Segal and Professor Robyn McDermott celebrate the NHMRC Program Grant.

The **Institute for Telecommunications Research** was awarded \$4.9 million under the Commonwealth Government's Australian Space Research Program (ASRP) to develop a new satellite-based wireless sensor network to collect information vital for industry, defence, the environment and national security. International and national partners including Canadian company COM DEV International, South Australia's EMS Global Tracking and SAGE Automation, and national organisations DSTO, CSIRO and the Australian Institute of Marine Science, contributed an additional \$7 million. The ASRP also awarded the Division of Information Technology, Engineering and the Environment \$475,658 over three years towards the **Southern Hemisphere Summer Space Program**, to be held annually at Mawson Lakes campus from 2011 to 2013 in collaboration with the International Space University, Strasbourg, France.

Teaching and learning

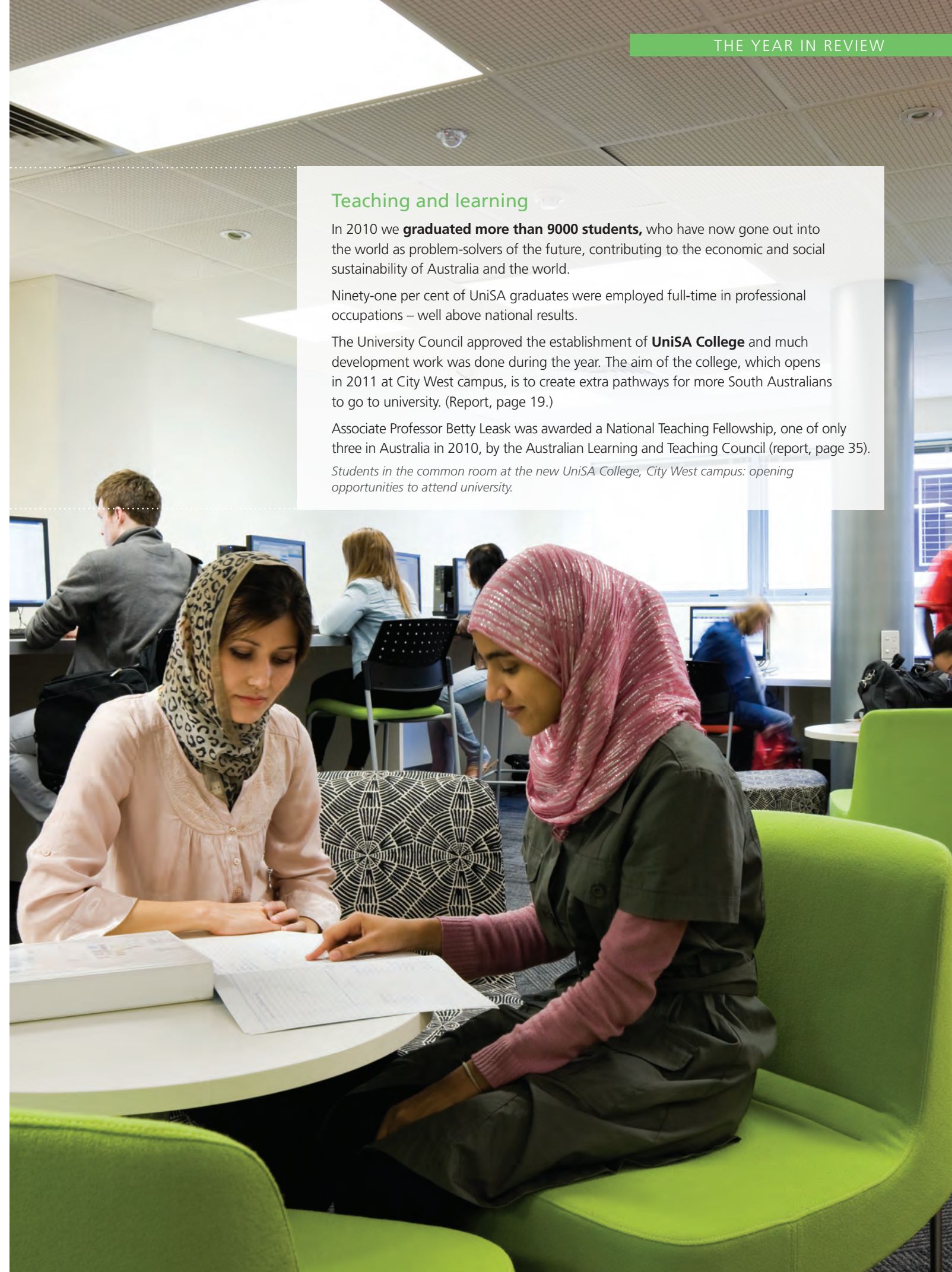
In 2010 we **graduated more than 9000 students**, who have now gone out into the world as problem-solvers of the future, contributing to the economic and social sustainability of Australia and the world.

Ninety-one per cent of UniSA graduates were employed full-time in professional occupations – well above national results.

The University Council approved the establishment of **UniSA College** and much development work was done during the year. The aim of the college, which opens in 2011 at City West campus, is to create extra pathways for more South Australians to go to university. (Report, page 19.)

Associate Professor Betty Leask was awarded a National Teaching Fellowship, one of only three in Australia in 2010, by the Australian Learning and Teaching Council (report, page 35).

Students in the common room at the new UniSA College, City West campus: opening opportunities to attend university.



Chancellor's report: Achievements part of upward trend

UniSA will turn 21 in 2012. While this may be young in terms of institutions, our achievements in 2010 transcend our youth and continue the strong trend of improvement of previous years.

During the year the Australian Research Council ran the Excellence in Research for Australia (ERA) evaluation of Australian universities' research performance. ERA is clear, independent evidence that our efforts to forge strength in research are being recognised. Of our research disciplines submitted for evaluation, ERA assessed about 70% at or above 'world-class' standard. Congratulations to our many research-active staff on this great achievement.

The ERA endorsement follows the positive report in 2009 from Australia's main quality assurance agency in higher education, the Australian Universities Quality Agency, which determined that UniSA was 'well-placed to deliver on its ambitious agenda'.

Importantly, the reports from both ERA and AUQA are not isolated examples of our strong performance, but form part of a trend of achievement in nearly every critical area. Our rate of improvement compared to other Australian universities leaves little to be desired: we are a serious candidate for the 'most improved' trophy.

UniSA is guided by strong core values imbued over many generations by an illustrious history. We date back to teaching institutions including the South Australian School of Art, founded in 1856, and the South Australian School of Mines and Industries, 1889; institutions that taught many of the state's leaders in industry, politics and culture. This history is reflected in the University's values, which were defined at our formation as a university in 1991 and which attracted me when I was invited to become Chancellor in 2008.

One of our most important values was and still is social justice. You cannot fake a genuinely equitable approach. It is an inherent part of UniSA; something that is well understood both inside and outside the University. In this area we comfortably exceed government objectives and targets. But there can be no true equity in education without another of our core values: excellence, because conferring a second-class product on people is not equitable for them. A value that particularly resonated with me is UniSA's focus on the training of true professionals – ready for work, with expertise and knowhow, professional pride and an understanding of ethics.

During the past two decades, these values have become woven into the very fabric of the University. They will stand us in good stead, as we will need resilience to face the challenges ahead. There is the welcome challenge of upskilling people for a new era; however, the university sector in Australia is moving into uncertain times, partly caused by increased competition, not only for overseas students but also as deregulation is



Dr Ian Gould, Chancellor

fully applied. Deregulation has undoubted benefits, but may also have some unintended and unexpected consequences. Australian universities are also coming to terms with reduced numbers of overseas students, after a sustained period of strong growth.

UniSA has always been quick and flexible enough to adapt to challenging times, and we will again be drawing on these traits to make the best of the changes ahead. In periods of uncertainty there is always a temptation to suddenly change direction and, in doing so, to lose sight of core values. If you believe your value system is right, it is important to stick with it – and that is what UniSA is doing.

As UniSA moves into the more mature years, it is important for us to embrace some challenging objectives for the future.

Horizon 2020, featured in this report, provides that agenda for the next decade and is the culmination of a University-wide strategic planning exercise. It is an ambitious and aspirational vision that the University is committed to achieving.

Any young person will tell you that youth brings its own challenges. It is the same for universities. When I went to Sydney University, almost 50 years ago, the University of New South Wales and Melbourne's Monash University were the new kids on the block and were subject to questions from the establishment about their future contributions. Today they are both in the top order of Australia's universities; indeed, in the top order of the world's universities.

There are more recent examples of young universities such as UniSA joining the front ranks and that is where the trend shows we are heading.

There are more recent examples of young universities such as UniSA joining the front ranks and that is where the trend shows we are heading.

I am pleased to welcome Dr Wendy Craik AM as Deputy Chancellor of the University. Wendy is a full-time Commissioner with the Productivity Commission and during her distinguished career has held many senior roles including Chief Executive of the Murray–Darling Basin Commission. I look forward to working closely with her on the University Council.

I also welcome Pauline Carr and Paula Nagel to the Council. Pauline has a strong background in practical governance, with more than 25 years of management and commercial experience. Paula brings a depth of knowledge in education to the Council, as International Education Adviser attached to the University City Project with the Department of the Premier and Cabinet, and former chair of Education Adelaide.

The University faces the challenges ahead in a very sound financial position, after another solid result in 2010, and with excellent people, who are increasingly well qualified. I look forward with enthusiasm to our 21st year and beyond.

Dr Ian Gould
Chancellor





The award-winning Mawson Institute Building designed by Guida Moseley Brown Architects in association with Russell & Yelland Architects, which was opened in 2010 at Mawson Lakes campus. The interior shows a surface analysis laboratory overlooking offices in one of the building's two linear wings.

Vice Chancellor's report: 2010 and the next decade

One of the most significant events of 2010 was the release of *Horizon 2020*, the University's statement of strategic ambitions for the next decade. About 800 students and 200 staff contributed their ideas to *Horizon 2020* before it was approved by the University Council.

Our desire to meet the present and future needs of society is a driving force behind our professional education programs and research. *Horizon 2020* gives shape to our vision that UniSA will be a leading contributor to Australia having the best higher education system in the world, supporting the world's best educated and most innovative, cohesive and sustainable society.

Reflecting our strong overall performance, we were ranked 281st in the QS World University Rankings, an increase of 18 from our ranking in 2009 and the largest improvement of any Australian university. South Australia is indeed fortunate to have three strong public universities, all ranked in the top 300 of the more than 10,000 universities in the world.

Our most important activity is the education of outstanding graduates, and 9239 students completed their studies in 2010. They included 204 graduates of doctoral programs (159 PhDs and 45 professional doctorates). We take great pride not only in the considerable intellectual achievements of our students, but also in their contributions to the community.

In 2009, the Commonwealth Government accepted many of the recommendations of the *Review of Australian Higher Education* (the Bradley Review). Key goals of the review were to increase the proportion of Australians with a university qualification and to improve participation in higher education by people from low socio-economic backgrounds. We strongly support these objectives.

We take great pride not only in the considerable intellectual achievements of our students, but also in their contributions to the community.

During 2010, the implications of the federal government's changes began to be worked through in more detail. The government started to ease caps on student enrolments as a prelude to a more demand-driven system. This markedly increased competition between higher education providers and in some respects made collaboration more difficult.

Partly as a response to the government's policy changes, we have established UniSA College, which officially opens in 2011. The college will encompass many of our outreach and access programs, including the highly successful Foundation Studies



Professor Peter Høj, Vice Chancellor and President

program. It will play a key role in our contribution to the national participation agenda. By preparing students for university study, it will also underpin our commitment to both equity and excellence. I attend Foundation Studies graduations, and the commitment and intelligence of the graduates shines through.

Across Australia, international student recruitment was affected by several factors, including changes to migration and visas, the high value of the dollar, concerns about safety and stronger competition from overseas universities in search of alternative funding streams in the wake of the global financial crisis. Recruitment continues to be challenging and the environment will test many younger universities such as UniSA, where perceptions of youth can overshadow exceptional performance.

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We continued to invest in infrastructure to support teaching and learning. Following our success in attracting \$45 million from the federal and state governments for the Materials and Minerals Science Learning and Research Hub in 2009, we secured \$30 million from the federal government's Education Investment Fund towards our \$95 million Participate@UniSA project. This will include a landmark student learning centre at the City West campus. We also began to implement the Personal Learning Environment, incorporating student administration, a program and course management system, learning management system and student placement system. Together with a system to record lectures, the project is worth almost \$11 million. During the year, we also comprehensively reviewed the quality of the student experience and the Deputy Vice Chancellor: Academic worked closely with the student association, UniLife, to improve support for students.

We have continued to stress the importance of linking research to innovation and of engagement with end users. In this context it is very pleasing to see the continued engagement of our researchers with government, industry and business.

The quality of our teaching programs continued to be recognised. The Graduate Management Association of Australia awarded our MBA five stars for the third successive year. The European Quality Improvement System re-accredited the Division of Business – it is one of only eight business schools in Australia and 128 in the world to hold this prestigious accreditation. The Australian Learning and Teaching Council awarded Associate Professor Betty Leask a National Teaching Fellowship – only three were awarded nationally.

Many staff across the University contributed to preparations for the federal government's research assessment exercise, Excellence in Research for Australia (ERA). The results of ERA were released in early 2011 and from any perspective, our outcomes were very strong: 70% of our assessed research was judged to be at or above world standard and in the Chemical Sciences we were one of only two universities in Australia judged to be at the highest level.

In 2010 our total research income was about \$58 million. We were awarded \$16.5 million in Category 1 grant funding, compared with \$8.4 million in 2005. The number of weighted publications per full-time-equivalent academic staff in 2009 was

50% higher than our average output between 2003 and 2008. We have continued to stress the importance of linking research to innovation and of engagement with end users. In this context it is very pleasing to see the continued engagement of our researchers with government, industry and business.

Among many research highlights:

- A team led by Professor Kerin O'Dea and colleagues at the Sansom Institute was awarded an \$8.19 million National Health and Medical Research Council (NHMRC) Program Grant to investigate diabetes and cardiovascular disease in Indigenous populations.
- The Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE), based at UniSA, was awarded \$29 million by the federal government for a second term. CRCs are partnerships between universities, government agencies and industry. CRC CARE partners will contribute a further \$148 million in cash and in-kind support.
- On the most recent figures, we were ranked fifth in Australia for federal funding to CRCs.
- The Institute for Telecommunications Research secured a \$4.9 million Australian Space Research Program grant. The project will develop a new satellite-based wireless sensor network to provide Australia with an improved capacity to collect information vital for industry, defence, the environment and national security. Partners in government and industry will contribute support worth a further \$7 million.
- We now have more than 1000 PhD students, the majority working in our six research institutes and 14 research centres and engaging with a wide range of users of research.
- Dr David Beattie, Dr Margaret Cargo, Dr Krasi Vasilev, and Associate Professor Enzo Lombi were named ARC Future Fellows.
- Professor Mike Roberts was named NHMRC Senior Principal Research Fellow.
- Dr Siobhan Banks, Dr Saravana Kumar, Dr Ellen Nisbet and Dr Gabrielle Todd won South Australian Young Tall Poppy Science Awards, and Dr Todd was named the South Australian Young Tall Poppy of the Year.

We concluded an enterprise agreement, which, I believe, strikes a fair balance between the aspirations of staff and the needs of the University in a demanding and rapidly changing environment. I thank all who contributed constructively to the negotiations.

Ongoing projects are contributing to the streamlining of administrative services and the reshaping of UniSA as a dynamic institution staffed by research-productive teaching scholars and highly skilled professional staff.



Construction continues on the \$50 million Materials and Minerals Science Learning and Research Hub at Mawson Lakes campus, due for occupation in February 2012.

We continued to attract, appoint and promote outstanding staff at all levels. Senior staff who took up their appointments during the year included:

- Professor Joanne Wright, Deputy Vice Chancellor and Vice President: Academic
- Nigel Relph, Pro Vice Chancellor and Vice President: International and Development
- Professor Jason White, Head of School, Pharmacy and Medical Sciences
- Professor Milé Terziovski, Head of School, International Graduate School of Business
- Professor Simon Beecham, Head of School, Natural and Built Environments
- Professor Philip Weinstein, Dean of Graduate Studies
- Professor Salman Sayyid, Director: International Centre for Muslim and non-Muslim Understanding
- Professor Marianne Berry, Director: Australian Centre for Child Protection
- Professor Guy Robinson, Director: Centre for Regional Engagement
- Professor Steffen Lehmann, Director: Zero Waste SA Research Centre for Sustainable Design and Behaviour
- Professor Pauline Harris, The Lillian de Lissa Chair in Early Childhood, School of Education
- Professor Dayang Wang, Research Professor, Ian Wark Research Institute
- Professor Thomas Nann, Research Professor, Ian Wark Research Institute

- Professor Esther May, Dean: Health and Clinical Education, Division of Health Sciences
- Professor Nicholas Procter, Chair: Mental Health Nursing, School of Nursing and Midwifery
- Professor Charles Rickett, Professor in Law, School of Law
- Professor Anthony Finn, Professor of Autonomous Systems, Defence and Systems Institute
- Professor Doraisamy (Nanda) Nandagopal, Chair in Defence Systems and Dean External: Division of Information Technology, Engineering and the Environment
- Professor Peter Chen, Chair in Management (HR Management).

The following senior staff were appointed in 2010 and will take up their appointments in 2011:

- Professor Geraldine Castleton, Dean and Head of School: Education
- Professor Roger Eston, Head of School: Health Sciences
- Professor Lorimer Moseley, Professor of Clinical Neurosciences and Chair in Physiotherapy.

This pattern of high-level appointments has continued into early 2011 and it is clear we are increasingly attractive to academic staff of undisputed international standing.

Dr Julie Mills and Dr Linda Zhou were promoted to professor.

Our Deputy Vice Chancellor and Vice President: Research and Innovation, Professor Caroline McMillen, was appointed Vice Chancellor of the University of Newcastle, one of Australia's outstanding universities. Caroline has been a major driver of the growth in our research performance during the past five years and of the national recognition of UniSA as one of the up-and-coming stars in Australian research. She has been an exceptionally valued senior colleague and I look forward to working with her as a fellow vice chancellor. I am sure that she will make a major contribution, not only to the University of Newcastle, but also to Australia.

Our success is founded on the contributions of thousands of people and on partnerships with many institutions in Australia and across the world. I thank all our staff, students, graduates and partners for their support of this wonderful institution.

Professor Peter Høj
Vice Chancellor and President

Financial overview

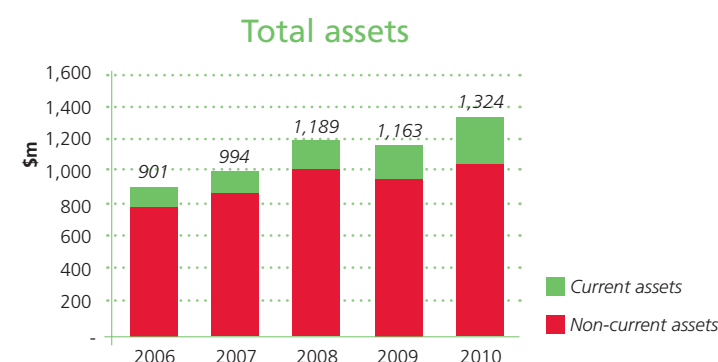
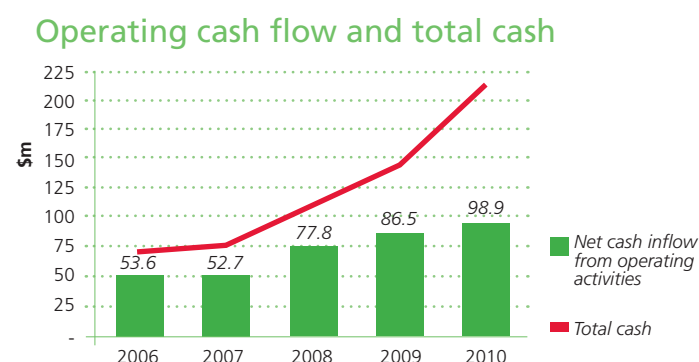
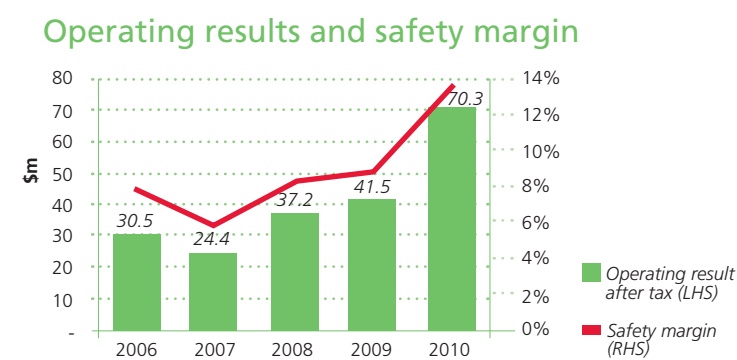
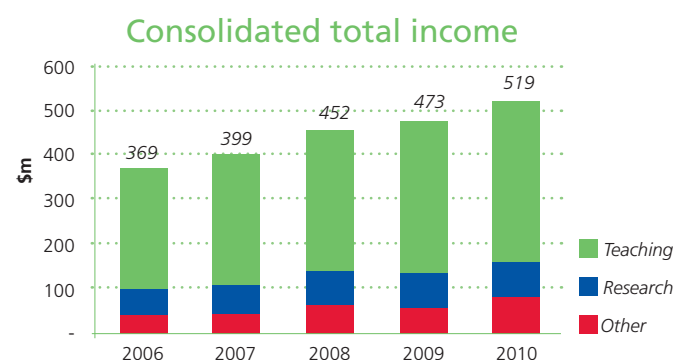
During the next decade we plan to invest at least \$1 billion in additional infrastructure, initiatives and improved services to achieve our strategic ambitions.

'Our 2010 operating result provides a solid foundation for this investment and continues our commitment to sustainable financial management, while ensuring we have the financial capacity to support our strategic ambitions.'

– Professor Peter Høj,
Vice Chancellor and President

	Consolidated		University	
	2010 \$m	2009 \$m	2010 \$m	2009 \$m
Summary statement of comprehensive income				
Operating income	518.6	473.2	509.7	465.7
Employee-related expenses	282.6	264.7	277.7	258.7
Non-salary expenses	165.7	167.0	162.0	164.0
Operating expenses (incl. income tax)	448.3	431.7	439.7	422.7
Operating result after income tax	70.3	41.5	70.0	43.0
Safety margin ¹	13.6%	8.8%	13.7%	9.2%
Summary statement of financial position				
Current assets	291.1	208.9	287.8	206.2
Non-current assets	1,033.1	954.4	1,033.8	954.2
Total assets	1,324.2	1,163.3	1,321.6	1,160.4
Current liabilities	141.7	116.8	141.2	115.7
Non-current liabilities	397.3	365.8	397.3	365.8
Total liabilities	539.0	482.6	538.5	481.5
Net assets	785.2	680.8	783.1	679.0
Summary statement of cash flows				
Net cash flows from operating activities	98.9	86.5	99.5	86.5
Net cash flows from investing activities	(30.3)	(52.3)	(45.1)	(51.6)

¹Safety margin equals operating result after income tax divided by operating income



Financial summary

In 2010 UniSA delivered another solid financial result, with a consolidated surplus of \$70.3 million, compared with \$41.5 million in 2009, which equates to 13.6% of income (8.8% in 2009). The result included \$17.2 million of capital grants and a \$14.5 million gain on the sale of investments.

Consolidated income grew by \$45.4 million to \$518.6 million, assisted by proceeds from the sale of investments from commercialisation, along with growth in both teaching and research income. Consolidated expenses grew by \$16.3 million (3.8%), due to an increase in salaries and related expenses of \$17.9 million (6.8%).

The consolidated financial position remained sound, with cash and cash equivalents totalling \$214.3 million at 31 December 2010 (\$145.6 million in 2009). Consolidated total assets grew by \$161.0 million and consolidated net assets by \$104.5 million, largely as a result of an increased cash balance and an increase in the property, plant and equipment of \$51.0 million (including \$34.3 million arising from the triennial revaluation of land and buildings).

The South Australian Auditor-General has qualified the financial report on the grounds that we treat Commonwealth and state government grants and contract research with specified conditions as 'income in advance' at 31 December 2010 and recognise it as a liability on the statement of financial position. We believe that recognising the grant income in the year that the grant obligations are satisfied presents a true and fair view of our financial position at 31 December 2010 and the result of our operations and cash flows for the year. In the Auditor-General's opinion, the grants should be treated as income in the actual year of receipt. Our treatment is conservative and resulted in the deferral during 2010 of \$8.1 million of unspent funds (\$9.6 million in 2009).

See financial statements, page 55.

Sustainability

In February 2009 the ATN (Australian Technology Network) Universities committed to reducing scope 1 and 2 carbon emissions by 10% of 2007 levels by 2012/13 and 25% by 2020/21. Given UniSA's already strong achievements in reduction, our specific target is 6% by 2012/13 and 15% by 2020/21.

We emitted 25,412 tonnes of CO₂-e (scope 1 and 2) during 2009/10, an increase of 1.4% above the 2007 baseline year emissions; however, gross floor area increased by about 2.5% in the same period.

During 2010 we committed to a series of projects designed to ensure we achieve our interim 2012/13 reduction target.

Capital investment

During 2010, the University continued to improve and develop learning, teaching and research infrastructure on all campuses.

Mawson Institute Building

The new \$14 million Mawson Institute Building (Building V) at Mawson Lakes campus was completed and occupied by April. The design promotes interaction between each of the Institute's advanced engineering research groups to encourage innovative and leading-edge research that can move beyond the University into pre-commercialisation.

The building won the top prize for sustainable architecture at the 2010 Australian Institute of Architect's South Australian awards. Designed by Guida Moseley Brown Architects in association with Russell & Yelland Architects, Building V expresses both the fundamental principles of environmentally sustainable design and the innovative research of the Mawson Institute's advanced manufacturing research groups.

Materials and Minerals Science building

Construction started in April on the \$50 million Materials and Minerals Science building at Mawson Lakes campus, which will accommodate research teams from the Ian Wark Research Institute and the Mawson Institute as well as student learning and teaching facilities. The intent of the building is to underpin a nexus between learning, research and industry. Occupation is scheduled for February 2012.

City West learning centre

In August we secured \$30 million from the Commonwealth Government's Education Investment Fund towards the \$95 million Participate@UniSA project, which includes an \$85 million learning centre at the City West campus. The centre will be a state-of-the-art, eight-storey, five green star-rated building designed to enhance student learning experiences and services. A focus on a technology-rich environment and flexible learning spaces will support student-centred learning.

Project design started at the end of 2010 and occupation is planned for February 2014.

Upgrade of teaching and learning spaces

We are more than halfway through a four-year, \$15 million program to significantly upgrade teaching and learning facilities, including introducing innovative learning technologies.

By the end of 2010, the program has resulted in six new experiential learning spaces, the refurbishment of three 300-seat lecture theatres and the installation of lecture recording equipment in four lecture theatres, enabling students to access recorded lectures on demand.

Strategic planning: Horizon 2020

In 2010 we released our strategy for the next decade, *Horizon 2020*. Developed over six months and with input from students, staff and the University Council, *Horizon 2020* sets out an ambitious agenda and contains challenging goals for both research and teaching and learning.

We have already made a good start towards achieving those goals, as evidenced by our results in the Excellence in Research for Australia national research assessment exercise (report, page 16) and our strong rise in the QS World University Rankings.

Our clear vision for the next decade has helped us to attract senior academic and professional staff in an increasingly competitive international market.

Horizon 2020 ambitions and strategic directions

In 2020, UniSA will be defined by our:

- outstanding learning outcomes and the quality and richness of the student experience
- graduates' readiness for work, their adaptability and their contribution as global citizens
- commitment to equity and excellence, reinforcing each other in an environment characterised by uncompromising high standards
- strong nexus between teaching and research
- world-class research clusters and exciting, research-intensive culture
- innovative solutions to social, economic, political and technological challenges
- considerable and creative contribution to the prosperity and wellbeing of the nation
- agility and adaptability in building and maintaining productive partnerships with industry, business and the community
- high-performing staff and prestigious national and international partners

- enduring and mutually beneficial relationships with our global alumni
- strong sense of collective purpose.

Through our commitment to equity and excellence we will give Australia the benefit of the talent and determination that are at present untapped due to a student profile that is skewed towards economic and other advantages.

Achieving our ambitions

We will invest at least \$1 billion in additional infrastructure, initiatives and improved services to achieve our ambitions and support major institutional developments, including:

- consolidating our campuses to make better use of resources and strengthen services to students
- creating the UniSA College to assist more students to gain access to and succeed in our programs
- seeking to establish an innovative medical school that focuses on addressing the health needs of disadvantaged populations and complements our strong teaching and research in health-related disciplines
- building an imaginative physical and virtual infrastructure that promotes the social wellbeing and educational experience of all students, including a learning centre at the City West campus that integrates smart learning spaces, resources and student support services
- developing research infrastructure that underpins major growth in the number of research-productive staff and doctoral graduates.

Our success will ultimately be measured by the achievements of our graduates and staff and their contributions as innovators, thinkers, employers, employees, citizens of the world and leaders of society.

The full text of *Horizon 2020* is available on our website, at <http://www.unisa.edu.au/horizon2020/default.asp>

Indigenous Australians

We will demonstrate our commitment to Indigenous Australians in our educational curriculum, in improved graduate outcomes in a range of professions where Indigenous people are currently under-represented, and in our staffing profile, where Indigenous employees will be well represented among both academic and professional staff.



'To continue our progress towards the goals set in *Horizon 2020*, we will need to draw on the qualities that define UniSA – flexibility, responsiveness, strategic thinking, collegiality and the ability to work hard for what we believe in.'

– Professor Peter Høj, Vice Chancellor and President



Architect drawings of the planned learning centre at City West campus.

UniSA in the community

These events represent only part of UniSA's growing contribution to public life in South Australia.

UniSA's **Samstag Museum of Art** had a strong year, with more than 25,000 visitors, including about 70 school groups. The museum's website averaged about 7000 hits a month and there was increasing interest in its online educational resources. A highlight of 2010 was the securing of \$50,000 in state government funding through Arts SA towards the museum's 2010 and 2011 exhibitions program.

The **Tjungu: Learning Country** project – a partnership between the Anangu Pitjantjatjara Yankunytjatjara (APY) homelands, UniSA and Uniting Care Wesley – was one of eight national 'exemplars of social innovation' projects to receive a share of \$1 million in The Australian Centre for Social Innovation's Bold Ideas, Better Lives Challenge. The project will establish a microfinance enterprise fund to support social entrepreneurship on the APY Lands.



UniSA academic staff and students with international visitors at the University's AnTEP campus at Ernabella (Pukatja) on the APY Lands.

The **Hon Michael Kirby AC CMG**, former Justice of the High Court of Australia, launched the book *Courts and Judges on trial: analysing and managing the discourses of disapproval* by Dr Pamela Schulz, of the School of Communication, International Studies and Languages. He also gave a lecture to more than 200 people, including university and high school students, at the City West campus.



The Hon Michael Kirby, with Dr Pamela Schulz and Professor Peter Høj, Vice Chancellor and President.

Lectures

UniSA hosted an inspiring year-long program of public lectures, involving not only our leading academics, but also outstanding intellectuals from elsewhere in Australia and overseas.

The program included:

- **The 2010 Hawke Lecture** – 'Re-thinking Australian politics: engaging the disenchanted', Professor Geoff Gallop, Director of the Graduate School of Government, University of Sydney, and former Premier of Western Australia. The Hawke Lecture is the premier national event on the University's public calendar, delivered under the auspices of The Bob Hawke Prime Ministerial Centre.
- **The 3rd UniSA Nelson Mandela Lecture** – 'Is it necessary to love your neighbours? Living with radical diversities and the right to be oneself', Dr Ashis Nandy, right, Fellow, Centre for the Study of Developing Societies, India, and prominent international sociologist and political scientist. The lecture was jointly presented by the School of Law and The Bob Hawke Prime Ministerial Centre at UniSA and the Adelaide Festival Centre's OzAsia Festival. Dr Nandy also completed a month-long Fellowship with the Hawke Research Institute.
- **The 5th Anne Hawke Memorial Lecture** – 'The dangerous irrelevance of the asylum debate', Dr Lynn Arnold AO, Chief Executive of Anglicare SA and former Premier of South Australia.
- **The de Lissa Oration** – 'Literacy in the lives of young children', Professor Pauline Harris, The Lillian de Lissa Chair in Early Childhood (Research), UniSA.
- **The 2010 Edward Said Memorial Masterclass** – Given by Tariq Ali, internationally acclaimed historian, writer and commentator. The event was jointly hosted by UniSA's Hawke Research Institute and the School of History and Politics, Adelaide University.



- UniSA's **Knowledge Works** series of 10 lectures focuses on our world-class research in action. Lecturers during 2010 were **Dr Gabrielle Todd**, Senior Research Fellow, School of Pharmacy and Medical Sciences; **Professor Andrew Parfitt**, Pro Vice Chancellor and Vice President: Information Technology, Engineering and the Environment; **Professor Jill Slay**, Professor of Forensic Computing, School of Computer and Information Science, with **Detective Senior Sergeant Barry Blundell**, SAPOL; **Professor Steffen Lehmann**, Professor of Sustainable Design and Director: Zero Waste SA Research Centre for Sustainable Design and Behaviour; **Professor Allan Evans**, Pro Vice Chancellor and Vice President: Health Sciences; **Professor David Parker**, Professor of Property, School of Commerce; **Professor Carol Kulik**, Research Professor of Human Resource Management and Director of the Centre for Human Resource Management; **Professor Trevor Gale**, Director of the National Centre for Student Equity in Higher Education; **Professor Byron Sharp**, Director of the Ehrenberg-Bass Institute for Marketing Science; and **Professor Rob Short**, Director, Mawson Institute.

Programs

Rural Reconnect is a new program designed to encourage greater participation, retention and achievement of rural and isolated students in higher education. It provides a five-step awareness and orientation program. Rural Reconnect is a positive way of engaging with a large community of rural and isolated students, their educators, school counsellors and rural families. The program is complemented by the John and Johan Høj Rural Reconnect Scholarships, which were established with a personal gift from Vice Chancellor Professor Peter Høj. The scholarships help students from rural and isolated areas to fund the costs of relocating to the city to study.

UniSA's **UniCamps** program at Whyalla is a week-long university experience program that aims to boost educational aspirations among young people in remote Indigenous communities. Run in partnership with Spencer Gulf Rural Health School, the program gives Indigenous students an authentic and supported experience of university life. It brings them to the Whyalla campus for a week-long intensive program to explore different

pathways to tertiary study, get information about courses and programs, and practise the skills they'll need to succeed at university.



Students from Mimili in the APY Lands taking part in UniCamps.

Sponsorships

We were proud to celebrate our tenth year of sponsorship of the Australian cycling team in the 2010 **Tour Down Under**, below. The Tour, attended by more than 750,000 people, is the state's largest and most successful sporting event.



We also became a major partner of the **Adelaide Festival** during its 50th anniversary year. We sponsored two key visual arts events: the Adelaide International exhibition and the Artists' Week program. The sponsorship acknowledges the special relationship between UniSA and the Adelaide Festival, and enhances the University's national cultural identity and its reputation for innovation and community engagement. As part of the partnership, international artists, writers and academics presented a series of master-classes and workshops for the University's students. Internationally renowned artists who gave master-classes included German film-makers Nina Fischer and Maroan el Sani, Dutch internet expert Dr Geert Lovink, and visionary American thinker and writer, Professor Michael Taussig.

For the second year we sponsored the **Australian HPV (human-powered vehicle) Super Series**, which involved schools across the state participating in three races.

We also became the main sponsor for the **South Australian Debating Association's Schools' Competition**. The long-running competition provides about 1000 students in years 7 to 12 from 30 schools with a challenging and rewarding extracurricular activity. As part of the sponsorship, we hosted information and training sessions as well as the competition finals.

Excellence in Research for Australia

In recognising UniSA's achievements in research, the 2010 Excellence in Research for Australia (ERA) assessment has confirmed that we are on target to meet our ambitious goals for the next decade as outlined in *Horizon 2020*.

Our emphasis on building research performance has paid dividends: ERA assessed about 70% of our research disciplines submitted for evaluation as at or above 'world-class' standard. This is a ringing endorsement of our research-active staff, who work across all our academic divisions and research institutes.

ERA gave our research in Chemical Sciences its top rating of five (outstanding performance well above world standard). The University of Queensland was the only other institution to achieve this rating in Chemical Sciences. The result confirms that our institutes including The Wark™ and the Mawson Institute are producing outstanding research.

We are performing at or above world-class in these areas:

- Accounting, Auditing and Accountability
- Built Environment and Design, including Urban and Regional Planning
- Business and Management
- Chemical Sciences, including Physical Chemistry
- Education Systems
- Engineering, including Electrical and Electronic Engineering, Materials Engineering, Resources Engineering and Extractive Metallurgy, and Chemical and Civil Engineering
- Environmental Sciences, including Environmental Science and Management
- Historical Studies
- Language, Communication and Culture, including Cultural Studies and Linguistics
- Law
- Mathematical Sciences, including Pure and Applied Mathematics
- Medical and Health Sciences, including Nursing, Nutrition and Dietetics, Pharmacology and Pharmaceutical Sciences, Medical Physiology, Public Health and Health Services
- Social Work
- Studies in Creative Arts and Writing, including Visual Arts and Crafts
- Tourism.

The 2010 ERA assessment was based on research produced mainly between 2003 and 2008, when UniSA was only 12 to 17 years old and starting to develop as a research university. There is a clear link between institutional age and performance in ERA, as it requires significant time to build research capacity and research excellence.

It is important for Australia that several younger universities, including most of the Australian Technology Network (ATN) of Universities, of which we are a member, performed well above what would be expected from their age.

About Excellence in Research for Australia 2010

In 2010 the Australian Research Council ran the first full Excellence in Research for Australia (ERA) evaluation of research performance in all Australian universities.

ERA is an Australian Government initiative to assess the research quality of the nation's higher education institutions against Australian and world benchmarks. Institutions are evaluated using a combination of research performance indicators and review by committees comprising experienced, internationally recognised experts.

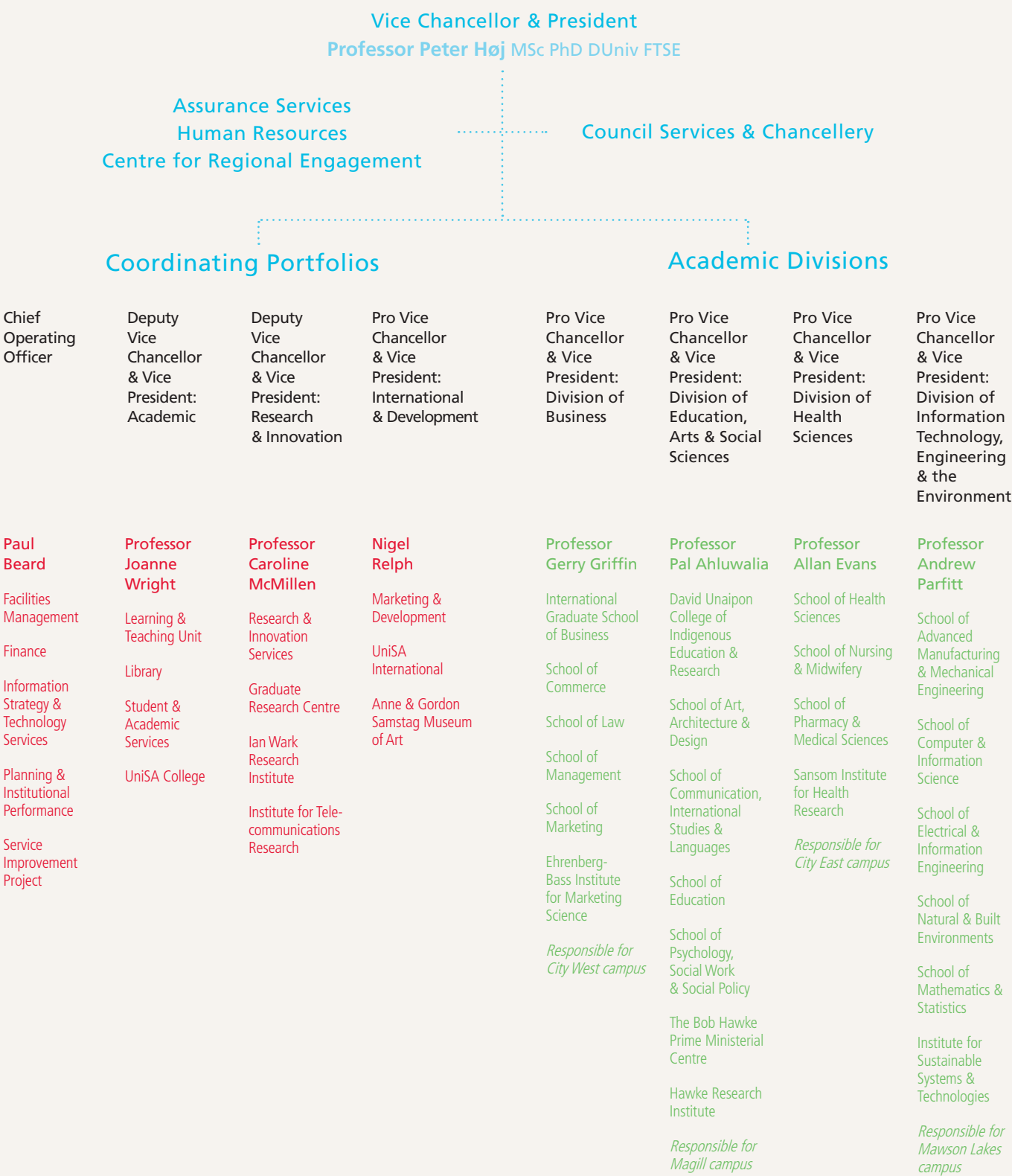
During the past five years we have had increasing success in research performance. The highlights include:

- We have attracted world-class researchers from institutions such as Oxford and Cambridge, the University of London, the Max Planck Institute of Colloids and Interfaces, the University of Melbourne, the University of California, Berkeley and the Colorado State University to establish and build on existing strengths in key disciplines
- Since 2009 our academics have been awarded eight Australian Research Council (ARC) Future Fellowships, a National Health and Medical Research Council (NHMRC) Australia Fellowship and an NHMRC Senior Principal Research Fellowship
- In 2010 our researchers won an \$8.19 million NHMRC Program Grant to investigate diabetes and cardiovascular disease in Indigenous populations and a \$4.9 million Australian Space Research Program grant to transmit data from field instruments to researchers live via satellite
- Also in 2010, the Cooperative Research Centre (CRC) for Contamination Assessment and Remediation of the Environment, based at UniSA, was awarded \$29 million for a second nine-year term
- Federal and state governments have awarded the University \$45 million for a Materials and Minerals Science Learning and Research Hub at our Mawson Lakes campus, and more than \$13 million to support research centres of national importance in the humanities and social sciences, including the International Centre for Muslim and non-Muslim Understanding, the National Centre for Student Equity in Higher Education and the Australian Centre for Child Protection
- In 2009 we were ranked in the top five Australian universities for federal funding awarded to support Cooperative Research Centres
- We have more than 1100 PhD students, with about 75% working in our six research institutes and 14 research centres and engaging with a wide range of industry and end-user partners.



The heart of Magill campus: gateway to student services including Campus Central and the Learning and Teaching Unit.

Senior academic and administration structure



Teaching and learning

During 2010 the University continued building and preparing for a more competitive student recruitment environment and the Commonwealth Government's proposed new quality standards. We established the UniSA College to aid recruitment and reworked the teaching and learning committee infrastructure to make accountability and responsibility for standards and quality clearer.

Personal learning environment

The University's \$9.75 million personal learning environment project, which started in 2009, aims to build the capacity and flexibility to meet standard as well as cutting-edge teaching and learning activities over two years. The project is building a fully integrated environment that is rich in digital learning facilities, resources and services, including podcasts, wikis, and instant messaging, that are available to students and staff in a personalised way.

In 2010 a key element of the project, the student placement system, became operational. Learnonline, a new learning management system, has become partially operational and the final component, a program and course management system, will become operational in mid-2011. Both staff and students have embraced Learnonline, and its development and implementation have run well ahead of schedule.

Educational research

Two Australian Learning and Teaching Council (ALTC) funded projects led by UniSA and with a combined value of more than \$500,000 were completed in 2010. 'Preparing academics to teach in higher education' produced a framework for university teaching programs. Led by Professor Margaret Hicks, the project was well supported by the Australian higher education sector and involved 26 staff across 19 universities. Associate Professor Gavin Sanderson's project, 'Moderation for fair assessment in transnational learning and teaching', identified and promoted good practice in processes associated with moderation of assessment from quality assurance and control points of view.

Student experience

As a result of a review we commissioned into the student experience at UniSA, we are instituting a program of cultural and social events to engage students in campus life, at the same time as ensuring that students have time to participate. This program is part of a new whole-of-university approach to the student experience, called ExperiencePlus.



After reviewing performance across a range of teaching and learning measures we have prioritised improving teaching and learning, employability, the student experience and retention as the four overarching goals of an Interim Teaching and Learning Action Plan.

Australian Higher Education graduation statement

During 2009 and 2010, UniSA was one of a consortium of universities involved in the Commonwealth Government-funded Australian Higher Education (AHE) Graduation Statement project. The project developed an agreed format for a graduation statement that describes the qualification and the context in which it was awarded in language that is easily understood. It will improve the ability of students and academics to move for work and the transparency and transferability of qualifications. We gave out the first of our AHE graduation statements at the December graduation ceremony.

UniSA College

Throughout 2010 we focused on developing UniSA College, which will create pathways for more South Australians to enter tertiary education. The college, to open in 2011, will help in meeting the Commonwealth Government's targets for increased participation and attainment of students in higher education. It will raise awareness in the community, particularly in schools, about tertiary opportunities, especially among people who may not have considered university study as an option. It will support students to achieve their potential through a supportive teaching model that builds confidence and competency to prepare them for degree-level study.

UniSA College will offer pre-degree and pathway programs for Australian students. It will implement the University's Participation Strategy, which is aimed at increasing the number of students of low socio-economic background, and will bring

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together the strategy's goals of raising awareness, increasing access and supporting achievement. During 2010 the College managed two special projects, both funded by the Department of Education, Employment and Workplace Relations (DEEWR): Student Employability Skills and Community Service, and Aspirations. We will continue to pursue additional external funding to operate related projects.

Teaching and Learning Committee restructure

During 2010 we adjusted the terms of reference of the Teaching and Learning Committee, a subcommittee of the Academic Board, to better align them with the University's strategic objectives and position the committee to respond to the changing external environment and demands of students.

A new Student Experience Committee, a subcommittee of the Academic Board, will be introduced in 2011 to improve information flows and accountabilities in this area. Further, a new Student Recruitment Advisory Group and, from 2012, the introduction of a Quality Assurance and Academic Standards Committee will strengthen academic regulations and quality assurance with clear and consistent standards.

ALTC awards and grants

The University continued to enjoy national recognition for innovation and achievements in teaching and learning.

Our total income from ALTC learning and teaching awards, grants and fellowships for 2010 was \$870,000. (See full list of 2010 ALTC award recipients, below.)

Eighteen staff were awarded with seven ALTC Citations (valued at \$10,000 each) for Outstanding Contributions to Student Learning. Associate Professor Betty Leask won one of only three National Teaching Fellowships (\$340,000); her award will focus on internationalisation of the curriculum in practice.

Despite increased competition for limited ALTC grant funding, the University had three successful grant applications, worth a combined \$460,000. The projects will investigate the role played by academic boards in teaching and learning, academic integrity standards and collaborative building design education.

Student mobility

In 2010 there was a 33% increase in the number of students participating in international study opportunities, with 377 students receiving University funding support for a range of international experiences, including semester and short-term exchanges and study tours. In addition to supporting these programs with funding, the University secured \$379,000 of Endeavour Student Exchange Scholarship funding from DEEWR to support 50 outbound and 24 inbound undergraduate students and six staff travel subsidies for the 2010 academic year. This was the highest amount of Endeavour funding awarded to a South Australian university in 2010.

Research

During the past five years the University's research performance has grown at a higher than national rate, and in 2010 we continued to deliver high quality and high impact research. The year was dominated by preparing our submission to the Excellence in Research for Australia (ERA) exercise, in which the Australian Research Council (ARC) assessed the world standing of research disciplinary areas in all the nation's universities (report, page 16).

Building capacity

In 2010 we continued to focus on the attraction and retention of research-active academic staff at all levels. We supported the recruitment and development of early- and mid-career staff through two successful programs: Early Career Research and Research Leadership Development.

We also supported an increase in applications and development support for externally funded fellows, including the prestigious ARC Future Fellowships and National Health and Medical Research Council (NHMRC) Training and Career Development Awards and Research Fellowships. By the end of the year we had built a cohort of 27 research fellows funded in nationally competitive fellowship schemes.

Building world-class research concentrations

UniSA has strong aspirations for the development of our six supported research institutes and 14 research centres. During 2010 we implemented the strategic and operational framework for our research concentration strategy, ReNEW. We prepared customised research performance dashboards – which provide data on research capacity, activity, intensity, efficiency and quality – for each institute and centre.

More than 80% of UniSA's total research income and more than 90% of our Australian competitive grant income was earned in our research institutes and centres.

Building international partnerships

In 2010 we mapped the number, strength and location of our key international research collaborations, which showed we are engaged in more than 500 collaborations across 45 countries.

We then developed an Internationalisation of Research Framework, which outlines key objectives and strategies to enhance the international dimensions and performance of our research and research education activities. This was critical in framing the global research aspirations expressed in our strategic planning document, *Horizon 2020*, and in shaping our lead strategies for the development of first-class international partnerships.

Training and education

Our new Graduate Research Centre (GRC) was established in 2010 by bringing together the Graduate Studies Office and the Research Education and Training team from Research and Innovation Services. The GRC is responsible for all issues related to research degrees across the study cycle of the research student, from recruitment to examination and graduation.

In 2010 we had more than 1100 PhD students, including over 400 international students from 62 countries. More than 75% of these students were working in research institutes and centres and many were engaged in projects supported by a wide range of industry and end-user partners. In October, Professor Philip Weinstein, a leading environmental health researcher, was appointed as Dean of Graduate Studies and head of the GRC.

A new governance framework for integrity, accountability and compliance

During 2010, we developed a framework for the responsible conduct of research, to ensure that University policies and procedures comply with the Australian Code for the Responsible Conduct of Research. We initiated a three-level human ethics assessment, supported by the appointment of research ethics advisors in each academic division and the implementation of a new online ethics information system.

Professor Warwick Anderson, Chief Executive of the NHMRC, launched the system. The new operational framework was supported by University-wide education and communication campaigns promoting a research culture that emphasises the responsibilities and accountabilities associated with high quality research.

Highlights

Our total research income in 2010 was about \$58 million. Of this, \$16.5 million was Category 1 grant funding, almost double the 2005 figure of \$8.4 million. The number of weighted publications per full-time-equivalent academic staff in 2009 was 1.29, which was 50% higher than our average output between 2003 and 2008.

A team led by Professor Kerin O'Dea AO and colleagues in UniSA's Sansom Institute and the University of Melbourne was awarded an \$8.19 million NHMRC Program Grant, 'Improving chronic disease outcomes for Indigenous Australians: causes, interventions, system change' (report, page 33).

The Institute for Telecommunications Research secured a \$4.9 million Australian Space Research Program grant to develop a new satellite-based wireless sensor network,

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Teaching awards

The Australian Learning and Teaching Council (ALTC) recognised the following staff in 2010 for excellence in teaching:

ALTC National Teaching Fellowship

Associate Professor Betty Leask

ALTC Citations for Outstanding Contributions to Student Learning

Peter Balan

David Blaiklock

Dr Sharon Russo and the Early Childhood Education – Transnational Teaching Team

Dr Malgorzata Korolkiewicz

Associate Professor Rosie Le Cornu

Dr Jackie O'Flaherty

Dr Denise Wood



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which will improve Australia's capacity to collect information that is vital for industry, defence, the environment and national security.

The University was ranked fifth in Australia for federal funding received to support Cooperative Research Centres (CRCs), and was a key partner in 10 CRCs, highlighting the strong engagement of UniSA researchers with government, industry and business.

In the 2010 national CRC application round, the Commonwealth Government awarded the UniSA-led CRC for Contamination Assessment and Remediation of the Environment, based at the University, \$29 million for a further nine years to focus on the development of remediation technologies.

We were delighted that during 2010 the federal and state governments provided more than \$6.3 million to continue supporting UniSA research centres of national importance in the humanities and social sciences, including the International Centre for Muslim and non-Muslim Understanding, the National Centre for Student Equity in Higher Education and the Australian Centre for Child Protection.

Research fellowships

Four of our researchers received highly prestigious ARC Future Fellowships. They are Dr David Beattie, Ian Wark Research Institute; Dr Margaret Cargo, Division of Health Sciences; and Associate Professor Enzo Lombi and Dr Krasimir Vasilev, from the Division of Information Technology, Engineering and the Environment.

Another four leading university researchers from the Division of Health Sciences were awarded NHMRC Fellowships worth a total of \$1.6 million. Professor Michael Roberts, Research Chair: Therapeutics and Pharmaceutical Science, was named as an NHMRC Senior Principal Research Fellow and Professor Robyn McDermott, Professor of Public Health and Director: SA NT DataLink, was awarded an NHMRC Practitioner Fellowship. Dr Kylie Johnston, School of Health Sciences, was awarded a Translating Research into Practice Fellowship, and Dr Roger Yazbek was awarded a Post-Doctoral Training Fellowship. (See full list of 2010 ARC and NHMRC grant recipients, below.)

Research grants

The following staff were awarded National Health and Medical Research Council (NHMRC) and Australian Research Council (ARC) grants in 2010:

NHMRC Program Grant

Lead investigator:
Professor Kerin O'Dea

NHMRC Project Grants

Lead investigators:
Dr Ravinder Anand-Ivell
Dr Jennifer Keogh
Associate Professor Marie Williams
Professor Cory Xian

NHMRC Development Grant

Lead investigator:
Professor Hans Griesser

ARC Discovery Grants

Lead investigators:
Associate Professor Jiuyong Li
Associate Professor Enzo Lombi

Professor Thomas Nann
Professor Timothy S Olds
Professor Barbara Pocock
Dr Rossen Sedev
Professor Dayang Wang

ARC Discovery Indigenous Researchers Development Grant

Lead investigator:
Lewis W O'Brien

ARC Linkage Grants

Lead investigators:
Dr Amie R Albrecht
Professor Simon C Beecham
Professor Marie Brennan
Dr Sharon Casey
Professor Namita R Choudhury
Dr Alison Coates
Associate Professor Daniel Fornasiero
Professor Karen A Grimmer-Somers

Dr Viv E Perry
Professor Barbara Pocock
Dr Anna M Sullivan
Associate Professor George Zillante

NHMRC Fellowships

Senior Principal Research Fellowship
Professor Michael Roberts

Practitioner Fellowship
Professor Robyn McDermott

Training Fellowship
Dr Roger Yazbek

Translating Research into Practice (TRIP) Fellowship
Dr Kylie Johnston

ARC Future Fellowships

Dr David A Beattie
Dr Margaret Cargo
Associate Professor Enzo Lombi
Dr Krasimir A Vasilev

Development

Scholarship highlights

In 2010 the University had another year of strong support from donors and corporate supporters. We have more than \$9 million in accumulated funds for scholarships and other philanthropic projects, and during 2010 we distributed about \$700,000 to support scholarships, awards, research and facilities.

We award Samstag Scholarships on behalf of Gordon Samstag's Trustee in the United States. Renowned as golden passports to professional success in the visual arts and for identifying artists of exciting talent who progress to careers of high achievement, the scholarships are announced in September for the following year. The 2011 Samstag Scholarship recipients are Bridget Currie, a graduate of the South Australian School of Art, and Christian Capurro, a Melbourne-based artist. There are now 122 Samstag Scholarship alumni.

The inaugural Australia Council for the Arts and Anne & Gordon Samstag ISCP (International Studio and Curatorial Program) Residencies were awarded to Benjamin Armstrong and Alex Kershaw. The residencies are offered to Australian artists through a partnership between the University and the Australia Council for the Arts.

More than \$56,000 was raised for the Gavin Wanganeen Indigenous Scholarship from May 2010, when the appeal was relaunched, to December. The appeal has raised more than \$228,000 since its inception in 2004. The scholarship was created to support financially or educationally disadvantaged Indigenous Australians enrolled in a UniSA undergraduate degree. Five scholarship recipients have graduated and another two are undertaking programs. The appeal has now raised enough money to award a new scholarship each year until 2017.

International relations

During 2010 we coordinated and hosted 48 international delegations, with most visits originating in China, Malaysia, Vietnam and Indonesia. These visits are a vital source of international interaction and play a key role in the development of strategic international partnerships.

A highlight was the visit from Jeffrey Bleich, United States Ambassador to Australia, as part of the US Embassy's educational outreach activities. The Ambassador spoke to a small group of senior staff and leading researchers, and then discussed Australia-US relations, career development and international relations with students from the Global Experience and Hawke Ambassador programs.

Centre for Regional Engagement

The Centre for Regional Engagement (CRE) is based at the Whyalla campus and the Mount Gambier Regional Centre, and provides undergraduate and postgraduate degree programs designed to meet the needs of rural and regional communities. The CRE offers programs in business and regional enterprise, nursing and rural health, social work and rural practice, engineering, and foundation studies.

During 2010 the CRE hosted the Beyond Periphery Symposium, which investigated new ways of addressing regional development challenges in sparsely populated areas. More than 70 academics and policy makers from Alaska, Australia, Austria, Canada, Denmark, Germany, Norway, Scotland and Sweden visited the Whyalla campus to discuss issues common to remote areas across the world.

We have partnerships and agreements with institutions and government bodies in more than 30 countries. In 2010, we entered into 11 new international memorandums of understanding and three new international exchange agreements with universities. These formal partnerships play a key role in ensuring our activities are informed by intercultural and global perspectives.

Alumni

In 2010 we had 153,956 alumni around the world, supported by four international chapters in Hong Kong, Singapore, Malaysia and Taiwan, and a combined South Australian university chapter in the United Kingdom. There are also smaller groups active in Indonesia and China, and specialised networks in South Australia. These groups offer professional and social events, as well as access to benefits and opportunities across the University.

Highlights of international activity in 2010 included the BMW Tour and 'Emotional intelligence' seminar in Malaysia; 'How brands grow' and 'Opportunities in the current stock market' seminars in Singapore; 'Chinese wisdom and modern management' presentation at the Doctoral Dinner in Hong Kong and the Uncorked – Tasting the Wines of South Australia annual event in the United Kingdom. In South Australia we held two 'Alumni career management' seminar series and distributed to alumni the second edition of *Blue Pages*, a comprehensive guide to alumni events and benefits.

Division of Health Sciences

The Division of Health Sciences advances the health and wellbeing of our community through modern teaching and research in a range of health and medical sciences and the health professions.

In 2010 the Division experienced continued growth in both its teaching and research activities. We also announced plans to establish a fourth school, the School of Population Health, to add to our three well-established schools: Nursing and Midwifery, Health Sciences, and Pharmacy and Medical Sciences.

Key appointments

We made several senior appointments during 2010, including:

- Professor Jason White as Head of the School of Pharmacy and Medical Sciences. Jason has extensive research expertise in the pharmacology of drug dependence and therapies to treat dependence
- Professor Nicholas Procter to the new position of Chair of Mental Health Nursing, a joint initiative between SA Health and UniSA. In his new role he led an innovative Risk Roundtable, which brought together 21 leaders in mental health to develop a research agenda to find better strategies for mental illness and mental health-related crises
- Professor Roger Eston as Head of the School of Health Sciences, commencing in 2011. Roger is a highly acclaimed educator and researcher in the areas of sports science and exercise physiology
- Professor Howard Morris as Professor in Medical Sciences. As a former Director of the Hanson Institute, the largest medical research institute in South Australia, he brings to UniSA enormous experience and leadership in medical research, particularly in the area of bone physiology
- Professor Esther May to the new role of Dean of Health and Clinical Education, with responsibility for initiatives in inter-professional learning (on campus and in innovative primary care practice environments), developing new simulation facilities to support clinical education and coordinating activities to improve the campus and online experiences of students
- Professor Lorimer Moseley as Professor of Clinical Neurosciences and Chair in Physiotherapy, commencing

in 2011. Lorimer is an international expert on the management of persistent pain and conducts leading-edge research into how the mind interacts with the body

- Dr Gabrielle Todd, Australian Institute of Policy and Science South Australian Young Tall Poppy of the Year 2010, as a Senior Research Fellow in the School of Pharmacy and Medical Sciences.

Teaching and learning

As part of an alliance in medical and health education between UniSA and the Australian National University (ANU), 35 students from the Division participated in study tours of Canberra and the ANU. A key feature of this alliance is a new Bachelor of Medical Science degree, which had its first intake in 2010. UniSA medical science students can choose to study at ANU for part of their program, broadening their subject choices and obtaining a co-badged degree. They are then able to compete for places in the ANU medical program.

Our new Pharmacy Post-Graduate Education Unit had its first intake of pharmacy interns in 2010. The unit is part of our partnership with three of Australia's leading pharmacy schools – Monash University, University of Queensland and University of Sydney – which led to the formation of the National Alliance in Pharmacy Education in 2010.

We also established a state-of-the-art human nutrition hub, including teaching and research facilities for the sensory analysis of foods.

The School of Nursing and Midwifery completed the redevelopment of its practice-based laboratories to better replicate the environment of hospitals and other health services. These include a simulated midwifery and paediatric unit, medical unit, day surgery and recovery unit, emergency department, critical care unit and surgical unit, as well as a simulated community-based clinic and home-visit scenario. Students behave as they would in a hospital, with each area operating as a ward or unit, facilitated by working clinicians who are experts in their field.

Research

One of the most significant achievements in 2010 was the announcement of UniSA's first NHMRC Program Grant, valued at \$8.19 million. The project team, led by Professor Kerin O'Dea AO, is working with Indigenous partners to better understand the development of chronic diseases in Indigenous communities. (Report, page 33.)



Dr Gabrielle Todd, South Australian Young Tall Poppy of the Year, using a Magstim – a machine that stimulates the brain to generate movement – on her PhD student Stan Flavel. Gabrielle investigates brain control of movement and disorders such as Parkinson's disease.

The Division was also awarded three ARC grants worth a total of \$752,000, three ARC grants with partner institutions (\$1.07 million), four NHMRC Project Grants (\$1.49 million), and 10 Project Grants with partner institutions (\$7 million). We have 18 externally funded Fellows, including Professor Michael Roberts, recipient of the NHMRC Senior Principal

Research Fellowship, the only NHMRC Pharmacy Senior Principal Fellow in Australia.

The Department of Veterans' Affairs extended the Quality Use of Medicines and Pharmacy Research Centre MATES (Medicines Advice and Therapeutics Education Services) Program. Led by Professor Andrew Gilbert and Associate Professor Libby Roughead, the program aims to improve medication use and health outcomes for veterans.

Community engagement

Several of the Division's staff were appointed to key roles in external organisations. They included:

- Professor Robyn McDermott to the NHMRC Academy
- Dr Emma Parkinson-Lawrence as President-elect of the Australian Society for Medical Research.

The University is a partner in the Adelaide Unicare consortium, which won a \$5 million Commonwealth bid to build a medical teaching and training facility next to the Playford North GP SuperClinic in northern Adelaide.

Under a new Health Workforce Australia funding program, a consortium of training providers led by UniSA will deliver more places for students in a range of disciplines, as well as increase clinical placement days, during the next three years. The disciplines include radiation science, podiatry, physiotherapy, pharmacy, nursing and dietetics. The consortium, the Health Education Network of Northern Adelaide, also includes six health service providers, a local government agency and the University of Adelaide.

The Australian Institute of Food Science and Technology awarded Associate Professor Stuart Andrews its 2010 Keith Farrer Award of Merit, for outstanding achievements in and contributions to food science and technology in the areas of research, industry and education.

Division of Education, Arts and Social Sciences

The Division of Education, Arts and Social Sciences has programs across a wide range of the arts, humanities and social sciences, focusing on applied research and professional education in a range of disciplines.

The Division had a year of consolidation with a strong financial performance, which will allow us to direct funds into appointing staff and improving facilities.

We conducted a review of our largest school, the School of Education, to better position it both nationally and internationally.

Key appointments

As a result of a major international recruitment drive, we appointed several key academics in 2010 including:

- Professor Marianne Berry as Director of the Australian Centre for Child Protection (report, page 39)
- Professor Steffen Lehmann as Professor of Sustainable Design and Behaviour, and Director of the Zero Waste SA Research Centre for Sustainable Design and Behaviour
- Professor Salman Sayyid as Director of the International Centre for Muslim and non-Muslim Understanding
- Professor Pauline Harris as The Lillian de Lissa Chair in Early Childhood
- Professor Geraldine Castleton as Dean and Head of School: Education (commenced January 2011).

Teaching and learning

Evidence of our commitment to improving the student experience included:

- continued growth in student applications and enrolments, with the tertiary entrance ranking (TER) cut-off point for many of our programs at the highest-ever level, reflecting strong demand and high student quality
- an increase of 308 students (8%) in first preferences
- an increase of 13% in student satisfaction.

As part of our commitment to developing responsive, industry-specific graduates, several new undergraduate programs started in 2010. They included a Bachelor of Arts, Bachelor of Journalism/Bachelor of Arts (Writing and Creative Communication) and Bachelor of Laws/Bachelor of Arts.

New postgraduate degrees included a Graduate Diploma in Sustainable Design, Master of Teaching (Early Childhood) and Master of Teaching (Primary and Middle).

The Australian Learning and Teaching Council (ALTC) recognised several of our staff for excellence in teaching during 2010 (report, page 19).

Research

We had outstanding achievements in research and research education, including:

- continued strong growth in research income from Category 1–4 sources, representing a quadrupling of income from 2005
- a record 48 higher degree by research completions.

It is pleasing to see the continued success in the Australian Research Council (ARC) grant schemes, including the ARC Discovery Indigenous Researchers Development Grant.

During the year we continued to conduct contract research and consultancies, with an emphasis on the application of knowledge in collaboration with government, industry, the professions and community groups. Among our major partners in 2010 were Zero Waste SA; the Cooperative Research Centre (CRC) for Rail Innovation; the Department of Education, Employment and Workplace Relations; and the Department of the Premier and Cabinet.

Community engagement

Our staff engaged with national and international researchers and academics through the year. For example, the David Unaipon College of Indigenous Education and Research presented a symposium, 'The 2007 Declaration on the Rights of Indigenous Peoples – Indigenous survival: where to from here?', featuring prominent indigenous speakers from around the world, including American Indian activist Russell Means.

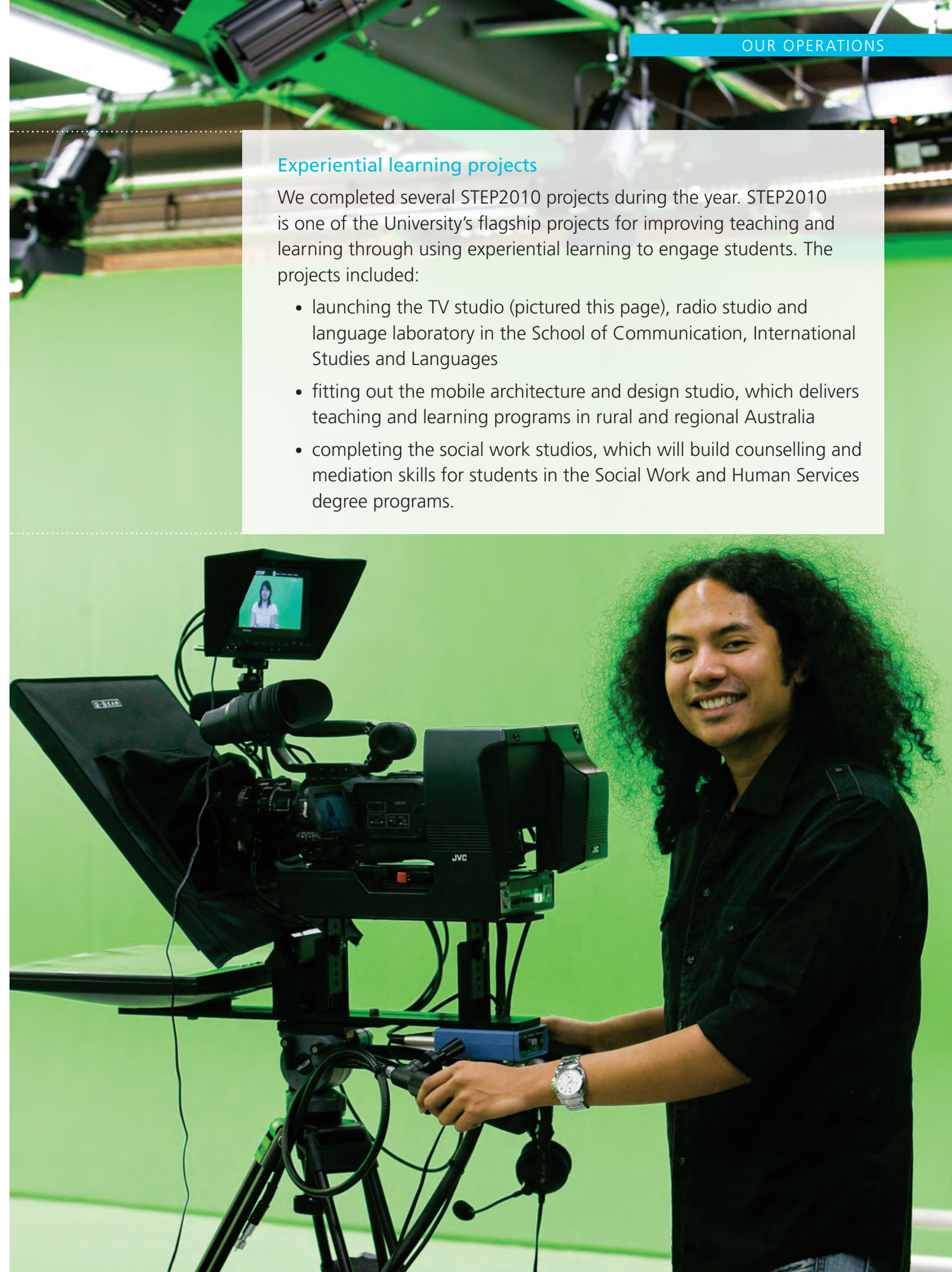
The Hawke Research Institute demonstrated its capacity to play a broader role at the University through about 40 public forums and 12 exhibitions during 2010. Likewise, the Bob Hawke Prime Ministerial Centre maintains many external partnerships with government and non-government entities, and hosted excellent forums and exhibitions through the year.

Staff and students of the School of Art, Architecture and Design (AAD) were involved in Adelaide Festival exhibitions and installations, symposiums, seminars and workshops as part of the University's sponsorship of the Festival's visual arts program (report, page 15).

Experiential learning projects

We completed several STEP2010 projects during the year. STEP2010 is one of the University's flagship projects for improving teaching and learning through using experiential learning to engage students. The projects included:

- launching the TV studio (pictured this page), radio studio and language laboratory in the School of Communication, International Studies and Languages
- fitting out the mobile architecture and design studio, which delivers teaching and learning programs in rural and regional Australia
- completing the social work studios, which will build counselling and mediation skills for students in the Social Work and Human Services degree programs.



Division of Information Technology, Engineering and the Environment

The Division of Information Technology, Engineering and the Environment offers educational and research programs in a range of disciplines: Built Environment; Civil Aviation; Computer and Information Technology; Engineering; Environmental Management and Sustainability; Project Management; and Science and Mathematics.

During 2010, the Division of Information Technology, Engineering and the Environment continued to develop its research strength, as well as research income, while maintaining enrolment numbers in a challenging environment. Domestic enrolments compensated for the anticipated decline in fee-paying overseas students. We undertook a comprehensive service improvement project to review administrative processes across the division and as a result put in place a new administrative structure by the end of the year.

Key appointments

Our senior appointments during 2010 included:

- Professor Nanda Nandagopal, who has been seconded to UniSA from the Australian Defence Science and Technology Organisation (DSTO) for two years as Chair in Defence Systems
- Professor Anthony Finn, who joined the Defence and Systems Institute as Professor of Autonomous Systems. Anthony was formerly with DSTO.

Teaching and learning

During 2010 the Division joined with the Australian National University (ANU) to launch a new Master of Engineering Practice program, which aims to give experienced engineering staff an advanced systems engineering perspective on complex systems, including environmental systems. The program complements collaborative work with the ANU in engineering internships and the development of models for sharing undergraduate curriculum and teaching in areas of specialisation using mixed delivery modes.

About 2000 people – prospective students, their families and the local community – attended the University's inaugural Festival of Innovation on 29 August at the Mawson Lakes campus. The aim of the festival was to showcase the range of education programs and research activities available at Mawson Lakes. The day was well supported by industry: among the organisations represented were BAE Systems, Codan Limited, OneSteel, Surveying SA, City of Salisbury, Air Warfare Destroyer Alliance and Australian Defence Force Recruiting. We plan several improvements for future festivals and hope the event will grow.

The Division's new Experiential Learning Laboratory at City East campus was opened in March. The hi-tech lab has seven interactive IT pods around which students can work and collaborate, providing innovative options for both teaching and learning.

We held a function in June at the Experience 1 Studio, Mawson Lakes campus, to acknowledge the engineering scholarship sponsorship of Codan, Consult Australia and Lockheed Martin. The scholarships include both high achiever prizes, for second year students, and transition scholarships, which aim to help first year students make the transition to tertiary education.

Research

As noted on page 2, the Commonwealth Government awarded CRC CARE \$29 million in December. UniSA's major contribution to CRC CARE is through the Centre for Environmental Risk Assessment and Remediation, which also celebrated the award of a new ARC Discovery Grant of \$300,000 and its first Future Fellow in Associate Professor Enzo Lombi.

Our research on surface engineering by microplasma advanced significantly in 2010. The Mawson Institute and Ian Wark

Research Institute, with partners at Flinders University, University of Liverpool and University of Illinois, are exploring applications of microplasma technology for high-throughput screening that could be used for the early detection of disease and monitoring of wound healing. This research aligns with the Wound Management Innovation Cooperative Research Centre program led by the Mawson Institute, where plasma technology is being used to develop the next generation of wound dressings, which promote healing. Surface engineering by microplasma has attracted competitive grant funding of more than \$3 million, with \$1.5 million of that being awarded to UniSA.

Research funding gained by Division researchers in 2010 included:

- an additional \$960,000 for research on plastic mirrors, in partnership with SMR Automotive Australia, through the Auto CRC
- an ARC linkage grant of \$896,251 over three years for 'Materials engineering solutions for tomorrow's water resources'. The partner or collaborating organisations are SA Water, the Australian Water Quality Centre, the State Government and United Water International
- an ARC Discovery Grant of \$191,000 for 'Composite conductive electrodes for low energy desalination', in conjunction with the SA Water Centre for Water Management and Reuse
- in conjunction with researchers from the Ian Wark Research Institute, an NHMRC Project Grant of \$686,250 over three years for 'Chemokine gradients for directed migration of captured cells and guidance of tissue engineering'
- a National Drug Law Enforcement Research Fund Category 1 grant of \$270,000 over two years to look at mobile phone forensics.

Dr Ming Liu, of the Institute for Sustainable Systems and Technologies, has secured one of three prestigious fellowships from the Australian Solar Institute. This will help to expand work in the high temperature thermal storage area and complements the University's solar thermal activities in Whyalla.

Community engagement

UniSA's Team Trev (two-seater renewable energy vehicle) entered the Zero Race around the world, which started in Geneva on 16 August. Trev completed the journey in Switzerland on 24 February 2011 after a challenging and sometimes gruelling road trip through Europe, China, Canada, the USA and Mexico. The energy cost of the journey was less than \$400 worth of electricity, generated from a wind farm. The net emissions were zero – the aim of the race.

Among key external achievements of Division staff in 2010, Professor Vladimir Gaitsgory was elected to the ARC College of Experts in the Engineering, Mathematics and Informatics discipline group and Professor Simon Beecham was made a Fellow of Engineers Australia.



A researcher using the Mawson Institute's microplasma reactor, which is used for research on the surface engineering of microplasma at the Mawson and Ian Wark Research institutes. This research is showing exciting potential for medical and industrial applications.

Division of Business

The Division of Business offers a comprehensive range of programs in the business and management disciplines, including Accounting, Business Administration, Economics, Finance, International Business, Property, Law, Human Resource Management, Logistics and Supply Chain Management, Sport and Recreation Management, Tourism and Event Management, and Marketing.

During 2010, the Division continued to significantly improve across all key performance areas, including research outputs, financial stability, student satisfaction, relationships with industry and government, and national and international profile.

In late 2010 we were re-accredited by the European Quality Improvement System (EQUIS), the leading international accreditation for business schools. Only eight Australian business schools and 128 worldwide have EQUIS accreditation.

EQUIS praised the quality of our faculty, our strong research capability and our internationally excellent research output. First accredited in 2004, we have maintained accreditation longer than any other business school in Australia.

Key appointments

Our senior staff appointments in 2010 included:

- Professor Milé Terziovski, Head of School, International Graduate School of Business
- Professor Charles Rickett, Professor in Law, School of Law
- Associate Professor Petko Kalev, School of Commerce

- Associate Professor Margaret Lightbody, School of Commerce.
- Professor Peter Chen, Chair in Management (HR Management)

Teaching and learning

Among our staff recognised by the Australian Learning and Teaching Council in 2010, Associate Professor Betty Leask was awarded a National Teaching Fellowship to lead collaborative research into internationalisation of the curriculum in action.

Our academic programs that received national recognition in 2010 included:

- the Master of Business Administration (MBA) program, offered by the International Graduate School of Business, which was awarded the maximum five-star rating for the third consecutive year. We were one of eight universities in Australia to receive this honour
- the School of Management, which won a South Australian Tourism Award for Tourism Education and Training for the third consecutive year, and was inducted into the SA Tourism Hall of Fame
- the Bachelor of Management (Human Resource Management) program, offered by the School of Management, which was re-accredited by the Australian Human Resources Institute (AHRI), and was newly accredited by the Society for Human Resource Management, the United States equivalent of AHRI
- the Legal Practitioners Education and Admissions Council re-accredited the Bachelor of Laws degree for five years.

During the year we invested in program review and revitalisation for improved student experience and graduate outcomes. These activities included:

- amending the Honours program, for implementation in 2011. The revised program will better prepare students for entry into higher research degrees, and will provide high-performing students with a competitive advantage when it comes to employment. We are a major contributor to international research scholarship, being ranked in the top three universities nationally for the number of PhD graduates in the Management and Commerce discipline
- implementing our revised undergraduate core course model, designed to help undergraduate students develop an understanding of key concepts and skills across a range of fundamental business and management disciplines. The revision resulted in the introduction of a new core course, Business and Society.

The School of Law, established in 2007, reached a significant milestone in 2010 when its first intake of students completed their Bachelor of Laws degree.



The class of 2010: UniSA's first law graduates at graduation with, front, Professor Paul Fairall, Foundation Dean and Head of the School of Law.

Despite difficult external conditions, including the global financial crisis and the value of the Australian dollar, the Division's programs continued to be in high demand, and attracted more than 1100 commencing international students.

The number of our students participating in student exchanges and study tours increased in 2010. The Division runs the University's Global Experience program – designed to give students a competitive edge in the world jobs market – which continued to be popular with students seeking to expand their international perspectives.

Research

The positive feedback from EQUIS was reinforced by our results from the first Excellence in Research for Australia (ERA) assessment exercise, which confirmed our status as a leading research business school. ERA ranked our research in Accounting, Auditing and Accountability; Business and Management; Law; and Tourism as world class.

This is the result of strong academic leadership and, as noted, was boosted by the appointment of internationally recognised scholars in several disciplines.

The following research groups were awarded University Supported Research Centre status in 2010, acknowledging the efforts of research leaders and collaborative researchers:

- Centre for Accounting, Governance and Sustainability, led by Centre Director, Professor Roger Burritt

- Centre for Comparative Water Policies and Laws, led by Centre Director, Professor Jennifer McKay
- Centre for Human Resource Management, led by Centre Director, Professor Carol Kulik.

In addition, the Centre for Regulation and Market Analysis, led by Centre Director, Professor David Round, was renewed as a University Supported Research Centre for another three years.

Community engagement

The Division strengthened and extended our networks with industry and government and alumni during 2010. Key activities included:

- a significant restructure of the Division Advisory Board, including the appointment of a new Chair, Jim McDowell, Chief Executive of BAE Systems Australia
- an agreement with Santos to provide an MBA to its senior executives, offered in collaboration with University College London (UCL), which is consistently rated as one of the world's top five universities
- increased support and participation by senior industry leaders in key career-related events of benefit to students, including the MyAdvantage Development Experience and distinguished guest speaker series for the Global Experience program, the View from the Top CEO seminar series, the inaugural Property Career Spotting evening, and our alumni, industry and student networking event.



The Division of Business alumni, industry and student networking event.

Technology commercialisation: ITEK

ITEK is a technology commercialisation company wholly owned by the University of South Australia. The company's key role is to support the commercialisation of University research through forming spin-out companies and licensing intellectual property (IP). It also provides business incubation services and early stage investment to commercial ventures outside the University that meet its criteria.

ITEK's successful commercialisation and innovation strategies are important to realise UniSA's growth potential and improved industry engagement. They open opportunities for the University for more contract research, as well as financial returns to IP inventors and their school and division.

In 2010, ITEK invested almost \$500,000 in UniSA research to support and accelerate projects with commercial potential through technology assessment, market research, IP protection and proof-of-concept development.

ITEK's achievements in 2010 included:

- reviewing more than 60 invention disclosures
- filing seven new patents
- establishing two companies
- executing three licences and options
- profitably exiting two shareholdings.

The exits made a profit of more than \$13 million for the University. One of the companies was a University spin-out that ITEK had supported for about 12 years and the other was an investment outside the University through a Cooperative Research Centre.

At the end of 2010, ITEK had a portfolio of investments in eight companies.

Two new spin-out companies were established from University IP: Ceridia Pty Ltd and Lased Technologies Pty Ltd. Both these companies are raising investment capital for further development.

Ceridia, wholly owned by ITEK, aims to commercialise a proprietary drug delivery technology developed by Professor Clive Prestidge and his team at the Ian Wark Research Institute. It secured \$325,000 from ITEK's Catalyst Fund and Bio Innovation SA, which was used to complete human safety trials at the Royal Adelaide Hospital.

Lased Technologies is a joint venture with two industry partners to commercialise a process designed to produce soda ash from industrial waste streams, such as salt from desalination systems, and carbon dioxide and waste gases from combustion sources. ITEK previously invested in the project through its Catalyst Fund.

ITEK also presented six seminars on intellectual property and technology commercialisation to University staff and students.



ITEK Commercial Manager Mark Bruce with Dr Sheridan Gentili from the University's School of Pharmacy and Medical Sciences.



'Football opens doors in Indigenous communities that would often be closed': Professor Kerin O'Dea with AFL Engagement and Talent Coordinator, and former All-Australian team captain, Andrew McLeod. The SANFL and UniSA researchers are collaborating on programs in the Anangu Pitjantjatjara Yankunytjatjara Lands with the long-term goal of improving child health. 'This is a wonderful collaboration for us as football is so extraordinarily popular,' Kerin said. (Report, page 36.)

Staff achievements

Emeritus Professor Kym Adey, former Pro Vice Chancellor: Access and Learning Support, was awarded a Member of the Order of Australia (AM) for service to university administration, teacher education and a range of professional associations.

Professor John Benson, Head of School, School of Management, was elected a Fellow of the Academy of the Social Sciences in Australia (ASSA). Following Professor Barbara Pocock's election in 2009, this now gives UniSA six members of ASSA, a strong result for a young university.

David Blaiklock, Lecturer in Visual Communication Design (Illustration Design), was awarded gold and bronze awards in the Hong Kong International Poster Triennial. He was the first Australian to win awards in the event's 12-year history.

Associate Professor Joanne Cys, of the School of Art, Architecture and Design, was inducted as a Life Fellow of the Design Institute of Australia in recognition of her services to the profession through design research and education.

Professor Allan Evans, Pro Vice Chancellor and Vice President: Health Sciences, was awarded the 2010 Australasian Pharmaceutical Science Association Medal. The medal is the association's highest award and recognises a person who has made a significant and lasting contribution to the pharmaceutical sciences and pharmacy practice in Australasia.

Senator Kim Carr, Minister for Innovation, Industry, Science and Research, appointed **Professor Andrew Parfitt**, Pro Vice Chancellor and Vice President: Information Technology, Engineering and the Environment, to the Space Industry Innovation Council. The Council provides advice on space industry priorities to the Minister, champions innovation and helps build connections with national and international organisations.

Professor Barbara Pocock, Director of the Centre for Work and Life, part of the Hawke Research Institute for Sustainable Societies, was awarded a Member of the Order of Australia (AM) for service to industrial relations as an academic and researcher, particularly in the areas of employment, gender relations and vocational education, and as an advocate for social justice.

Chris Bowen, Minister for Immigration and Citizenship, appointed **Professor Nicholas Procter**, Chair: Mental Health Nursing, to the newly established Council for Immigration Services and Status Resolution. The Council will provide independent advice on policies, processes, programs and services for people seeking a migration outcome in Australia.

Professor Ian Richards, Professor of Journalism in the School of Communication, International Studies and Languages, was awarded a Dart Foundation Fellowship at Columbia University's Graduate School of Journalism in New York. When he visits Columbia in June 2011, he will become the inaugural Dart Centre Australasia Academic Fellow.

Paul Sherlock, Director: Information Strategy and Technology Services, was elected President of the Council of Australian University Directors of IT Inc. and President of the Australian Access Federation Inc. (AAF). The AAF role entitles Paul to a position on the Australian eResearch Infrastructure Council, which among other activities advises the National Research Infrastructure Council.

Professor Joanne Wright, Deputy Vice Chancellor and Vice President: Academic, was appointed to the Board of the Australian Universities Quality Agency (AUQA) as the nominee of Universities Australia.



UniSA Tall Poppies, from left, Dr Siobhan Banks, Dr Saravana Kumar and Dr Ellen Nisbet.

Of the eight young researchers awarded in the South Australian Young Tall Poppy Science Awards in 2010, four are UniSA employees. They are SA Young Tall Poppy of the Year, **Dr Gabrielle Todd**, and Tall Poppies **Dr Siobhan Banks**, **Dr Saravana Kumar** and **Dr Ellen Nisbet**. The awards recognise outstanding researchers in the early stages of their careers, who are already making discoveries and are passionate about communicating their work.

Gabrielle, a Senior Research Fellow in the School of Pharmacy and Medical Sciences, was recognised for her research into reducing the severity of symptoms associated with Parkinson's disease. She was also appointed to the Premier's Science and Research Council in South Australia for 2011.

Siobhan is a Postdoctoral Research Fellow with the Centre for Sleep Research, Saravana is a Senior Research Fellow and Deputy Director of the International Centre for Allied Health Evidence, and Ellen is a biochemistry expert with the School of Pharmacy and Medical Sciences.

Professor Peter Buckskin, Dean of the David Unaipon College of Indigenous Education and Research, was appointed to the Australian Research Council (ARC) Advisory Council and was also made a member of the Executive Board of the inaugural National Congress of Australia's First Peoples. Of the ARC appointment, Peter said his first priority would be to improve the cultural competence of the mainstream research community as it continues to inquire into, examine and analyse issues that affect Aboriginal and Torres Strait Islander Australians.



Associate Professor Betty Leask, above, of the Division of Business, was awarded an Australian Learning and Teaching Council (ALTC) National Teaching Fellowship, one of only three awarded in 2010. Fellowships are awarded to leaders in higher education learning and teaching. They are expected to establish a collaborative team of internationally recognised scholars and to lead an extended seminar as part of their fellowship program. Betty's proposal is to develop and disseminate a framework for internationalisation of the curriculum, which will involve the engagement of academic staff across different disciplines and institutions and will have a resounding local and national impact.

The Australian Research Council (ARC) appointed five UniSA staff to the Research Evaluation Committees for the Commonwealth Government's Excellence in Research for Australia (ERA) evaluation exercise. They are **Professors Tony Liddicoat** and **Ian Richards** – Cluster 2 (Humanities and the Creative Arts); **Professor Michael Taylor** – Cluster 3 (Engineering and Environmental Sciences); **Professor Ross McKinnon** – Cluster 7 (Biomedical and Clinical Health Sciences); and **Professor John Lynch** – Cluster 8 (Public and Allied Health Sciences). The ARC also invited **Professor Carol Kulik** to join its College of Experts' Social, Behavioural and Economic Sciences panel and **Professor Vladimir Gaitsgory** to join the Engineering, Mathematics and Informatics panel.



Professor Allan Evans, left, with Professor Andrew McLachlan, President of the Australasian Pharmaceutical Science Association.

Professor Dayang Wang

One of the University's most recent appointments is Professor Dayang Wang, who has joined the Ian Wark Research Institute (The Wark) as a research professor from China via Germany.

Dayang is the Chief Investigator, with Associate Professor David Beattie and Dr Catherine Whitby, also of The Wark, on an ARC Discovery Grant into 'Nanoparticle adsorption at air/water interfaces for foam stabilisation', awarded in 2010.

The investigators will collaborate with Professor Helmuth Möhwald, of the Max Planck Institute of Colloids and Interfaces in Germany, where Dayang was based from 1999 until joining The Wark in 2010.

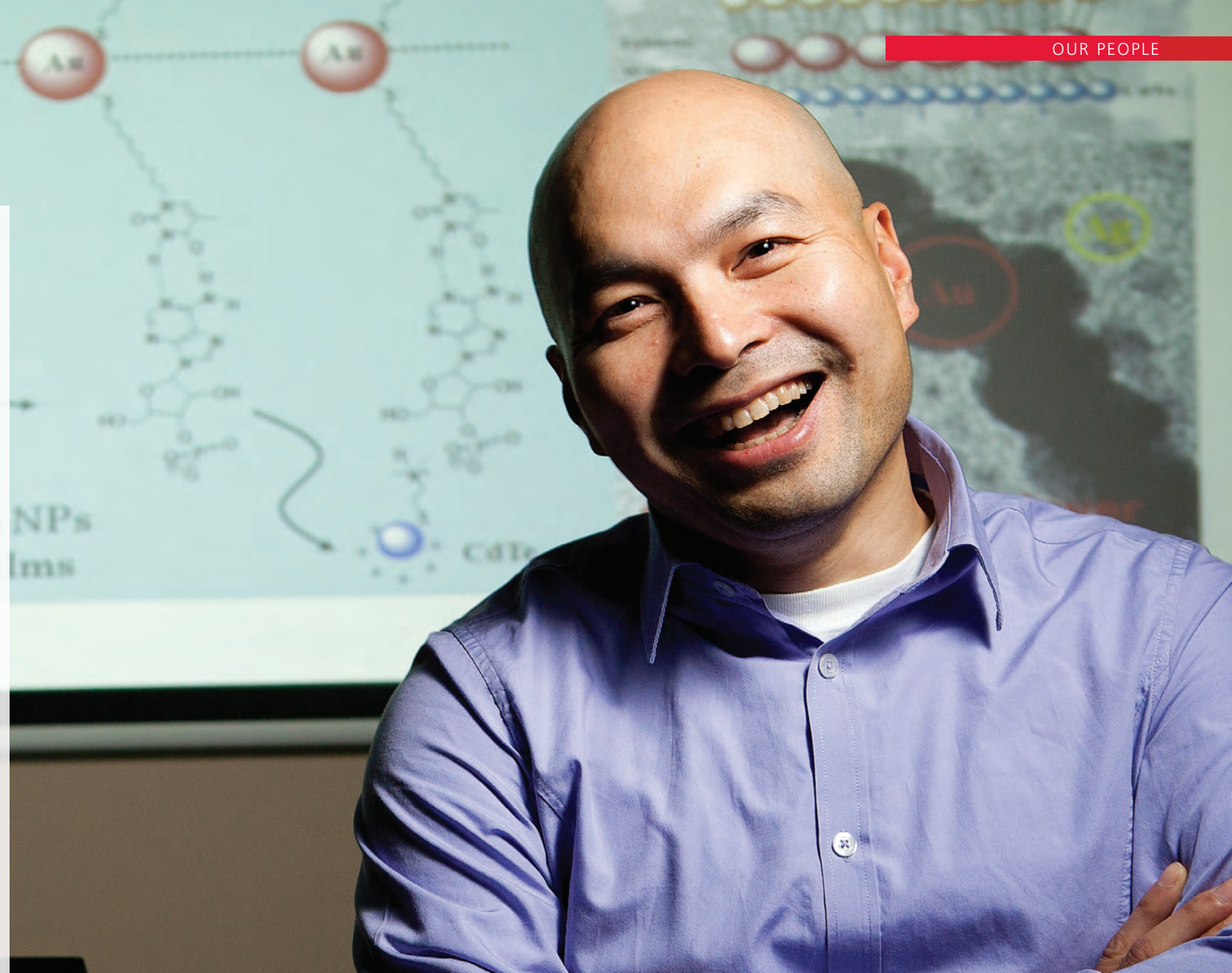
They will investigate why air/water interfaces can't efficiently adsorb colloidal nanoparticles from bulk water, unlike oil/water interfaces. Industry has many uses for the adsorption of nanoparticles at interfaces, for example, in food formulation and froth flotation.

'This research could have wide application, for example, in minerals processing, for purer minerals, and in medicine, for preventing the particles that we ingest every day in the air from penetrating through the lungs into the bloodstream,' Dayang said.

At the Max Planck Institute, Dayang was initially a postdoctoral fellow researching colloidal crystallisation and macroporous materials in the Department of Interfaces. He was awarded an Alexander von Humboldt Research Fellowship in 2000 and in 2003 became a group leader, supervising six PhD students and more than 20 postdoctoral research fellows.

Dayang studied chemistry at Jilin University, Changchun, China, obtaining a Bachelor of Engineering in Polymer Materials in 1993 and a PhD in Polymer Chemistry and Physics in 1998. His research interests are nanomedicine, particle synthesis, particle at interfaces, particle self-assembly, and hydrogel.

Dayang considers himself 'lucky' to be at The Wark. 'It's almost as well known as the Max Planck Institute in the area of colloids and interface chemistry, and of course it's very famous in physical chemistry,' he said.



Professor Kerin O'Dea AO

From page 33.

Two steps forward, one step back, could describe the state of Indigenous health in Australia witnessed by Professor Kerin O'Dea AO during the past three decades as a researcher in the area. While there have been big improvements and positive models, chronic disease has grown into an epidemic, with devastating consequences for victims and their families.

Kerin, Director of UniSA's Sansom Institute for Health Research, is leading a team to tackle the problem of chronic health conditions in Indigenous communities, particularly diabetes and cardiovascular disease, using an \$8.19 million NHMRC Program

Grant awarded in 2010. The project will build on research dating back to the 1970s done by Kerin and her colleagues in collaboration with Indigenous people.

This is the second NHMRC Program Grant led by Kerin. While the project is ambitious and Kerin is expecting it will achieve significant health improvements, another major aim is to pass the baton to a new generation of researchers, who will work on the cause with passion and commitment. 'At this stage of my career, an important part of my role is mentoring,' Kerin said. 'Our team includes a lot of young people – Indigenous and non-Indigenous PhD students and doctors – who are doing wonderful work, and one of our priorities is to continue to build their capacity.'

Kerin was made an Officer of the Order of Australia in 2004 for service in the areas of medical and nutrition research, particularly in Indigenous health, and has long been involved in committees advising government on these issues. She has been a Council member of the NHMRC since 2009 and is inaugural Chair of the NHMRC's Prevention and Community Health Committee and a member of the National Indigenous Health Equality Council. In 2010 she was appointed a board member of Outback Stores Pty Ltd, which aims to provide high quality retail services to remote communities and to improve the health and nutrition of Indigenous people in such communities.

Kerin's research has shed light on the adverse role of poor quality diets on chronic disease risk and the beneficial impact of improving the quality of the food supply in community stores. At the same time, the incidence of diabetes and cardiovascular disease has increased significantly, as have their serious consequences, including kidney failure and amputations. 'Diabetes and cardiovascular disease are two of the biggest problems, but we're working on them in a comprehensive way by looking at the underlying issues, such as diet and food supply; health services and models of care; early detection; and early intervention.'

Professor Julie Mills

In 1996, after 15 years working as a civil engineer, Professor Julie Mills decided to do what she had long avoided – follow in her teacher father's footsteps. She joined UniSA as a lecturer in civil engineering and felt she'd come home. 'I loved teaching right from the start,' she said. 'It has offered me endless opportunities to do the things that interest me.'

Julie's passion and flair for teaching have been recognised many times; in recent years by a Carrick Institute Citation for Outstanding Contribution to Student Learning in 2006 and a National Teaching Excellence Award from the Australasian Association for Engineering Education in 2009. This year, UniSA promoted Julie to Professor on the basis of her contribution to teaching excellence, at the University, nationally and internationally.

Julie believes her experience in the field has greatly added to her teaching abilities. 'Civil engineering is a practical profession. You have to know the theory, of course, but it's also crucial to know how the theory is applied in practice.'

While teaching remains Julie's top priority, she is also involved in research, in the areas of steel structures, engineering education and women in engineering. The last subject is close to Julie's heart and a continuing disappointment. When she graduated with first-class honours in a Bachelor of Engineering (Civil) in 1982, the number of female professional engineers in Australia

was a 'ludicrously low' 0.02%. Nearly three decades later, it's only about 10%.

'This sad story is not just Australia's problem, it's worldwide, apart from some parts of Asia. It's frustrating because engineering is a great profession; it does some really interesting and fascinating and valuable stuff for the community.' In this area Julie currently holds, with UniSA colleagues Associate Professors Suzanne Franzway and Judith Gill, and Professor Rhonda Sharp, an ARC Discovery Grant for 2009–11 on 'Epistemologies of workplace change: transforming gender relations in engineering' and this year completed an ALTC-funded project on 'Gender inclusive curriculum in engineering and construction management', also with Associate Professor Gill and UniSA's Virginia Mehrtens, as well as three partner universities.

In 2010 Julie, with UniSA, UTS and University of Newcastle researchers, was awarded an ALTC Priority Project Grant on 'Collaborative building design education using Building Information Modelling'.

The ARC Discovery Grant is focusing on workplace issues. 'Not only are numbers of female engineering students low, but also figures from most Western countries show that 40 to 50% of female engineers leave the profession after five to 10 years,' Julie said. 'Many women we've interviewed have made a great career out of engineering, which is how I feel myself. So I'll keep chipping away at the research, hoping we can make a difference.'



Professor Julie Mills with civil engineering student Pyrros Radimisis.

Professor Marianne Berry

For an international leader in child protection, Professor Marianne Berry is a dab hand at fixing other people's broken windows. Pitching in to help clients was a strategy she used as a young child protection worker, and is one she still recommends to frontline workers.

Marianne, who was appointed Director of the UniSA-based Australian Centre for Child Protection (ACCP) in 2010, has dedicated her career to researching how to keep children safe and how to share that knowledge with frontline workers as plainly and clearly as possible. 'Research shows simple things can make a big difference, like asking a client what they need done,' she said. 'It might mean fixing a window or picking up a broom, but the child protection worker will be seen as someone who listens.'

Marianne's ability to translate research into practice was noted by the US Government when it named her a Child Welfare Research Fellow, one of 24 in her home country. The skill was born out of her first job, in child protection, during her early 20s. 'It was important work and it was stressful work, where making a mistake could mean life or death, and I realised I didn't know enough.' She then gained her PhD at the University of California, Berkeley and in the two decades since has directed all her publications to child protection workers. Her fundamental aim at the ACCP is to continue in the same vein.

Marianne has been the director and founder of two centres for child protection in the United States – at the University of Kansas and, earlier, at the University of Texas.

It was her collaborative research as a founding member of the International Association for Outcome-Based Evaluation and Research on Family and Children's Services, a global group of 30 scholars, that first drew her to start visiting Australia about 10 years ago. She was excited by the innovation in child protection practices here, but saddened that much of it was little known outside our borders. 'One of my missions in taking this role is to help get the word out about the important work going on in Australia.'

The ACCP is buoyed 'by a whole constellation of support: from its people, from the University and within the state, that I've not experienced before'. This support, as well as the opportunity to continue mentoring young professionals and students, played big roles in sealing her decision to move to Australia and take the position.



Honorary awards

During 2010 we conferred honorary awards on people who have made significant contributions to the University and the wider community.

Honorary Doctors of the University

Adjunct Professor Neil Bryans

In recognition of his outstanding contribution to the community and to the growth and development of the University.

Neil is currently Executive Director of the Counter Terrorism and Security Technology Centre at the Defence Science and Technology Organisation (DSTO). He has dedicated his career to research and leadership in Australian defence, mainly in DSTO.

He was a founding member of the scientific team that led to the development of the Jindalee over-the-horizon radar. He subsequently conducted research into coherent microwave radar and led evaluations of radar performance associated with the acquisition of major military platforms. He was also a principal investigator in the NASA Shuttle Imaging Radar (SIR-B) program.

In 1990 DSTO appointed Neil Chief of the Communications Division and in 1995 Chief of the Information Technology Division. During the 1990s he also spent 15 months as the Defence Signal Directorate's chief scientist and a period as First Assistant Secretary Science Policy.

In 2000 Neil was appointed Director of DSTO's Electronics and Surveillance Laboratory and Head of DSTO Edinburgh, later to become Deputy Chief Defence Scientist (Information and Weapons Systems).

He has had a long association with the University, and was an instrumental advocate in the formation of our Institute for Telecommunications Research (ITR). He is an adjunct professor at UniSA and currently chairs the Advisory Boards of the ITR and the Defence and Systems Institute.



Pro Chancellor Terry Evans, left, with Honorary Doctor of the University, Adjunct Professor Neil Bryans.

Professor Brian Vincent

In recognition of his long-standing support of the Ian Wark Research Institute (The Wark) and his extensive background and achievements in the field of colloids.

Brian is Emeritus Professor of Physical Chemistry, University Senior Research Fellow and Director of the Bristol Colloid Centre at the University of Bristol, United Kingdom. He is distinguished for his many outstanding, wide-ranging and original contributions to colloid and surface chemistry and is recognised as a world leader in the field.

He was also the founder in 1994 and first Director of the Bristol Colloid Centre (BCC), which continues to provide short-term research, training and consulting support for industry. He introduced many initiatives as President of the International Association of Colloid and Interface Science (IACIS).

With respect to UniSA, Brian has been Chair of The Wark's Research and Technology Advisory Committee since 2001. The committee consists of excellent international scientists and engineers who visit The Wark every 18 months to two years to conduct in-depth analyses of the research performance of the institute. This has been done with great distinction under Brian's superb leadership.

Brian has published more than 280 original research/review papers in primary research journals and co-authored or edited four books in the areas of polymer and colloid science.

University Fellows

Ms Jan Lowe

In recognition of her contribution to the growth and development of the University.

Jan is the longest-serving member of the University Council, having served for 17 years from the University's inception in 1991 until December 2008.

As a member of Council, she has served with dedication as Chair of the Senior Promotions Committee and of the Student Appeals Committee, and as a member of the Senior Remuneration Committee.

Jan is a highly experienced public servant with 25 years' experience in public policy and administration. She is currently the Director for Small Business and Regional Programs in the South Australian Department of Trade and Economic Development.

She also has a long history of voluntary work in community services and in higher education. She has been a board member of scosa and Chair of the Community Business Bureau.



Vice Chancellor Professor Peter Høj, left, Honorary Doctor of the University, Professor Brian Vincent, and Chancellor Dr Ian Gould.

Mr Peter Smith

In recognition of his contribution to the growth and development of the University.

Peter has been involved in higher education governance for many years, as the University's foundation Pro Chancellor and as a member of the University Council for eight years.

In these roles he had a particular involvement in governance strategies and technology-related education, including chairing a review of engineering. He was Chair of ITEK, the University's commercialisation entity, and was also an auditor for the Australian Universities Quality Agency.

Peter's professional career has focused on the Australian and international defence and aerospace industries. He was Commercial Director of Hawker de Havilland, and Managing Director of AWA Defence Industries and British Aerospace Australia. In 1996 he set up his own strategic consultancy in defence and aerospace. In these fields, Peter has served as Chair and as a director of numerous companies and has held many government and industry committee memberships.

Emeritus Professors

Emeritus Professor Stephen Hamnett

In recognition of his distinguished service to the University.

Stephen was appointed Head of Planning at the South Australian Institute of Technology (now the University of South Australia) in 1984. He was Professor of Urban and Regional Planning at UniSA from 1990 until his retirement from the University in February 2010.

He is now a Commissioner of the Environment, Resources and Development Court of South Australia.

Before arriving in Adelaide, Stephen taught at the Delft

University of Technology in The Netherlands, and at universities in the United States, the United Kingdom and Queensland.

His many teaching and research interests during the past 30 years have focused strongly on Asian planning. He made a significant contribution to the internationalisation of UniSA's planning programs as well as working for AusAID in various countries.

Stephen has published widely and his book *The Australian Metropolis*, co-authored with Robert Freestone, won the Planning Institute of Australia's National Award for Scholarship in 2000. In 2009 the institute awarded Stephen a Lifetime Achievement Award.

Emeritus Professor Philip Howlett

In recognition of his distinguished service to the University.

Philip began work at the South Australian Institute of Technology (now UniSA) in January 1965. In 1971 he obtained his PhD in Mathematics from the University of Adelaide. He has been Leader of UniSA's Scheduling and Control Group, part of the School of Mathematics and Statistics, since 1990 and Professor of Industrial and Applied Mathematics since 2001.

His achievements include designing, with UniSA colleague Dr Peter Pudney, the driving strategy for the solar-powered car, Aurora 101, when it won the 1999 World Solar Challenge. The pair also invented the driver advice system Freightmiser, used by Pacific National on inter-city freight trains and on trial elsewhere in the world.

Philip has won many national competitive grants to support his mathematical research. The Scheduling and Control Group won the Australia Technology prize in 2000 and the Australasian Railway Association prize in 2004 in partnership with Sydney Company TTG Transportation Technology.

Emeritus Professor Dorothy Scott

In recognition of her distinguished service to the University and the community.

Until 2010, Dorothy was the foundation Chair of Child Protection and Director, Australian Centre for Child Protection, which she established at the University in 2005. Before her involvement with UniSA she was Head of the School of Social Work at the University of Melbourne and Chief Executive of The Ian Potter Foundation.

Dorothy completed arts and social work degrees at the University of Melbourne, and later a Masters Research degree and PhD. As a social worker in the 1970s she founded the first sexual assault counselling service for women and children in Victoria, and pioneered group therapy for women suffering from post-partum psychiatric disorders.

Chief Investigator in four recent ARC grants and the author of five books and many refereed articles, she has been influential nationally and internationally in developing and promoting a public health approach to child protection.

Student achievements

Tessa Henwood-Mitchell, who is studying a Bachelor of Social Work/International Studies, was presented with the Young Citizen of the Year Award for 2010 at the City of Adelaide's Australia Day ceremony. Tessa is the founder and President of TIA International Aid, which supports disadvantaged children in Bolivia.

MBA student, **Associate Professor Steven Lapidge**, won the 2010 Fulbright Professional Business/Industry Coral Sea Scholarship. Steven, a Program Leader with the Invasive Animals Cooperative Research Centre at the University of Canberra, will use the scholarship to spend three months researching feral pig control at the US Department of Agriculture National Wildlife Research Centre in Colorado.



The Pharmaceutical Society of Australia named **Vivienne Mak**, left, a PhD candidate in the Quality Use of Medicines and Pharmacy Research Centre, the 2010 Young Pharmacist of the Year for her dedication and commitment to the profession.

At the Delhi Commonwealth Games, **Kaarle McCulloch**, a Bachelor of Applied Science (Human Movement and Health Studies) student, won cycling gold in the women's team sprint final and silver in the women's 500-metre time trial and **Samuel**

Offord, a Bachelor of Physiotherapy student, won gymnastics gold on the rings in the men's artistic team event.

Valerie O'Keeffe, a PhD student at the Centre for Sleep Research, was awarded a \$5000 Augusta Zadow Scholarship by SafeWork SA. The award is given for initiatives that improve the health and safety of women at work.

Leechelle Trott, a second-year Bachelor of Education (Primary/Middle) student, was one of two South Australian recipients of a Governor-General's Indigenous Student Teacher Scholarship, valued at \$25,000.

Angela Valamanesh, a PhD student in the School of Art, Architecture and Design, was awarded a Member of the Order of Australia (AM) for services to the visual arts and was appointed to the Visual Arts Board of the Australia Council for the Arts.

Stasia Willoughby, who is studying a Bachelor of Management (Logistics and Supply Chain Management), was one of two recipients of a 2010 undergraduate scholarship offered by the Logistics Association of Australia. It is the third consecutive year that a UniSA student has won the scholarship.

University of South Australia Honours Medal

Mark Argent, Bachelor of Engineering (Civil) (Honours)

Susan Christo, Bachelor of Medical and Pharmaceutical Sciences (Honours)

Svetlana De Gennaro, Bachelor of Visual Arts (Honours)

Cheryl Lim, Bachelor of Education (Early Childhood Education) with Honours

Paul Oldham, Bachelor of Arts (Honours)

Jien Quek, Bachelor of Psychology (Honours)

Lisa Smith, Bachelor of Education (Primary/Middle) with Honours

Thomas Squires, Bachelor of Visual Arts (Honours)

Jessica Tsimeris, Bachelor of Computer Science (Honours)

Sarah Woods, Bachelor of Commerce (Honours)

University of South Australia Medal

Prue Axon, Bachelor of Arts (Writing and Creative Communication)

Cherie Barnett, Bachelor of Journalism

Kerrie Bell, Bachelor of Sustainable Environments (Environmental Protection and Management)

Kenneth Brookes, Bachelor of Business (Property)

Petra Brown, Bachelor of Social Work

Stefanie Carapetis, Bachelor of Physiotherapy

Ting Cheng, Bachelor of Applied Finance

Man Chow, Bachelor of Arts (Communication and Media Management)

Chye Chua, Bachelor of Commerce

Matthew Collis, Business Double Degree

Sheri Dent, Bachelor of Nursing

Lauren Dowling, Bachelor of Applied Science (Occupational Therapy)

Andrew Fotia, Bachelor of Architectural Studies

Sarah Habenschuss, Bachelor of Management (Marketing)

Courtney Koop, Bachelor of Nutrition and Food Sciences

Szymon Kotnowski, Bachelor of Applied Science (Civil Aviation)

Li Lim, Bachelor of Commerce

Alicia Miksa, Bachelor of Nursing

Elizabeth Noonan, Bachelor of Commerce

Fiona O'Neill, Bachelor of Arts

(Languages and Intercultural Communication)

Craig Taylor, Bachelor of Visual Arts (Photography)

Christopher Villani, Bachelor of Marketing and Communication

Elizabeth Wilbourne, Bachelor of Nursing

Woei Yan, Bachelor of Commerce

GOVERNANCE & MANAGEMENT



The iconic Brookman Building fronts North Terrace at City East campus.

Members of Council

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

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

The Act stipulates that the University will have a Chancellor and Deputy Chancellor and may appoint up to two Pro Chancellors. The Chancellor is the presiding member of the Council.

Chancellor

Dr Ian Gould

BSc(Hons) PhD FTSE FAusIMM CompIEAust

Dr Ian Gould has been Chancellor of the University since July 2008. He is a geologist with 40 years' experience in the minerals industry, including working for the CRA and Rio Tinto Group as Managing Director Australia, and for Normandy Mining Ltd as Managing Director. In South Australia Ian is a member of the Economic Development Board, the Premier's Science and Research Council and the Resources Industry Development Board. He is Chair of the CSIRO Minerals Sector Advisory Council and St Andrews Hospital Board, and immediate past Chair of the Australian Institute of Marine Science.

Ian's term as Chancellor expires in January 2014.

Deputy Chancellor

Dr Wendy Craik AM

PhD, FTSE

Dr Wendy Craik was appointed full-time Commissioner with the Productivity Commission in 2009. Her previous positions include Chief Executive of the Murray–Darling Basin Commission, President of the National Competition Council and Chair of the Australian Fisheries Management Authority and the National Rural Advisory Council. Wendy is a member of the boards of The Foundation for Rural and Regional Renewal, Dairy Australia and The World Fish Centre. She was made a Member of the Order of Australia (AM) in 2007 for her contribution to natural resource management and rural policy. Wendy's term as Deputy Chancellor expires in March 2012.

Pro Chancellor

Terry Evans

LLM

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

Terry's term as Pro Chancellor expires in March 2012.

Appointed members

Pauline Carr BEc, MBA, FAICD, FCIS (from March 2010)

Bill Cossey AM BSc FAIM

Tanya Hosch

Bruce Linn BSc FAICD FACS

Jim McDowell LLB(Hons)

Ian McLachlan BEc, FCA FAICD

Paula Nagel BA(Hons), DipT Sec, FAICD (from March 2010)

Dr Sue Vardon AO BSocWk GradSocWkAdmin (until January 2010)

Elected student members

Kelly Graham-Sutton (until December 2010)

Thomas Rudkin (until December 2010)

Elected academic staff

Professor Drew Dawson BA PhD

Elected professional staff

Bronwen Webb BTeach (EdTrainAdults)

GradCertGlobalTradeMgt

Ex-officio

Professor Peter Høj MSc PhD DUniv FTSE

Chair of Academic Board

Associate Professor Margaret Peters BEd Dip T Grad Dip Ed Adm PhD (leave of absence September–October 2010 and long service leave December 2010)

Associate Professor Stephen Boyle BMus Grad Dip Mgmt MBA PhD (Acting Chair during Associate Professor Margaret Peters' leave)



Members of the University Council, front row, from left, Vice Chancellor Professor Peter Høj, Terry Evans, Kelly Graham-Sutton, Chancellor Dr Ian Gould; second row, Bronwen Webb, Paula Nagel, Bill Cossey, Professor Drew Dawson; third row, Dr Wendy Craik, Tanya Hosch, Associate Professor Margaret Peters, Pauline Carr; back row, Jim McDowell, Bruce Linn, Thomas Rudkin. Absent: Ian McLachlan.

Legislative requirements

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

The University's functions

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

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

The University's powers

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

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

University Council

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

Governance aspirations

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

As part of its commitment to good governance practice, the Council has adopted a code of conduct for its members. This code is in the Council Handbook, which documents procedures, roles and responsibilities. It is reviewed and updated annually.

Each year, members of Council complete and update a register of interest as a probity measure. The Council also conducts an annual review of its performance.

Council responsibilities

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

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

Council secretariat

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

Council committees

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

The standing committees are:

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

Academic Board

Academic Board has three functions:

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

Academic Board is the main academic advisory body to Council and is responsible for the quality of the University's teaching, learning and research.

The Board has five committees:

- Academic Policy and Program Review Committee
- Research Degrees Committee
- Research Integrity, Accountability and Compliance Committee
- Research Policy Committee
- Teaching and Learning Committee.

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

Audit and Risk Management Committee

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

Finance Committee

The Finance Committee is responsible for providing expert advice to Council on both the University's financial performance in the current year and the financial implications of any future plans. The committee reviews the University's draft budget before it is considered by Council and receives regular financial reports.

Foundation Committee

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

Governance and Legislation Committee

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

Honorary Awards Committee

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

The University bestows three types of awards:

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

Immediate Business Committee

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

Senior Academic Promotions Committee

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

Senior Remuneration Committee

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

Committees established as required

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

Administration

The Vice Chancellor

The Vice Chancellor and President is the chief executive officer of the University and is responsible for its overall management and administration. The Vice Chancellor is appointed by and reports to University Council, which delegates to the Vice Chancellor a range of powers and functions.

The Vice Chancellor, in turn, authorises appropriate staff to manage the institution's affairs. The responsibilities of each type of management position are detailed in the Vice Chancellor's Authorisations, see our website: www.unisa.edu.au/policies/policies/corporate/C32.asp.

Senior management

The senior managers are the Deputy Vice Chancellors, Pro Vice Chancellors and Chief Operating Officer. With the Vice Chancellor, the senior managers form the Senior Management Group. The group meets regularly and provides advice to the Vice Chancellor on both operational and policy matters.

Senior managers lead academic divisions or cross-institutional portfolios. Our flat senior management structure supports communication, teamwork and collegiality between members responsible for University-wide functions and those responsible for management of the academic divisions.

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

Academic divisions

Teaching and most research are delivered by schools, research institutes and research centres within the four academic divisions. Divisions are led by a Pro Vice Chancellor. Senior staff reporting to each Pro Vice Chancellor include heads of schools, deans, division directors/managers and, in most divisions, research institute directors. The directors of the Ian Wark Research Institute and the Institute for Telecommunications Research report to the Deputy Vice Chancellor: Research and Innovation.

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

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

carries a particular responsibility to implement University policy in key areas, and deans liaise closely with the relevant portfolio senior managers.

Division directors/managers are responsible for administrative functions, including business development, academic and financial administration, marketing and human resources planning and coordination.

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

The University's research concentrations strategy, ReNEW, recommended that by 2011 all University-supported research institutes will be University- or division-based, and that all directors of supported research institutes will report to a member of the Senior Management Group.

Portfolios

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

Freedom of information

The Freedom of Information Act 1991 gives individuals a legally enforceable right to access documents in South Australian universities, subject to certain restrictions. UniSA strives to be an open and accountable organisation in accordance with the Act.

During 2010, we received two applications to access records under the Act. One of the applications was from a Member of Parliament. The first application resulted in no documents being found that were relevant to the application. The determination for the second application resulted in the full release of the requested documents.

Risk management

In 2010 the University Council updated its Risk Management Policy to further develop the University's risk management culture, consistent with the new International Risk Management Standard ISO 31000. The policy establishes principles to ensure that risk management is integral to all processes, helps to achieve objectives and contributes to the continuous improvement of performance.

Key elements of our framework include:

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

We maintain our capacity to respond appropriately to crises through a framework of trained emergency response groups and a high-level crisis management committee.

Management annually certifies to Council that the University risk management and internal compliance and control systems are operating effectively in all material respects. This certification is supported by a process involving the completion of questionnaires on control and risk management by all senior managers and major organisational units.

Stained glass windows in the Brookman Building commemorate mathematician and physicist William Thomson, 1st Baron Kelvin, and chemist and physicist Michael Faraday. The building opened in 1903 to house the South Australian School of Mines and Industries, one of UniSA's antecedent institutions.

Senior Management Group



Vice Chancellor and President

Professor Peter Høj MSc PhD DUniv FTSE

Professor Peter Høj has been Vice Chancellor and President of UniSA since 1 June 2007. He was educated at the University of Copenhagen, majoring in biochemistry and chemistry, and has a Master of Science in biochemistry and genetics, a PhD in photosynthesis and an Honorary Doctorate from the University of Copenhagen. Professor Høj is a board member of Universities Australia and Business SA, and a member of the National Research Infrastructure Committee and the Australian Qualifications Framework Council. In 2009 he became a member of the Higher Education Research Reference Group. He is also a Fellow of the Australian Academy of Technological Sciences and Engineering.



Deputy Vice Chancellor and Vice President: Academic (from February 2010)

Professor Joanne Wright
BA(Hons) M.Litt PhD

Professor Joanne Wright joined the University of South Australia in February 2010 from the University of Sussex, where she was Pro Vice Chancellor: Education. During her time at Sussex, she successfully led the drive to improve teaching and learning indicators, especially student satisfaction. Joanne has held teaching and research positions at United Kingdom and Australian universities, has taught extensively at undergraduate and postgraduate levels, and has published numerous books and articles on various aspects of state and sub-state security.



Deputy Vice Chancellor and Vice President: Research and Innovation

Professor Caroline McMillen
MA DPhil MB BChir

Professor Caroline McMillen, who has been in her current position since December 2005, has an international reputation as a biomedical researcher and for her work, which focuses on the early origins of adult health. In 2010 she was a member of the Automotive Industry Innovation Council and a board member of the Cooperative Research Centre for Advanced Automotive Technology, Innovate SA, the Premier's Climate Change Council, the South Australian Health and Medical Research Institute, the Playford Memorial Trust Inc. and the Resources Industry Development Board of South Australia.



Pro Vice Chancellor and Vice President: Education, Arts and Social Sciences

Professor Pal Ahluwalia
BA(Adv) MA PhD FASSA

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



Pro Vice Chancellor and Vice President: Information Technology, Engineering and the Environment

Professor Andrew Parfitt
BE(Hons) PhD FIEAust

Professor Andrew Parfitt has been Pro Vice Chancellor and Vice President: Division of Information Technology, Engineering and the Environment since August 2007. He has an international reputation and an outstanding career as a specialist in antenna and radio systems and more recently in areas relating to space science and technology. He is a board member of the Defence Teaming Centre, and the Technology Industry Association; a member of the Space Industry Innovation Council; Chair of the Australian Academy of Science National Committee for Radio Science; and a Fellow of Engineers Australia.



The Senior Management Group, from left, Professor Gerry Griffin, Nigel Relph, Professor Joanne Wright, Professor Pal Ahluwalia, Professor Caroline McMillen, Professor Allan Evans, Professor Andrew Parfitt, Paul Beard and Professor Peter Høj in the Anne & Gordon Samstag Museum of Art, City West campus.

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Chief Operating Officer

Paul Beard
BA (Accountancy) CA

Chief Operating Officer Paul Beard has been at the University since 2001. He has worked with the Big Four accounting firms in Australia and England, and has held senior finance roles in the private and public sectors. He is a chartered accountant and completed the Advanced Management Program at the Harvard Business School in 2007. Paul is a board member of Open Universities Australia.



Pro Vice Chancellor and Vice President: Health Sciences

Professor Allan Evans
BPharm PhD

Professor Allan Evans has been Pro Vice Chancellor and Vice President: Health Sciences since August 2009.

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



Pro Vice Chancellor and Vice President: International and Development (from October 2010)

Nigel Relph
BA(Hons) MA MCIPR

Nigel Relph commenced as Pro Vice Chancellor and Vice President: International and Development in October 2010. Before joining the University, he was Director: Corporate Affairs at Queen Mary, University of London, for five years, and had held related senior positions at that institution since 2000. Nigel previously held senior positions at the Universities of Warwick and Birmingham. He spent a period working in Malaysia as Academic Director of a private education group and he also ran a newspaper publishing company. Nigel began his career as an academic historian and held teaching posts at the Universities of Lancaster and Liverpool.



Pro Vice Chancellor and Vice President: Business

Professor Gerry Griffin
B.Com(Hons) MBS PhD

Professor Gerry Griffin joined the University in 2004 from Monash University, where he was Professor of Industrial Relations and Director of the ARC-funded National Key Centre in Industrial Relations. Gerry is both an acknowledged expert and prolific author in the research areas of industrial relations at the workplace level, enterprise bargaining, and international aspects of unionism. He has worked in industrial relations in the public and private sectors and has had extensive consulting experience with a wide range of national and international organisations.



Pro Vice Chancellor and Vice President: International and Development (to April 2010)

Dr Anna Ciccarelli
BA DipEd GradDip TESOL MEd (Admin & Mgt) EdD

Dr Anna Ciccarelli was responsible for the International and Development portfolio, which includes the University's International office, the Marketing and Development Unit and the Anne & Gordon Samstag Museum of Art. Anna began at the University on 28 April 1998, and took up the role in International and Development in February 2004. In April 2010 Anna left the University to take up the position of Deputy Vice Chancellor and Vice President (International) at the University of Queensland.



Acting Deputy Vice Chancellor and Vice President: Academic (to February 2010)

Associate Professor Margaret Peters
Dip T GradDipEd Admin BEd (Applied Language Studies) BEd PhD

Associate Professor Margaret Peters is the Dean: Research & Research Education in the Division of Education, Arts and Social Sciences and Chair of Academic Board. She is a member of the Hawke Research Institute and a former director of the Research Centre for Gender Studies. Margaret was the Acting Deputy Vice Chancellor and Vice President: Academic from July 2009 to February 2010.



Pro Vice Chancellor and Vice President: Participation and Engagement (to July 2010)

Professor Hilary Winchester
MA DPhil FAICD

Professor Hilary Winchester was appointed Pro Vice Chancellor and Vice President: Strategy and Planning in 2003. In November 2009 she took up a new role as Pro Vice Chancellor and Vice President: Participation and Engagement. She had responsibility for the Centre for Regional Engagement and also for the Centre for Participation and Community Engagement at Mawson Lakes. On Hilary's retirement from the University in July 2010, the Deputy Vice Chancellor: Academic took responsibility for the University's participation strategy. The Vice Chancellor took responsibility for the Centre for Regional Engagement.



Acting Pro Vice Chancellor and Vice President: International and Development (to September 2010)

Alan Brideson
BA(Hons) MA CPM

Alan Brideson was responsible for the International and Development portfolio from January to September 2010 following the departure of Dr Anna Ciccarelli. Alan joined the University in 1996 as the Manager Public Affairs and became Director Marketing and Development in 1999.

Staff development

Workplace relations

In December 2010 in-principle agreement was reached on a new Enterprise Agreement. The new agreement is a significant achievement as it unifies three previous agreements (covering security and grounds, document services, and academic and professional staff). The formal processes for endorsement and certification occurred early in 2011.

Recruitment

We have continued the process of workforce development and renewal by attracting significant new talent and by further developing the talent within the University. Some of the high-profile staff recruited in 2010 are listed in the Vice Chancellor's report, page 7.

To improve the efficiency and effectiveness of our global recruitment strategy, we refined our electronic recruitment systems and improved support for the management of visas and immigration.

In 2010, a major survey of applicants to UniJobs, Australia's university jobs website, ranked UniSA in the 10 most desirable Australian universities in which to seek employment.

Development

The Australian Universities Quality Agency has commended us twice (in 2004 and 2009) for our attention to staff development needs. In 2010, we continued to enhance the scope and depth of our development programs to help build workforce capacity and contribute to the career development opportunities of staff.

Improving service

During 2010 we engaged in a wide range of change projects and structural reform to adapt to changing work conditions, and improve workflows and performance in several areas. For example, our Service Improvement Project completed a wide-ranging analysis of the Division of IT, Engineering and the Environment's business systems, workflows and professional staff support. This contributed to a major realignment of the service and professional staff support framework to improve the Division's business outcomes.

Occupational health, safety, welfare and injury management

A key focus during 2010 was the custom design and development of an in-house incident/hazard reporting and investigation system. It enables staff to report a hazard,

incident or near miss from anywhere in the world and at any time. The reports trigger work flows enabling fast response for early intervention injury management and implementation of corrective actions to prevent recurrence.

A WorkCover Evaluation in February returned a finding of a conforming OHSW&IM System against the Self Insurer Performance Standards, resulting in renewal of the self-insured license. We continue to strive for improvement in our safety management system to ensure a safe and healthy workplace.

The rate of reported injuries and illness among staff continued to drop. The overall incidence rate dropped by 49% and the lost-time injury frequency rate by 50% compared with the previous year.

Staffing

In 2010 we employed 2,896 full-time equivalent (FTE) staff (including casuals), an increase of 79 FTE (3%) over 2009. Of the total FTE, 56% were in continuing positions, 28% held contract positions and 16% were employed casually.

We are committed to improving the proportion of Indigenous staff to reach a 2% target. In 2010, the percentage of staff who self-identified as Indigenous was 1.2%. We have taken several steps to improve employment opportunities, including offering two sponsored places for Indigenous graduates in our graduate employment program. The two graduates were recruited in 2010 and started their involvement in the program in January 2011.

The percentage of professional staff under the age of 25 was 5.5% in 2010. We continue to provide opportunities for young people to join our workforce, such as a program that supports employment in the University of our graduates.

In 2010, women comprised 59% of our FTE workforce (excluding casuals). Women make up 47% of the academic workforce and 68% of professional staff.

Women are still under-represented at senior levels: 31% of academics at Level D and above and 44% of professional staff at levels HEO10 and above are women. The percentage of our academic staff with a doctorate is a key performance indicator; however, more male academics than females have achieved this qualification (70% of males and 60% of females).

Although fewer female academics apply for promotion than males, when considering the success rate of female and male academic promotion applicants at UniSA, women are consistently more successful than men. In 2010, 15, or 68%, of female applicants gained promotion compared with 13, or 52%, of male applicants. The only two academics to be promoted to Level E were women.



Statement of comprehensive income

For the year ended 31 December 2010

	Consolidated		University	
	2010 \$'000	2009 \$'000	2010 \$'000	2009 \$'000
Revenue from continuing operations				
Australian Government financial assistance				
Australian Government grants	222,120	206,705	222,120	206,705
HECS-HELP Australian Government payments	82,787	76,105	82,787	76,105
FEE-HELP	5,525	5,277	5,525	5,277
State and local government financial assistance	8,501	11,630	8,501	11,630
HECS-HELP student payments	13,389	12,986	13,389	12,986
Fees and charges	109,751	107,175	109,751	107,175
Investment revenue	11,647	6,548	24,247	7,178
Royalties	566	638	606	503
Consultancy and contract research	25,690	27,107	25,851	27,273
Other revenue	23,693	19,398	16,386	11,291
Total revenue from continuing operations	503,669	473,569	509,163	466,123
Gains/(losses) on disposal of assets	14,910	(418)	560	(418)
Total income from continuing operations	518,579	473,151	509,723	465,705
Expenses from continuing operations				
Employee-related expenses	282,585	264,692	277,669	258,732
Depreciation and amortisation	27,608	26,744	27,548	26,525
Repairs and maintenance	8,709	8,403	8,708	8,385
Other expenses	128,446	131,372	125,359	128,657
Bad and doubtful debts	354	204	354	204
Total expenses from continuing operations	447,702	431,415	439,638	422,503
Operating result before income tax	70,877	41,736	70,085	43,202
Income tax expense	539	214	119	214
Operating result attributable to the members of the University of South Australia	70,338	41,522	69,966	42,988
Property, plant and equipment revaluation surplus:				
Gain/(loss) on revaluation of land and buildings	34,345	-	34,345	-
Gain/(loss) on revaluation of library	-	(83)	-	(83)
Gain/(loss) on revaluation of available-for-sale financial assets	(357)	1,591	(357)	1,591
Gain/(loss) on revaluation of art collection	130	-	130	-
Total comprehensive income attributable to the members of the University of South Australia	104,456	43,030	104,084	44,496

The above statement of comprehensive income should be read in conjunction with the notes to and forming part of the financial statements. A copy of the financial statements is available at <http://www.unisa.edu.au/fin/resources/afs/default.asp>

Statement of financial position

As at 31 December 2010

	Consolidated		University	
	2010 \$'000	2009 \$'000	2010 \$'000	2009 \$'000
Current assets				
Cash and cash equivalents	214,268	145,632	197,935	143,459
Receivables	31,071	27,268	30,942	26,063
Deferred Government superannuation contribution	29,000	26,000	29,000	26,000
Other non-financial assets	16,804	9,973	29,903	10,711
Total current assets	291,143	208,873	287,780	206,233
Non-current assets				
Other financial assets	6,560	7,312	7,267	7,508
Property, plant and equipment	662,011	610,975	661,984	610,551
Intangible assets	6,251	5,553	6,251	5,553
Deferred Government superannuation contribution	358,300	330,600	358,300	330,600
Total non-current assets	1,033,122	954,440	1,033,802	954,212
Total assets	1,324,265	1,163,313	1,321,582	1,160,445
Current liabilities				
Trade and other payables	27,903	30,694	27,471	30,070
Provisions	16,952	18,172	16,757	17,634
Current tax liabilities	663	689	663	689
Other liabilities	67,222	41,241	67,317	41,314
Provision for superannuation	29,000	26,000	29,000	26,000
Total current liabilities	141,740	116,796	141,208	115,707
Non-current liabilities				
Trade and other payables	4,575	4,149	4,575	4,149
Provisions	34,434	31,008	34,434	31,008
Provision for superannuation	358,300	330,600	358,300	330,600
Total non-current liabilities	397,309	365,757	397,309	365,757
Total liabilities	539,049	482,553	538,517	481,464
Net assets	785,216	680,760	783,065	678,981
Equity				
Reserves	160,761	126,643	160,761	126,643
Retained earnings	624,455	554,117	622,304	552,338
Total equity	785,216	680,760	783,065	678,981

The above statement of financial position should be read in conjunction with the notes to and forming part of the financial statements. A copy of the financial statements is available at <http://www.unisa.edu.au/fin/resources/afs/default.asp>

Statement of cash flows

For the year ended 31 December 2010

	Consolidated		University	
	2010	2009	2010	2009
	\$'000	\$'000	\$'000	\$'000
Cash flows from operating activities				
Inflows:				
Australian Government grants received	307,804	293,498	307,804	293,498
OS-HELP (net)	4	(3)	4	(3)
Superannuation Supplementation	23,845	28,924	23,845	28,924
State and local government grants	12,222	10,173	12,222	10,173
HECS-HELP student payments	13,389	12,986	13,389	12,986
Receipts from student fees and other customers	118,332	116,632	118,136	115,775
Dividends received	1,371	1,536	1,755	1,434
Interest received	7,673	4,607	7,584	4,533
Royalties	566	638	606	503
Consultancy and contract research	32,323	28,172	31,409	27,757
Other receipts	33,368	19,406	26,130	11,299
GST recovered/paid	5,524	6,813	5,541	7,353
Outflows:				
Payments to suppliers and employees (GST incl.)	(457,517)	(436,859)	(448,898)	(427,715)
Net cash provided by/(used in) operating activities	98,904	86,523	99,527	86,517
Cash flows from investing activities				
Inflows:				
Proceeds from sale of property, plant and equipment	1,450	354	904	354
Proceeds from sale of investments	15,254	380	585	230
Outflows:				
Payments for property, plant and equipment	(46,174)	(52,116)	(45,895)	(51,903)
Payments for investments	(798)	(888)	(645)	(304)
Net cash provided by/(used in) investing activities	(30,268)	(52,270)	(45,051)	(51,623)
Net increase/(decrease) in cash and cash equivalents	68,636	34,253	54,476	34,894
Cash and cash equivalents at the beginning of the financial year	145,632	111,379	143,459	108,565
Cash and cash equivalents at the end of the financial year	214,268	145,632	197,935	143,459

The above statement of cash flows should be read in conjunction with the accompanying notes to and forming part of the financial statements. A copy of the financial statements is available at <http://www.unisa.edu.au/fin/resources/afs/default.asp>

Abbreviations

AHE	Australian Higher Education
ALTC	Australian Learning and Teaching Council
ARC	Australian Research Council
CRC	Cooperative Research Centre
CRC CARE	Cooperative Research Centre for Contamination Assessment and Remediation of the Environment
CRE	Centre for Regional Engagement
EQUIS	European Quality Improvement System
ERA	Excellence in Research for Australia
GRC	Graduate Research Centre
HERDC	Higher Education Research and Data Collection
MBA	Master of Business Administration
NHMRC	National Health and Medical Research Council

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Campuses

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City East Campus

North Terrace
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South Australia 5000

Mawson Lakes Campus

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Mawson Lakes
South Australia 5095

Magill Campus

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Magill
South Australia 5072

Whyalla Campus

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