

2011 Annual Report



Statement of Compliance

The Hon. Dr Elizabeth Constable (MLA)
Minister for Education
19th Floor, Governor Stirling Tower,
197 St Georges Terrace,
PERTH WA 6000

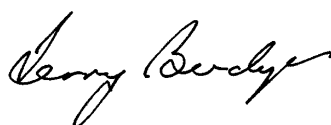
14 March 2012

Dear Minister,

In accordance with Section 63 of the Financial Management Act 2006, we hereby submit for your information and presentation to Parliament the Annual Report of Murdoch University for the financial year ended 31 December 2011.

The Annual Report has been prepared in accordance with the provisions of the Financial Management Act 2006.

Yours sincerely



T C Budge
Chancellor



R A Higgott
Vice Chancellor

Murdoch University

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CRICOS Provider Code: 00125J

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Our vision

Murdoch will be an innovative and enterprising university, leading discovery for a better future.

Our values

Murdoch's values are an intrinsic part of the university culture. These values give a sense of identity and a continuing context for all our activities.

- Equity and social justice
- Sustainability
- Global responsibility
- Innovation and entrepreneurship

Strategic Plan 2010-2015

The Strategic Plan 2010-2015 sets out the following objectives for the University.

Academic profile:

Define Murdoch's future profile
Determine strategic research focus
Achieve a staff profile which supports Murdoch's core activities
Ensure student engagement and success

Internationalisation:

Increase internationalisation at Murdoch
Increase international student enrolment and completion
Grow transnational opportunities
Build international research linkages

Quality and reputation:

Improve student attraction
Consolidate and build brand awareness
Enhance engagement with stakeholders

Strategic investment capacity:

Diversify income sources
Maximise asset efficiency
Increase philanthropic and corporate support

Innovation and excellence:

Grow innovation
Extend research impact
Achieve excellence

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Chancellor's Report

2011 heralded the start of a new era for Murdoch University. Looking back across all our operations, it was a year to reflect, review and make clear, focused and decisive plans that will ensure the University remains strong in an ever-changing environment.

The year began with the retirement from academia of former Vice Chancellor, Professor John Yovich, who left the University in a position of financial strength.

Following a rigorous international search and a lengthy interview process, the University appointed internationally-renowned political economist Professor Richard Higgott to become the eighth Vice Chancellor of Murdoch University. He began his role in August, and the University community joined me in welcoming him.

He was previously Pro Vice Chancellor for Research at the respected University of Warwick in the UK and so brings to Murdoch a wide array of senior university management experience in one of the world's most successful young universities.

Professor Higgott's expertise, combined with his knowledge and experience of both the Australian university system and Western Australia, represents a perfect combination of skills for the incoming Vice Chancellor of an internationally ambitious, but locally-grounded university such as Murdoch at this important stage in its development.

Professor Higgott replaced Professor Gary Martin who served as the interim Vice Chancellor for five months after Professor Yovich's retirement. Professor Martin left the University in January 2012 after an outstanding 21 year career. His leadership during his time as Vice Chancellor ensured the smooth running and continued growth of Murdoch in this transitional period.

A key driver in 2011 has been the Commonwealth Government's Transforming Higher Education agenda, which is aiming to significantly raise participation in higher education in low socio-economic areas and increase the number of mature Australians with a degree.

With a well-established reputation for diversity, equity and social justice, Murdoch is already in a strong position to contribute to this agenda. In 2011 we boosted our efforts by strategically re-focusing our recruitment efforts in our primary catchment area, which is the southern metropolitan corridor and regional south-west areas of Western Australia.

Our flagship PX2 program is raising the aspirations of thousands of high school students in areas that for many years have experienced low university enrolment rates. Through expansion of our OnTrack program, which offers alternative pathways to university, we are boosting numbers across the board and giving people a second chance to access higher education.

Once enrolled at Murdoch, we offer a range of comprehensive support services to students to make the transition to university a smooth one. In 2011 we introduced a team of first year advisors to help students manage this challenging time.

Complementing these initiatives is the University's continued investment in new and upgraded facilities, such as the state-of-the-art buildings for Chiropractic and Sport Science and Engineering and Energy, to ensure the Murdoch University experience remains world-class.

We also continue to explore new teaching, learning and research opportunities through partnerships with external organisations, and in 2011, we were thrilled to formalise our relationship with the WA Cricket Association. This will give students and staff across the University the opportunity to undertake valuable placements and pursue research projects in areas like sports science, media and business management.

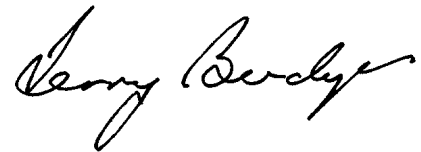
We also welcomed many generous donations through the Murdoch University Foundation that will help us meet our research ambitions and give our students the opportunity to succeed. This included \$900,000 over three years from the McCusker Charitable Foundation to support health research, particularly in multiple sclerosis. Shares in Fortescue Metals Group (FMG) valued at \$1.3 million were donated by FMG Chairman Andrew Forrest and his wife Nicola to support the work of our Institute for Immunology and Infectious Diseases (IIID). A pledge of \$250,000 from an anonymous donor has enabled us to establish 10 new scholarships each year for the next four years to provide much-needed support for students in financial need.

The University has again produced a solid financial result for 2011, and its financial position remains strong, despite the changing funding environment and ongoing cost pressures. Student numbers grew from 18,103 in 2010 to 19,733 in 2011 and the University continued to diversify its revenue sources as a key financial management strategy, and one of the cornerstones of our Strategic Plan 2010-2015. In addition

the University's endowment fund, which is a key investment strategy to support long-term financial sustainability, grew during the year, with an additional \$10 million available for long-term investment.

The University completed its review of the Senate Governance Framework, which began in 2010. Recommendations from the Review which will enhance the integrity, transparency and accountability of Senate governance were completed in 2011, aside from state legislature amendments still in process.

Along with the Senate I look forward to welcoming the new senior management to progress the many strategic opportunities open to Murdoch including the development of our Eastern Precinct, adjacent to the new Fiona Stanley Hospital.



Mr Terry Budge
Chancellor



Vice Chancellor's Report

One of Murdoch's greatest strengths is its ability to adapt to change. In 2012, Australia's higher education sector will transform rapidly and we will face new challenges to maintain and build our reputation.

To ensure we are well prepared for this new environment, one of my first tasks upon joining Murdoch was to refine and revitalise the senior leadership group to provide a clear, strategic direction for the University.

Professor Ann Capling and Professor David Morrison officially began their roles as Deputy Vice Chancellor (Education) and Deputy Vice Chancellor (Research) respectively in February 2012. Both are significant scholars with outstanding international reputations in their respective disciplines.

In addition, the University appointed Jon Baldwin as Deputy Vice Chancellor (Professional Services) in early February 2012.

In December I circulated a discussion paper for organisational and governance reform throughout the University. The information and structures presented in the paper were aimed at generating thought, consideration and discussion within the University community. My proposed restructure will be based on a shared governance model with a reduced senior leadership team, fewer schools and the disestablishment of the current seven research institutes.

One of our priority activities for 2012 will be the establishment of a Curriculum Commission to undertake a wide-ranging and forward thinking review of our undergraduate and postgraduate coursework programs and degree structures.

Following extensive consultation with staff, we are expecting to implement the changes later this year.

Reviewing our organisational structure and governance will assist the University in its response to the number of external factors impacting our student markets. Factors which have the potential to adversely impact income projections include:

- increased competition in the Australian and international marketplaces, primarily from private providers and the Vocational Education and Training (VET) sector;
- rapid technological and social change;

- shifting demands in student and employer expectations of university education;
- the continuing global financial crisis and the strong Australian dollar;
- the student-centred funding model taking effect in 2012; and
- the half-cohort of school leaver entrants in 2015.

Murdoch is closely monitoring all of these factors, and has already introduced a number of initiatives to proactively respond to these market conditions. This includes diversification of both teaching and non-teaching related revenue sources. Critically, budget projections on student income growth need to recognise the likely impact and pipeline of key drivers such as the half cohort.

Early in 2011, the Excellence in Research for Australia (ERA) initiative confirmed that most of Murdoch University's research areas are performing at world standard or above with almost 30 per cent of research areas performing above or well above world standard. Drawing on ERA results and input from industry and the wider community, Murdoch will identify and invest in areas of excellence. This will facilitate Murdoch's ability to leverage funds from multiple sources.

The University is building on its strategic engagement with relevant funding groups to attract both competitive grants and dedicated research funding to encourage sustained growth across all research income categories.

Central to our strategic plan is a commitment to re-focus our teaching and research in our areas of strength and rationalise fields of study that have low demand or no longer meet industry or government needs. We recognise that high quality research informs high quality teaching and remain committed to being a leader in our field. As a responsible, modern university we need to be relevant, broad-ranging and encourage creative and innovative thinking, but we also need to be sustainable in light of current economic conditions.

In 2012 we will also be preparing to be one of the 10 higher education providers to undergo the first re-registration process overseen by the newly-formed Tertiary Education Quality and Standards Agency (TEQSA). TEQSA's approach will be standards-based and emphasise risk assessment and management.

We are well prepared for this new regulatory environment having already made substantial preparations for the Cycle 2 AUQA audit which had been scheduled for August 2012. TEQSA has absorbed AUQA's quality assurance functions so the AUQA panel visit will not be proceeding.

One of the more exciting tasks I will have as Vice Chancellor is overseeing the early development of the University's Eastern Precinct, the area which is adjacent to the new Fiona Stanley Hospital.

The Eastern Precinct has some unique development opportunities for both the University and for partnerships with the state government and others. Appropriate and considered development of this site will see a vibrant and unique Australian community precinct. Murdoch's unique research and teaching expertise can be leveraged to provide a unique Australian resource.

Murdoch has highly qualified, loyal and highly motivated staff. I am privileged to have been vigorously welcomed into the community and look forward to helping the University to consolidate its reputation through excellence in both teaching and research.








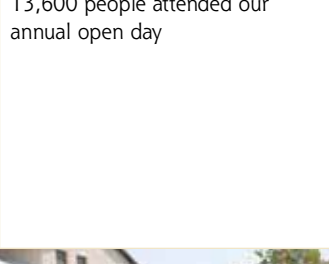



Professor Richard Higgott
Vice Chancellor



Year in Review

At a Glance

<p>Inaugural Excellence in Research for Australia (ERA) quality review awards Murdoch top scores in key areas of research strength</p>	<p>19,733 domestic students enrolled</p>		<p>Transnational enrolments, both full-time and part-time, grew to more than 4,000</p>
<p>Hosted 250 school recruitment activities</p>		<p>More than 2,000 Year 8 and 10 students took part in our PX2 program</p>	<p>Student numbers at our Singapore Kaplan campus increased by more than 1,000</p>
	<p>Opened state-of-the-art buildings for Engineering and Energy, Chiropractic and Sports Science and a new surgery teaching facility for Veterinary and Biomedical Sciences</p>		
<p>Received \$31,756,964 in research funding</p>		<p>Opened \$5 million desalination research facility at Rockingham campus</p>	
<p>13,600 people attended our annual open day</p>		<p>Invested \$150,000 in sustainability initiatives for our campuses through a dedicated sustainability fund</p>	<p>Murdoch University Foundation received more than \$4.8 million in donations and bequests</p>
<p>Planted 4,000 native shrubs and trees at the South Street campus</p>		<p>Collected 866 tonnes of waste for recycling</p>	<p>Murdoch University Foundation received more than \$4.8 million in donations and bequests</p>

Five Year Summary – Key Statistics

		2011	2010	2009	2008	2007
STUDENT STATISTICS	Total	19,733	18,103	17,701	16,647	15,382
Number of students	Commencing	8,227	6,983	6,846	6,305	6,103
Student load (EFTSL)	Total	13,611	12,671	12,543	11,831	10,720
	Undergraduate	11,592	10,750	10,664	10,025	9,061
	Postgraduate	2,019	1,920	1,878	1,806	1,659
Student load by funding source (EFTSL)	Commonwealth Grant Scheme	7,933	7,741	7,592	7,201	7,133
	Research Training Scheme	381	378	346	352	369
	Domestic fee paying					
	Undergraduate	0	11	9	18	4
	Postgraduate	642	590	548	568	484
	International onshore	1,584	1,634	1,794	1,692	1,488
	Transnational	2,980	2,197	2,122	1,810	1,053
	Other	91	120	132	174	188
STAFF STATISTICS	Total	1,556	1,595	1,565	1,483	1,481
Staff (FTE) (excluding casuals)	Academic					
	Teaching only	164	180	185	172	147
	Research only	58	63	75	85	86
	Teaching and research	422	428	415	394	373
	Other	26	20	26	22	21
	Non academic	886	870	894	898	856
FINANCIAL STATISTICS[#]						
Consolidated operating result (\$'000's)		3,017	25,948	14,542	14,421	55,787
Operating margin (%)		1	8	5	5	19
Net assets (\$'000's)		678,330	675,313	636,650	635,526	562,703
Total assets (\$'000's)		912,615	894,526	838,829	826,543	751,202
Total revenue (\$'000's)		308,861	306,400	286,710	275,581	300,558
Research income (\$'000's)		31,757	38,583	45,145	40,835	35,285

[#] The University revised its accounting policy on the recognition of research grant revenue and electronic library materials in 2011. 2010 figures have been adjusted to reflect the changes in accounting policy. The figures for 2007 to 2009 have not been adjusted to reflect the changes in accounting policy.

Staff statistics do not include staff employed by transnational partners.

Our Students



Students are the lifeblood of Murdoch University and in 2011 we continued to invest heavily in programs that would not only attract new students, but would support and encourage those already enrolled to achieve success.

We expanded our transition programs and pathways for entry and developed more social, sporting and cultural opportunities to ensure a well-rounded experience. New scholarships were introduced for regional students and we continued to expand our transnational, Study Abroad and exchange programs to ensure more had the opportunity to attend Murdoch University.

Strategic domestic recruitment

Arguably the greatest challenge facing all universities is the deregulated student marketplace which comes into effect in 2012 under the Commonwealth Government's Transforming Higher Education agenda, creating a more competitive environment.

Positioning Murdoch as a first-choice university has never been more critical and in 2011 we adopted a more strategic approach to our domestic recruitment activities, focusing more of our energy on our primary catchment area in Perth's southern corridor.

To assist with this task we employed a new Regional Recruitment Officer who is based at our Peel and Rockingham campuses and has been working with schools in the Mandurah region to build students' aspirations and help them realise that attending university is an achievable goal.

Domestic recruitment activities saw an increase in the number of future students visiting Murdoch through experience days, information evenings and open days. The domestic recruitment team attended or hosted over 250 events and visited schools across all regions of the state. In partnership with the other Western Australian universities, staff visited schools in Darwin for the first time.

Murdoch Open Day

The annual Murdoch Open Day on August 7 was a major highlight of the year, attracting 13,600 visitors. This was a significant increase on the 12,200 who attended in 2010 and can be attributed to a more targeted marketing campaign and growing word-of-mouth from previous visitors.

The level of participation on the day was also markedly improved, due to an increased number of 'hot spots' set up across the campus to facilitate engagement with visitors.

More than 700 volunteers from the staff and student populations helped us showcase the University and this year the vet school was once again a popular point of interest. We also recorded twice as many visitors to psychology compared to last year and triple the number to chiropractic and sports science.

The open day was hailed a major success, with almost 3,000 prospective students registering for further information. This is almost triple the number of registrations recorded in 2010.

Building aspirations

As part of our efforts to meet Commonwealth Government targets to increase the number of students from low socio-economic areas, we worked closely with high schools in our target catchment area to 'raise aspirations' through our innovative PX2 program, which is partly funded by the Federal Government's Higher Education Participation and Partnerships Program.

PX2 is a two-year, personal development program specifically designed for young people, providing them with easy to use and instantly applicable tools that help them clear roadblocks to their own success by understanding how their minds work. The program teaches students how their current beliefs and attitudes shape their expectations for the future. Being in control of what they think, they have the power to change the way they live their lives.

The program was trialled in 2009 with Rockingham Senior High School's Year 10 cohort. In 2011, with support from the City of Rockingham, Town of Kwinana and not-for-profit groups Bridging the Gap and the Nyoongar Sports Association, we rolled out the program to more than 2,000 year 8 and 10 students from five public schools that comprise the Peron Alliance Curriculum and Teaching (PACT) in the Kwinana-Rockingham region.

Results from 2011 indicate that 90 per cent of students would recommend the program to a friend. More than 80 per cent also said they felt more positive about themselves, were more in control and planned to use ideas from the program and set goals as a result.

In 2012 PX2 will be offered to year 9 and year 11 students following on from their 2011 involvement. From mid 2012, a new version of PX2 called It's My Life will be offered across the PACT schools to year 8 and year 10 students.

Forty year 12 students in the Peel region and from PACT schools were also given the opportunity to experience university life early in the inaugural TLC 110 Learning for Tomorrow unit. The after school sessions at Murdoch's Peel and Rockingham campuses with University staff encouraged the students to think more critically and creatively. The unit culminated with the students presenting on a global issue and answering questions about it from their peers, University and school staff, friends and family. Fourteen students who took the unit have since embarked on degree courses at Murdoch.

Smoothing the transition to university

Murdoch recognises that the first year at university can put a strain on people and offers a range of services to support students personally, academically and socially as they make the transition to higher education.

In 2011 we established a team of 18 first-year advisors and provided them with two weeks of training in communication and support skills. The role of these advisors is to identify and support students who may be struggling in their new environment. Contact is initially made with the students by telephone to identify any underlying issues that may be affecting their studies. The advisors also refer students needing extra support to appropriate services.

Feedback from this initiative has been very encouraging, with 98 per cent of students surveyed indicating they were happy to be contacted by an advisor. The survey also found that more than half the students had received a call and, of these, 52 per cent actually sought further assistance themselves.

Literacy support

Increasing numbers of students enrolling at university are displaying a low level of academic preparedness, especially in the area of literacy. In 2011, through our Student Learning Centre, we expanded our literacy support program.

One full-time member of staff is working with the School of Education at Rockingham and the School of Nursing and Midwifery at Peel to embed grammar, essay-writing and referencing into their first year units. At the South Street Campus we have added another full-time staff member to the Student Learning Centre, to work with students who need extra help.

Results from 2011 indicate that 90 per cent of students would recommend the PX2 program to a friend. More than 80 per cent also said they felt more positive about themselves.

Work integrated learning

A partnership between Murdoch and the Chamber of Commerce and Industry WA is expanding the range of opportunities for students to have a taste of working life before graduation, through the launch of a new initiative in Work Integrated Learning (WIL).

WIL provides diverse opportunities for students to connect what they are learning in their courses with the practical experience of work, and helps smooth the transition to the workforce.

The most familiar form of WIL is a student placement or internship in which universities, students and employers work together to design and create a learning experience that benefits all parties. Murdoch actively fosters partnerships that offer opportunities for students to gain valuable hands-on experience.

In December 2011, chiropractic, sports science and exercise physiology students were given the opportunity to volunteer at the World Sailing Championships in Fremantle. Working alongside an international delegation from Fédération Internationale de Chiropratique du Sport, the students were able to practise and refine their skills in a real-world environment.

Ten third-year nursing students, supported by two academic supervisors, travelled to northern Laos in late June for a two-week clinical placement. The students helped local nursing staff assess patients and deliver care. They also ran health education sessions for the local community and raised significant funds to support the construction of local health facilities and provide basic health supplies.

This innovative partnership is part of a national initiative between the Australian Chamber of Commerce and Industry (ACCI) and the Innovative Research Universities (IRU), launched in March.



Alex Lalovic

Case study:

An international experience

Alex Lalovic was the first exercise physiology student to complete an international internship with the United States' major league baseball team, the Seattle Mariners.

Alex spent two weeks with the team in Phoenix, Arizona, where he had the unique opportunity to work alongside some of the most respected specialists in the field, performing fitness assessments for lung and heart (electrocardiograms) function, body composition analysis, as well as specific baseball tests such as agility testing, vertical jump testing and trunk rotation power.

Alex said his internship gave him first-hand experience of what working in a professional sports context is really like.

"After I graduate I want to do my Masters, and then my goal is to eventually work in professional sports, so this was such a great opportunity for me," he said.

"I really enjoyed it – every day was good fun. Just establishing all those contacts and spending time in a different sporting culture, you get a lot more hands-on experience than you do sitting in a classroom."

External studies

The number of students completing their studies externally through Murdoch increased from 4,936 to 5,032 in 2011. Some of these students complete a full program off-campus while some undertake their coursework externally and come to campus for exams. A large number are also mixed mode, doing some units internally and some externally. Many science externals do an intensive practical week on campus.

Murdoch's external student community extends across the globe and in 2011 included active Defence Force personnel on deployment and a postgraduate student living on the Falklands Islands.

This year our focus has been on improving our support for external students. In the final quarter of the year we conducted a comprehensive survey to determine how we can improve their university experience through the use of social networking sites such as Facebook and Twitter and other support mechanisms.

Planning is now underway for a range of services to be launched in 2012, including the transition to a new learning management system and expanded use of social media tools to help build a stronger external student community.

International growth bucks trend

One of the greatest challenges facing universities in 2011 was the strong Australian dollar, which made it less affordable for international students to enrol in fee-paying onshore programs. The tightening of foreign student visa rules and bad publicity from student assaults in Melbourne and Sydney has also contributed to a general decline in the number of students travelling to Australia to study.

To counteract this and continue to grow its revenue stream from overseas students, Murdoch introduced the International Discoverers Scholarship Scheme for all international students in eligible courses in 2011. These scholarships were valued at between \$500 and \$5,000 per student per annum and in the first year of the scheme we awarded \$1,196,938 worth of scholarships to 501 students.

We joined forces with Perth Education City – a partnership between educational institutions, government and industry – to develop destination marketing strategies that would highlight the positive aspects of living and studying in Perth. We also introduced a 24-hour support line for international students, to provide them with reassurance, advice and information as they settled into their new lives in Western Australia. Twenty-nine students called the line in 2011 with enquiries ranging from general questions to physical medical concerns.

The combined effects of these strategies saw Murdoch experience modest growth in commencing international student numbers, despite a 4.4 per cent decline in international enrolments across the higher education sector. Commencing international students at Murdoch increased by 8.9 per cent in 2011.

Our international students came from more than 100 countries. Our largest source countries include Singapore, Malaysia, USA, Germany, China and Hong Kong. Attracting students from such a diverse international base reduces our risk of being severely affected by global issues and allows us to address changes in the international marketplace more effectively. It also ensures that a global perspective is injected into all our learning activities.

Offshore campus numbers increase

We continue to look for opportunities to deliver our programs and increase awareness of the Murdoch brand in emerging overseas markets, through partnerships with private training providers. We currently offer courses through partners in Singapore, Dubai and Malaysia and in 2011 we increased our transnational enrolments – both part-time and full-time – to more than 4,000.

The most significant growth was seen in Singapore, where we expanded our programs through our partnerships with the Kaplan Higher Education Group and SMa Institute of Higher Learning. We are now the second largest Australian provider in Singapore, having expanded programs significantly by adding a new Masters in Education, new commerce and economics majors and a new tourism and events course to available offerings. The number of students at this campus also increased by more than 1,000 to over 1,700.

In May 2011 our first cohort of four undergraduate students in Dubai proudly accepted their degrees. Their graduation was attended by Western Australian Premier Colin Barnett, who took time out from his busy schedule to meet students and staff. Since 2008, we have steadily grown our Dubai program and now offer Bachelor degrees in Commerce and Communications, Masters in Human Resource Management, Masters in Business Administration and a Masters in Education.

Social program for study abroad students

Each year Murdoch welcomes hundreds of students from other countries who enrol in non-award short courses or summer programs or as exchange students in undergraduate units. It has become a tradition for the University to organise trips to the north-west of Western Australia for these visiting overseas students. In 2011 we launched an additional social program to encourage these students to see more of Perth and its surrounds and help them develop friendships. Organised by the Study Abroad and Exchange Co-ordinator, this new program has been very popular and over the course of the year has provided 29 outings.

The most significant growth was seen in Singapore, where we expanded our programs through our partnerships with the Kaplan Higher Education Group and SMa Institute of Higher Learning.

Case study:

Supporting our international students

At Murdoch we have a strong commitment to social justice and equity and are committed to supporting all students to ensure they get the most out of their university experience.

During 2011, political unrest in Libya left a group of 38 international students without access to promised scholarship funds and facing the prospect of having to return to a country in chaos.

Working closely with its partners in Universities Australia and the Commonwealth Government, Murdoch made a commitment to provide financial support to the value of \$282,209 in fees and \$222,537 in living allowances for these students while the political situation stabilised. This decision allowed the students to remain in Western Australia and continue their studies.

Encouraging international exchange

Murdoch's vision is to create graduates who become global citizens and as such we have exchange partnerships with more than 40 universities worldwide. To boost our exchange program, in 2011 we added a full-time staff member to the Study Abroad office who is dedicated to outbound mobility. This resulted in a 50 per cent increase in outbound exchange students in the second semester and a massive increase in applications (more than 100 per cent) for the first semester 2012.

As part of our expansion strategy, in 2011 we engaged in robust discussions with more than 20 Chinese educational institutions to identify key relationships for further development. The appointment of a new Senior Relationship Manager in mid-2011 is helping us extend our reach into these untapped markets.

Alternative pathways to university

At Murdoch we work closely with a range of Vocational Education and Training (VET) providers to strengthen and establish alternative pathways to university for students with TAFE or other VET qualifications.

In 2011 we began reviewing our articulation arrangements with Challenger Institute, Polytechnic West, Central Institute of Technology and many other domestic and international institutions. This review is continuing in 2012.

We also increased access to our popular OnTrack enabling program, which is an on-campus, one-semester course designed to help people from disadvantaged or disrupted educational backgrounds gain entry to university. Launched in 2008, the course was previously only available at one of our regional campuses each semester. In 2011 a strategic decision was made to offer the program at all three campuses, all year round. This led to a significant increase in participants. In the first semester we had 165 enrolments – a significant increase on the 86 participants recorded in its inaugural year.

OnTrack consists of three modules that develop generic skills, knowledge and values required for successful university learning in science and social science courses. Students who require support in English as a Second Language receive additional tutoring.

Indigenous enrolments and support

In 2011 our Kulbardi Aboriginal Centre was revitalised with the appointment of a new director. Since joining the Kulbardi team, Professor Rhonda Marriott has led the University's involvement in a national review of indigenous education and embarked on robust engagement with indigenous groups to develop further alternative pathways to university for indigenous students.

These pathways are designed to provide realistic and achievable options for Aboriginal students who have not attained Year 12 matriculation. In 2011 we refined our selection process in consultation with relevant stakeholders to ensure those students who gained entry were equipped with the right cultural and learning skills to succeed.

The Kulbardi Aboriginal Centre's Tertiary Entrance Course (KATEC) is a 12-month program that aims to equip students with the necessary skills to undertake university degree studies or seek employment. On completion of the course, students graduate with a diploma award and are guaranteed an offer of a place in an undergraduate major (which is not subject to quota) of their choice.

This year the Centre also offered two short courses in pre-law and pre-media.

For 2012, the KATEC program will be replaced by the new six-month K-Track course, which includes both science and social science components. Successful completion of K-Track makes students eligible to enrol in OnTrack, offered through the Student Learning Centre, as a university entrance pathway.

Open Universities Australia

Murdoch is a registered provider through Open Universities Australia (OUA) – an umbrella organisation that offers a range of external fee-paying degree programs and individual units of study through institutions in Australia and across the globe.

In 2011 we increased participation in a number of units offered through OUA as well as our total enrolments, which went up to 7,822 unit enrolments across the first three study periods of 2011. We also participated in a pilot scheme to offer Commonwealth Grant Scheme (CGS) places in our Bachelor of Security, Terrorism and Counterterrorism through OUA. Enrolment was via invitation and was subject to Murdoch's standard admission criteria. A total of 41 students embraced this opportunity, which made it more affordable for them. In 2012 we plan to add additional units to the OUA program.

Case study:

Supporting our indigenous students

Deborah Graham has achieved far more than she ever thought was possible.

The Indigenous mother-of-three has just graduated from Murdoch with a Bachelor of Nursing and has embarked on a postgraduate placement with Silver Chain Nursing.

Deborah, who graduated from high school in 1985, completed our *Koort Mooditj: Pre-Nursing for Indigenous Students* program and gained immediate entrance into a Bachelor of Nursing course. She also achieved high distinctions in the Kulbardi Aboriginal Centre's Tertiary Entrance Course.

"The decision to study at university changed my outlook and was a huge turning point in my life," Deborah said.

"While it's been great, the biggest challenge I faced was balancing a family with my studies.

"I have three teenage children who have given me support and encouragement. But ultimately, time management has been the key to my success."



Deborah Graham is on a postgraduate placement with Silver Chain Nursing

When lectures clashed with family commitments, Deborah relied on Murdoch's online lecture system, Lectopia. She used the Koort Mooditj room at the Peel campus, which contains a host of equipment and other resources for use by students, and was also the recipient of two scholarships provided to mature-age, Indigenous students. These helped her buy vital equipment for her nursing degree.

The *Koort Mooditj: Pre-Nursing for Indigenous Students* program is no longer offered by the University but there are now alternative entry pathways through the K-Track and OnTrack courses run by the Kulbardi Aboriginal Centre and the Student Learning Centre. The Centre plays a vital role in assisting the University to meet its commitment to the education of Indigenous people.



Participants in one of the Executive Education Centre's programs

Careers Centre

Murdoch's Careers Centre provides students with a range of resources and support to help them apply for jobs, especially in their final year of university. Traditionally the centre has staged one large university-wide careers fair each year, but in 2011 a strategic decision was made to increase the number of school and faculty-based career activities and direct more of our resources into helping students prepare resumes and polish their interview skills. Students were also encouraged to attend a major careers fair staged in the City of Perth.



e-Mentoring Network

In 2011 we launched the Murdoch e-Mentoring Network via the professional networking site, LinkedIn. This free service encourages peer mentoring by alumni for current students and new graduates as they make the transition into their new careers. It also creates a forum for the sharing of information and experiences relevant to career development.

Executive Education Centre

At Murdoch we understand the vital role continuing education plays in developing leadership and management skills, improving organisational performance and building effective and sustainable enterprise.

In April 2010 we established the Executive Education Centre (EEC) to help organisations consolidate their structures and systems and give people the awareness and tools to realise both their individual and organisational goals, and to diversify the University's offerings.

Despite being a new entrant in a mature local market, the Centre recorded encouraging results in 2011, particularly in its flagship program *Transition to General Management*.

This year the EEC also added a Management Masterclass to its suite of programs and was contracted to deliver this to a cohort from the Port Hedland Port Authority. In conjunction with the Department of Agriculture and Food WA, it also delivered 10 five-module programs in regional areas to farmers under the Building Farmers' Capacity Program.

Despite being a new entrant in a mature local market, the Centre recorded encouraging results in 2011.



Achievements

Awards for outstanding journalism student

Postgraduate student Alex Soares (above) was named Most Outstanding Journalism Student at the 2011 WA Media Awards. The judges said Alex demonstrated great perseverance in researching and interviewing his subject – an East Timorese freedom fighter who was telling his story for the first time. They also said his powerful photographic essay on the same topic was well composed and well supported by descriptive captions. Alex was the only print entrant among a plethora of radio and television students, but the judges said he showed great initiative and sensitivity in handling complex issues.

Plant pathology prizes

PhD student Matthew Tan and Masters student Amy Smith won Best Presentation and Peer Award prizes respectively in the fifth annual Australasian Plant Pathology Society student presentation competition.

Matthew spoke about his work developing new molecular diagnostic methods to identify nematode pathogens of crop plants, which is supported by the Cooperative Research Centre for National Plant Biosecurity. Nematodes are microscopic unsegmented roundworms that attack plant roots.

Amy took out the Peer Award for her presentation on pathogens in Western Australian nursery plants. She has conducted a targeted survey at two wholesale plant nurseries in Western Australia over the course of one year to identify water moulds present in plant stock being sold to retail nurseries.

Murdoch defeated 17 other law schools from around the world. This was the first time a WA university has won this moot competition.

Law School competition success

A team from Murdoch Law School won the 2011 International Maritime Law and Arbitration Moot competition. The finals of this competition, which has been organised by Murdoch Law School since 2006, were held at the National University of Singapore in July. Murdoch defeated 17 other law schools from around the world. This was the first time a WA university has won this moot competition.

Another team also won a number of awards at the 10th Annual International Law School Mediation Tournament, which was organised by the International Academy of Dispute Resolution and held at BPP Law School in London in March. They won the Mediation Division of the competition and were Grand Finalists in the Attorney/Client Division. Stephen Petersen was presented with an individual award as one of the Outstanding Top Ten Mediators and Murdoch Law School was awarded the Outstanding New International Mediation Program Award in recognition of the success of the Invitational Mediation Tournament that was hosted by Murdoch Law School in October 2010.

Champion meat judges

Our meat judging team beat nine other universities to be named champion Australian team at the 2011 Intercollegiate Meat Judging Competition in Armidale, New South Wales.

Murdoch team coach and Post Doctoral Research Fellow, Peter McGilchrist, said the goal of the meat judging program was to expose students to the basics of meat science and make them more aware of the end result of a production system.

The competition followed a three-day conference where students were addressed by leaders in the beef, lamb and pork industries, challenging them to become engaged with the industry.

German partnership pays off for Michelle

A partnership between Murdoch Business School and Germany's Ostfalia University of Applied Sciences is opening up a host of opportunities for students. Bachelor of Commerce student Michelle Stanley has been selected from a pool of applicants to undertake a six-month internship in the Faculty of Business at the German institution.

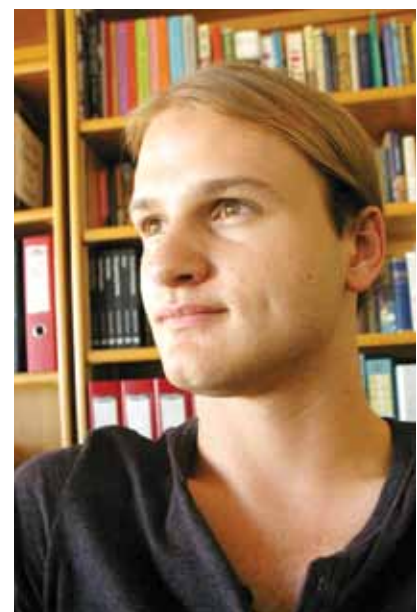
Applications for the internship were invited in February 2011 from all second and third year students enrolled in a Bachelor of Commerce, Bachelor of Economics, Bachelor of Business Sustainability or Bachelor of Marketing and Media at Murdoch.

Michelle will be heading off in early 2012 and is looking forward to gaining valuable experience in international projects, developing and creating lecture material and case studies in English and supporting research projects.

Ambassador role for Reece

Communication Studies and International Relations graduate Reece Harley (below) was chosen as the City of Perth's International Youth Ambassador for 2011.

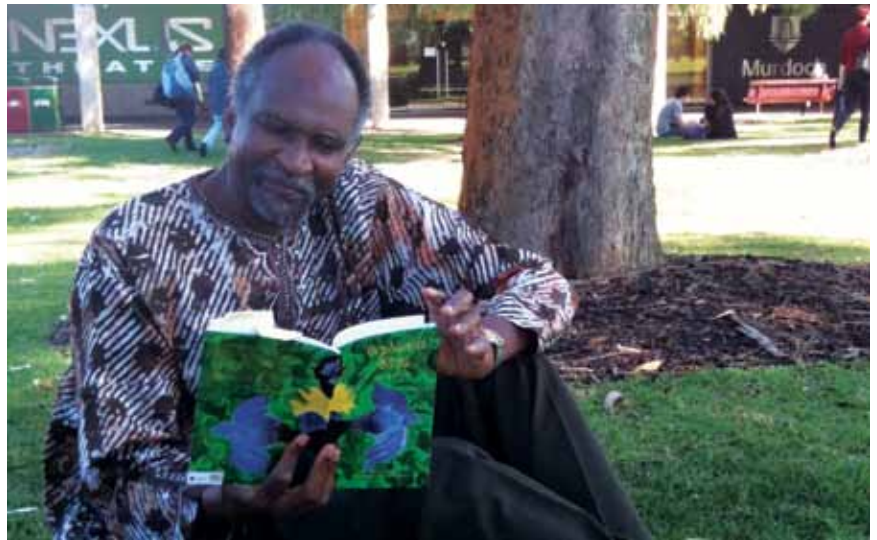
The 24-year-old, who had been a member of the Perth Youth Advisory Council for almost three years, travelled to Canada and the United States in May to meet with other youth groups from Halifax and Houston. Of particular interest to Reece and the City of Perth were Halifax's interaction with its waterside and Houston's strategies to improve public transport.



Nomination for playwright

Afeif Ismail, pictured right, was nominated for an Australian Writers' Guild award for his children's play, *The African Magician*, during his first year of a Bachelor of Arts in English and Creative Writing and Theatre and Drama.

Afeif is already a published poet, playwright, storyteller and human rights activist. *The African Magician* is based on another of his plays, *The Son of the Sun*, written in Arabic and transcreated into English by Afeif and his co-transcreator Vivienne Glance. The play was commissioned by Barking Gecko Theatre Company and performed in 2010 at the Subiaco Arts Centre.



Dream job

Communications and Commerce student Sean McMahon, pictured right, was plucked from a national pool of talent to work as a Media Assistant to the Australian team, the Uniroos, at the 26th Summer Universiade in Shenzhen, China, in August.

Sean's role was to be the eyes and ears of the team, reporting back to the Australian media, universities, sporting clubs and organisations and partner organisations. He also assisted the international media with enquiries to the Australian team.

Sean received a \$500 grant from the Vice Chancellor's Student Development Fund to help cover the costs of his trip to China, including flights, team uniform, accommodation, travel insurance, Chinese visa, games registration and entry fees, ground transport, and meals.



Law student honoured

While completing his final exams, Ben Bullock, pictured right, was named a finalist in The College of Law – Law Student of the Year Award, which judges students on academic achievement, work experience, extra-curricular activities, participation in university life and contribution to the community.

At Murdoch Ben was top of his class in Advanced Criminal Law, participated in mooting and client interview competitions and represented the University in Australian Rules football, cricket and hockey.

He was also a founding member of the Murdoch Criminal Law Colloquium, a group formed by students who share an interest in criminal law and wish to expand their knowledge, and worked part-time as a paralegal at the Midland Information, Debt and Legal Advocacy Service.



Teaching and Learning



In 2011 Murdoch developed a new Teaching and Learning Plan which was approved by the University's Academic Council. An operational plan under the University's 2010–2015 strategic plan, this document has a strong focus on the University's goals in relation to work integrated learning (WIL) and internationalisation and clearly defines the actions required to achieve these goals.

WIL is already embedded across many Murdoch courses, but our goal is to ensure that the opportunity to learn in the workplace is afforded to all students. This plan provides assistance by mapping all WIL opportunities across the campuses. It also makes available additional resources within the Educational Development Unit to grow further WIL opportunities through careful nurturing of industry relationships.

Courses of the University will be required to comply with the Work Integrated Learning Policy by 2015.

Being a truly international university is another of our key strategic goals and, under the new Teaching and Learning Plan, we have embarked on a two-year project to fully internationalise our curriculum.

Overseen by an Academic Council steering group, this review will ensure that all Murdoch students, wherever they are located, receive an education that is relevant and contextualised.

It will focus on developing the graduate attribute of global citizenship, which requires a measure of cultural literacy and experience, and enhancing the international experience of domestic students through Study Abroad and Exchange Programs.

Business study tour heads overseas

The second Murdoch Business School International Study Tour took place during winter term. Undergraduate students from across the University, together with Jo Kestel and Dr Megan Paull from the Business School, left Perth on June 23 for Western Europe.

The purpose of the study tour was to develop students' global competency and appreciation of European business practices in a variety of locations. A highlight of the tour was a visit to Austrade, which provided insight into the importance of trade relations between Australia and France.

Bribery and corruption were high on the Organisation for Economic Cooperation and Development (OECD) agenda and the group was also privileged to attend a presentation by an Australian lawyer on what is being done to eliminate these practices in third world countries.

Nursing and midwifery for today's world

A revitalised Bachelor of Nursing course for the School of Nursing and Midwifery at the Peel Campus has been accredited by the Australian Nursing and Midwifery Accreditation Council.

A curriculum group was set up in 2010 to undertake a review of the current program. This group included current and past students, academics, local practitioners and senior health managers and leaders. Members were asked to review the current course content with a view to establishing a revitalised curriculum benchmarked against established standards of best practice in education and with an emphasis on the changing health care needs of people in the community.

The outcomes of this review will be evident in the new course content to be launched in 2012, which will focus on developing well-prepared health professionals who have a clear understanding about modern-day health problems.

Murdoch's Bachelor of Nursing program is offered from the Peel Campus and continues to experience record growth. Approximately 60 per cent of students are drawn from the surrounding regional area while 40 per cent hail from the metropolitan area and other regions within Western Australia.

New postgraduate qualification for international education

In 2011 Murdoch introduced Australia's first Postgraduate Certificate in International Education in Schools. This six-month, full-time course qualifies teachers to work in primary and secondary international schools worldwide that deliver the increasingly popular International Baccalaureate (IB) qualification to children.

The course is available online and provides articulation into the Masters of Education. It also offers the opportunity for accredited work placements in some of Perth's leading international schools.

MOU signed with WA Cricket Association

Murdoch has recently developed links with the WA Cricket Association (WACA), giving students across the University the opportunity to undertake valuable clinical placements in areas like sports science, media and business management.

In 2011 the University signed a Memorandum of Understanding with the WACA to formalise this arrangement and enable the development of further teaching, learning and research opportunities.

Under this agreement, Murdoch made a commitment to upgrade the playing fields and provide space for 21 practice wickets at its South Street Campus providing new training facilities for the WACA while the WACA made a commitment to provide a full-time curator for the fields. A range of related teaching and research projects will flow from the agreement including tourism and events, journalism/media, public relations and management. The cricket fields were officially opened on Friday, November 11, prior to the Women's National Cricket League T20 match between the Western Fury and the Commonwealth Bank VicSpirit.

In conjunction with the opening of the new building for the School of Chiropractic and Sports Science, this revitalised relationship with the WACA will give Murdoch staff and students the opportunity to pursue additional learning and research opportunities in a host of related fields. The School of Chiropractic and Sports Science has already initiated work with the WACA by testing 82 under 17-year-olds as part of their talent program. The joint degree in Education and Sports Science will also link with the WACA programs.



Professor Andrew Taggart with Greame Wood, former WACA Chief Executive Officer at the opening of the facilities

International law experiences

Murdoch's School of Law is a leader among Australian universities when it comes to providing exciting educational experiences for law students in a variety of countries and cultures.

In 2011, we introduced a new program in the United States, which saw 15 students travel to Marquette University in Milwaukee, Wisconsin, to study Dispute Resolution and Sports Law.

We ran our second annual International Human Rights Program in Geneva, Switzerland, giving 35 law students from across Australia the opportunity to study International Human Rights Organisations, International Protection of Human Rights and Refugee Law.

The School of Law also conducted its popular program in the medieval town of Macerata, Italy, for the third year in a row, which gave 40 students an international education in European Union law and provided them all with the valuable experience of living in a non English-speaking area.

The School's Hong Kong program, which initially began in mainland China, also continues to provide students with a strong background in Chinese law and culture. This program was held in 2011 at the City University of Hong Kong and attracted 35 students.

New law courses

Murdoch Law School continues to develop courses to meet emerging areas of demand.

In 2011, 25 local and international students enrolled in the Law School's first Postgraduate Certificate in Construction Law. The course is supported by the Institute of Arbitrators and Mediators, The Australian Institute of Building, Main Roads WA and the Water Corporation WA.

The Law School also embarked on a partnership with the City University of Hong Kong to deliver Murdoch's Postgraduate Certificate in Chinese Law. This course is attended by students from Murdoch and other Australian universities and is invaluable for students hoping to work with some of Australia's most prominent trading partners.

Research and Development

From its inception, research, research training and innovation have been fundamental to Murdoch's identity. Historical investment decisions and decades of strong, sustained support and focus for research excellence have delivered a strong and unique research profile that is distributed evenly across the University.

In both our strategic plan (2010-2015) and our new Mission-Based Compact we have made a commitment to re-focus our research endeavour in our areas of strategic strength. This will ensure that future investment, activity and outcomes are directed to areas of excellence as a priority. We continue to invest in research training, because high quality, relevant research by our scholars informs their teaching and ensures we remain at the forefront of our field. We have implemented a new research management system, which enables us to link research funding with outputs, and appointed a new Deputy Vice Chancellor to ensure a coordinated approach to our research.

The Excellence in Research for Australia (ERA) results, released by the Australian Research Council in January, confirmed that we are on the right track. Most of our research areas (65 per cent) are performing at world standard and almost one-third are performing above or well above world standard.

Those disciplines ranked above or well above world standard were Physical Chemistry, Zoology, Animal Production, Crop and Pasture Production, Fisheries Sciences, Resources Engineering and Extractive Metallurgy, Clinical Sciences, Immunology, Medical Microbiology, and Communication and Media Studies.

Murdoch's research funding for 2011 totalled \$31,756,964.

Most of our research areas (65 per cent) are performing at world standard and almost one-third are performing above or well above world standard.



Professor Eske Willerslev from the University of Copenhagen (left) with Dr Mike Bunce in Murdoch's Ancient DNA Laboratory

2011 Research Highlights

Desalination plant opens

In September, Australia's first dedicated Desalination Research Facility and associated Desal Discovery Centre was officially opened by WA Water Minister Bill Marmion at our Rockingham Campus, strengthening our presence in the Peel region.

This \$5 million desalination testing and water science education facility was partly funded by the State Government. It also houses the National Centre of Excellence in Desalination Australia (NCEDA), which manages \$20 million of research funding over five years from the Australian Government's Water for the Future Initiative.

The NCEDA is a consortium of 13 universities and CSIRO collaborating to improve desalination technology with Australian and international research institutions, private companies, water and power utilities, and government agencies.

Through this Centre, Australia is building national capacity and capabilities in desalination with a dual focus on breakthrough fundamental research and applied research with a goal of delivering meaningful improvements at a commercial scale.

At the opening Murdoch awarded NCEDA's Chief Scientific Officer David Furukawa an Honorary Professorship. This is only the third such award by the University.

Hair proves Aborigines are one of the world's oldest populations

Australian Research Council Future Fellow Dr Michael Bunce and PhD student Silvana Tridico, from Murdoch's Ancient DNA Laboratory, were among a team of international scientists to discover that modern-day Aborigines descend from the earliest humans to occupy Australia and are likely one of the oldest continuous populations outside Africa.

The team pieced together an individual's entire DNA code (or genome) from a hair sample donated by a Western Australian Aboriginal man around 100 years ago. By sequencing the genome, they were able to demonstrate that Aboriginal Australians descended directly from an early human expansion into Asia that took place some 70,000 years ago, at least 24,000 years before the population movements that gave rise to present-day Europeans and Asians.

Archaeological evidence establishes modern human presence in Australia about 50,000 years ago, but this study re-writes the history of their journey here. Previously, the most widely-accepted theory was that all modern humans derive from a single out-of-Africa migration wave into Europe, Asia, and Australia. This study proves that when ancestral Aboriginal Australians began their private journey, the ancestors of Asians and Europeans had not yet differentiated from each other.

The findings of this ground-breaking research were published in the prestigious journal *Science*.

Dr Bunce and Dr James Haile have also received a \$152,000 Australian Research Council Discovery Project grant to examine how the earliest Western Australians lived. They will lead a research project to examine DNA samples from archaeological cave deposits at the Devil's Lair cave site near Margaret River in south western Australia. Devil's Lair is one of the most important archaeological sites in Australia and there is evidence of human existence at the site dating back nearly 48,000 years. The research will examine existing samples dating back 23,000 years and undertake further excavation to obtain 'fresh' and uncontaminated samples, hopefully up to 50,000 years old, for further analysis.

Recognition for research into youth well-being

Psychology Professor Bonnie Barber has been recognised for her work on two major research projects that promote the health and well-being of young people.

In 2011 she was selected as a member of the Australian Research Council's College of Experts and appointed to serve on the Scientific Leadership Council for the Cooperative Research Centre for Young People, Technology and Wellbeing.

Professor Barber is heading up the six-year Youth Activity Participation Survey, funded by the Australian Research Council in conjunction with Murdoch University, due to conclude in 2012.

This longitudinal study has been annually surveying 1,800 Western Australian teenagers since they were in years 8 and 10 from 33 independent and government, metropolitan and regional high schools across the state. It is already proving that sport and other extra-curricular activities can have a positive impact on their sense of self and well-being.

Professor Barber's second project is looking at ways to promote positive relationships after divorce and remarriage.

Fisheries research goes from strength to strength

One of Murdoch's strongest research areas – as confirmed by the Excellence in Research Australia rankings – continues to be fisheries science.

Most of this research is undertaken through the University's Centre for Fish, Fisheries and Aquatic Ecosystem Research, which focuses on the biology of fish, invertebrate and marine mammal populations and the relationships between the species compositions of faunal communities and their habitats. This Centre is a valuable source of information for resource managers and the scientific and general community when developing integrated management plans to ensure the sustainability of key species and their environments.

Within the Centre there are a number of specific research groups which focus on different species and habitats. In 2011, one such group, the Cetacean Research Unit, discovered that a recently-documented method of fishing may be spreading throughout a population of dolphins.

Indo-Pacific bottlenose dolphins in Shark Bay were photographed 'conching' in 2007 and 2009. This involves trapping small fish in large conch shells with their rostrums (beaks), then bringing the shells to the surface and shaking them, causing the water to drain out and the fish to fall into their mouths.

Over a four-month period, the research team saw and photographed this same behaviour no less than six times, suggesting that this rarely-witnessed phenomenon might be on the increase and raising questions about whether the dolphins are learning to imitate each other.

Members of the Cetacean Research Unit, with colleagues from the University of Zurich, spend roughly four months of the year studying western Shark Bay's dolphin population in the field. The unit operates with support from Shark Bay Resources.

The merging of Murdoch's Freshwater Fish Group and the Fish Health Unit, within the School of Biological Sciences and Biotechnology, has also boosted the University's research capacity in freshwater fisheries. The group is led by Senior Research Leader Dr David Morgan and Research Leader Dr Stephen Beatty, who, together with a core team of postgraduate students, have published 22 journal papers since 2009.

A major focus of the group's activities is community outreach and education and in 2011 the group published a new book called 'A field guide to freshwater fishes, crayfishes and mussels of south-western Australia' along with three short complementary documentaries to increase awareness about threatened species.

The films and book were launched by the state's Environment Minister Bill Marmion and funded by Lotterywest through the South-East Regional Centre for Urban Landcare.

Cementing our relationship with Africa

For many years Murdoch has shown strong research commitment to, and capacity building in, the dynamic continent of Africa. Broad and diverse engagement has been developed in areas such as health, social justice, agriculture, security and counter-terrorism, minerals and the environment, aid effectiveness, water and arts and culture.

In 2011, we established the Africa Research Group to provide a forum for knowledge-sharing among those researchers who are already collaborating with African industry, academic institutions, government agencies and non-government organisations.

The University also used the 2011 Africa Down Under conference – held in Perth from August 31 to September 2 – to further enhance its relationship with Africa by hosting an intense research forum to identify potential research and knowledge-sharing opportunities within the mining sector.

This forum attracted around 150 participants, including more than 40 African nationals and several high-level African government ministers. Others were specialists in a wide range of related fields including mining, counter-terrorism, politics, ecology, governance, land law, finance, aid and agriculture. Murdoch University is a member of the Australia-Africa Universities network.

iVEC supercomputer launched

Murdoch has taken a leading role in increasing Australia's supercomputer resources by hosting the iVEC@Murdoch Supercomputer at its Centre for Comparative Genomics, providing enhanced research outcomes to scientists Australia-wide.

Ranked number 87 in the world and the second largest in Australia, this supercomputer was launched on June 8 by the Federal Minister for Innovation, Industry, Science and Research, Kim Carr.

Case study:

Spotlight on Centre for Comparative Genomics

Murdoch's Centre for Comparative Genomics (CCG) takes a unique approach to research in comparative genomics by drawing together both biomedical and agricultural comparative genomics and bioinformatics activities and expertise to promote shared understanding within and across fields of study. It provides excellent opportunities to share Western Australian resources and leverage further income for the state.

The centrepiece of the CCG is the research and development program, which supports a number of projects in three key areas: comparative genomics for wheat and legumes, comparative genomics for animal and human pathogens, and comparative genomics as a tool to enhance human gene analysis and diagnostics.

Supporting the Centre's research program is the Bioinformatics Research Laboratory (BRL), which develops and utilises innovative techniques and tools to drive its core research program as well as serve external clients on a fee-for-service basis. The BRL offers a range of capabilities, including the development of computational tools, a vast range of data analysis and visualisation strategies and the development of integrated web-based applications. It also features a state-of-the-art display wall of more than 18 megapixels, which was significantly upgraded in 2011.

The nine high-definition projectors powering the display are now capable of higher contrast and better colour reproduction under varied lighting conditions, making the analysis of complex biological data much easier. The wall is powered by a cluster of powerful computers and has a fast network interface to existing data management systems that is capable of retrieving and manipulating large amounts of information at a time.

In 2011 the CCG also designed, developed and launched the first Australian National Duchenne Muscular Dystrophy Registry and commenced a substantial open source project for simplifying access to supercomputer infrastructure, which is being deployed at various sites around Australia.



Professor Matthew Bellgard, director of the Centre for Comparative Genomics

Funded as part of an \$80 million Federal Government Super Science initiative to boost Australia's strength in radio astronomy, geosciences, nanotechnology and life science, it features a massive 9600 processors and 500 terabytes of storage. Connected to iVEC's Metropolitan Area Network, it operates at 10 gigabits per second and is a quantum leap in terms of the speed at which researchers can process data.

iVEC is an unincorporated joint venture between CSIRO and the four public WA universities.

Cooperative research centres

Murdoch is a key institutional player in two Cooperative Research Centres (CRCs) which received significant funding in 2011.

The new Cooperative Research Centre for Young People, Technology and Wellbeing, led by the Inspire Foundation, received a total of \$27 million from the Department of Innovation, Industry, Science and Research.

Through this centre, a team of researchers led by Dr Ingrid Richardson from the School of Media, Communication and Culture has already launched an investigation into how internet-based technologies and creative content production can enhance the wellbeing of vulnerable young people.

This five-year project will focus on vulnerable or at-risk young people, who are at a higher risk of developing serious and sustained mental health difficulties as a result of social isolation.

It is being undertaken in collaboration with industry and community partners including the Foundation for Young Australians, the Telstra Foundation, Student Edge and the WA-based Freedom Centre, run by the WA AIDS Council.

Murdoch is also an essential participant in the CRC for High Integrity Australian Pork, which in 2011 received a \$20 million Federal Government grant to develop improved pork production systems. This funding secures the CRC's future for a further eight years and will be used to improve standards within the pork industry to benefit the trade, consumers and animal welfare.

It was provided by the Australian Government's Cooperative Research Centres Program, which establishes long-term collaborations between industries, research institutions, communities and governments.

Beating the drought

At the beginning of the year Murdoch University received more than \$1 million from the Grains Research Development Corporation (GRDC) and BioPlatforms Australia to continue research into developing drought-resistant wheat varieties.

The research boost was part of the Australian contribution to the International Wheat Genome Sequencing Consortium (IWGSC), an international effort focused on identifying wheat genes that contribute to the survival of wheat across a broad range of global environments.

Professor Rudi Appels from the Centre for Comparative Genomics at Murdoch is co-chair of the IWGSC. The Australian project, which is expected to be completed in three to five years, will offer wheat breeders new lines for breeding with improved tolerance to drought and frost, two persistent problems that have plagued Western Australia for decades.

Analysing health and education needs in the Pilbara

Rio Tinto and the Gumala Aboriginal Corporation provided \$200,000 for Murdoch researchers to undertake a health and education needs analysis in the Pilbara.

This grant was secured by Dr Bruce Walker from the School of Chiropractic and Sports Science to investigate the feasibility of establishing a mobile health clinic to deliver a range of health services to remote communities. The research will be undertaken in conjunction with the School of Education.

The benefits of such an initiative will be felt by all involved. In addition to providing much-needed health services for those living in rural and remote Western Australia, it will also provide work integrated learning experiences for our students and open their eyes to the myriad of work opportunities in rural and remote regions.

Calm cattle, better beef?

Murdoch scientist Dr Peter McGilchrist embarked on a 12-month research project into whether calm cattle produce better beef after winning a science and innovation award worth \$22,000 from the Australian Meat Processor Corporation (AMPC).

A postdoctoral fellow within our School of Veterinary and Biomedical Sciences, Dr McGilchrist has been investigating the links between animal temperaments, feedlot performance and muscle glycogen levels at slaughter.

The outcomes of his study are expected to help Australian beef producers understand the benefits of calm cattle and illustrate the advantages of selecting breeding stock based on temperament.

Seeking relief for chronic pain

Psychology Professor Peter Drummond, the Director of our Centre for Research on Chronic Pain and Inflammatory Diseases, was awarded a National Health and Medical Research Council grant worth \$466,596 over three years.

Professor Drummond is collaborating with the Director of the Perth Pain Management Centre, Murdoch University Adjunct Professor Philip Finch, Associate Professor Frank Birklein from Germany's University of Mainz and Associate Professor Norman Harden from Chicago's Northwestern University to find a new way to provide relief for chronic pain sufferers by blocking the transmission of pain signals to the brain.

Their aim is to establish whether a target for a chemical called noradrenaline (which attaches to the nerves causing pain) increases after a person has suffered nerve damage and whether medication can block the pain signals. If pain signals can be blocked, this could open up new avenues for treatment of previously intractable pain syndromes.

Professor Drummond has also established research partnerships with investigators at Aarhus University, Denmark, and Macquarie University, New South Wales, to study neurological mechanisms of pain and, with a \$100,000 grant from Rotary Health over three years, has embarked on a multi-site randomised controlled trial of group schema therapy for borderline personality disorder in association with Dr Chris Lee.

Curing the deadly Chagas disease

Murdoch researchers played a key role in an international collaborative project which found a potential cure for the deadly Chagas disease, one of several infections transmitted by different species of biting insects. Chagas affects eight to 10 million people in Latin American countries, causing about 20,000 deaths each year.

Professor Andrew Thompson from the School of Veterinary and Biomedical Sciences, who led the parasite component of the study, has helped develop a new compound that cures the disease in mice. The next step in the study will be human trials.

Education: exploring the big picture

In 2011 we launched a \$290,000 research project to investigate the implementation of the Big Picture Education Australia (BPEA) model across a range of Australian sites. This project is being led by the City of Rockingham's Chair in Education, Professor Barry Down, in conjunction with researchers from the Universities of Sydney and Melbourne.

Big Picture Education Australia, with support from the Origin Energy Foundation, aims to stimulate vital changes in Australian education by generating and sustaining innovative, personalised schools that work in partnership with their greater communities. It focuses on student engagement, personalised learning and school change and is inspired by a successful project in the United States.

In 2011 Professor Down also completed a significant research project that will inform education systems about why teachers are leaving the profession. Addressing the Teacher Exodus: Enhancing Early Career Teacher Resilience and Retention in Changing Times was funded with a \$140,000 Australia Research Council Linkage Grant and more than \$122,000 from industry partners over four years. The research will identify a range of policy initiatives and school-based strategies that promote and sustain early career resilience.

Sue Ledger from the School of Education also embarked on a unique project funded by the Department of Education to develop an internship model for final year pre-service teachers in rural and metropolitan schools. This \$386,000 project, being undertaken in conjunction with Curtin University and the University of Western Australia, targets high calibre students and high quality teachers within select partnership schools.

Spotlight on drug sensitivity

Dr Andrew Lucas from our Institute for Immunology and Infectious Diseases (IIID) launched a study to examine exactly how and why some people have hypersensitive reactions to drugs while others do not.

He hopes to shed light on the factors that cause hypersensitivity by looking at the interactions between T-cells – immune cells that 'remember' different pathogens we encounter throughout our lives – and the HIV drug Abacavir.

This research builds on previous work from the team led by Professor Elizabeth Phillips and Professor Simon Mallal, Director of the IID, on Abacavir hypersensitivity. Professor Mallal demonstrated that patients displaying hypersensitivity to Abacavir shared a genetic marker, making it possible to pre-screen patients for susceptibility to hypersensitivity. However, while all patients displaying hypersensitivity shared the genetic marker, not all patients with the genetic marker shared the hypersensitivity.

Nano scientists make exciting discovery

Dr Gerrard Eddy Jai Poinern and his team in the Murdoch Applied Nanotechnology Research Group discovered more about the unique self-cleaning and water-repellent properties of a eucalyptus plant native to south western Australia which could make it a gold mine for new nanotechnology applications.

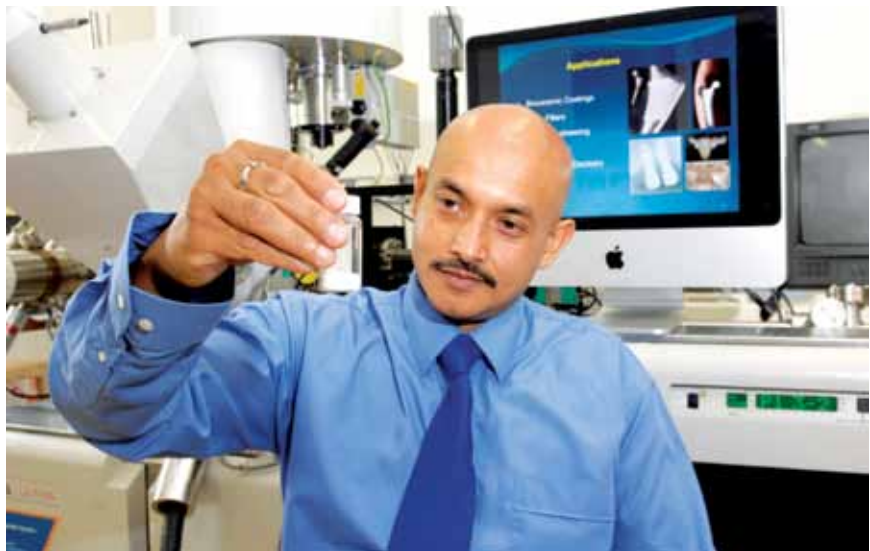
The Mottlecah, which is also known as the Rose of the West for its large spectacular flowers, has silvery leaves which are covered in a wax which produces nano-sized bumps and pillars. This causes water to form droplets that roll over the surface of the leaves and fall towards the root system of the plant, picking up any dirt along the way. These properties, which are known as superhydrophobic and self-cleaning, are similar to the lotus plant's which has inspired a range of self-cleaning and anti-bacterial technologies.

This discovery has the potential to be applied in a variety of ways, from medical research to the treatment of ships' hulls to help prevent the build-up of harmful microorganisms, plants and animals.

Saving the trees

Researchers from our Centre of Excellence for Climate Change, Woodland and Forest Health have been exploring ways to save Western Australia's precious trees.

Professor Giles Hardy and Dr George Matusick have been investigating a devastating form of tree cancer, known as Marri canker, that is killing Marri trees throughout the state's South-West. They have also identified that large areas of the Northern Jarrah Forest have suddenly collapsed and died from drought. Wandoo, Tuart and WA Peppermint have also shown severe recent declines, with some of the dead trees estimated to be at least 150 to 200 years old.



Dr Gerrard Eddy Jai Poinern from the Murdoch Applied Nanotechnology Research Group

The scientists revealed more about the extent of the tree crises, the causes and proposals to reduce and manage the declines at the Managing for Healthy Forests Symposium in October, which was attended by other notable researchers from Murdoch, the University of Western Australia, the Department of Environment and Conservation, the Water Corporation, the University of Tasmania and the University of British Columbia.

They are now hoping to obtain funds from the Australian Research Council (ARC) to research the cancer and other threatened trees.

Who's to blame for Ice Age extinctions?

For decades, scientists have debated the reasons behind the Ice Age mass extinctions, which caused the loss of a third of the large mammal species in Eurasia and two thirds of the species in North America. In 2011, however, researchers from our Ancient DNA Laboratory played a key role in an international study which revealed that neither climate nor humans alone were to blame for the phenomenon.

This extensive, inter-disciplinary research project led by the Centre for GeoGenetics at the Natural History Museum, University of Copenhagen, involved more than 40 academic institutions. Using ancient megafauna DNA, climate data and the archaeological record, it revealed dramatically different responses of Ice Age species to climate change and humans.

Dr James Haile, from Murdoch's School of Biological Sciences and Biotechnology, co-authored this paper and the findings from the study were published in the journal *Nature*.

Plant viruses under the microscope

Plant scientists from the School of Biological Sciences and Biotechnology received a \$286,000 Australian Research Council Linkage Grant to investigate whether the viruses hosted by orchids in Western Australia are actually of benefit to them under the changing climatic conditions.

Professor Michael Jones, Dr Stephen Wylie and their team say that in some natural ecosystems, ancient associations between viruses and plants help to protect their hosts from physical stresses. They will investigate the physiological responses of native orchids under heat and drought stresses to determine the roles viruses have in mediating that response.

The study is being supported with a further \$90,000 from the Australian Orchid Foundation and Kings Park and Botanic Gardens in Perth. Professor Jones and Dr Wylie will also be collaborating with Professor Kingsley Dixon, Science Director at Kings Park and Botanic Gardens in Perth, and Professor Marilyn Roossinck at the American-based Samuel Roberts Noble Foundation.

Early career researchers win funding

Four Murdoch researchers successfully applied for Discovery Early Career Researcher Award (DECRA) funding, representing a 20 per cent success rate. The national average was less than 10 per cent. The successful recipients will each receive \$375,000 to fund their projects over three years.

Dr Stephanie Godfrey will apply the use of social network models to understand how different parasites are spread through endangered bettong populations.

Dr James Haile will use the funding to support his ongoing work on the use of eggshells as a molecular and biochemical resource for conservation biology and paleogenetics.

Dr Emma Thomas will be exploring ways to help governments and non government agencies build broader support in Australian society for efforts to respond to humanitarian emergencies.

And Dr Greg Thompson will be investigating the positive and negative effects of the National Assessment Program – Literacy and Numeracy on Australian school communities.

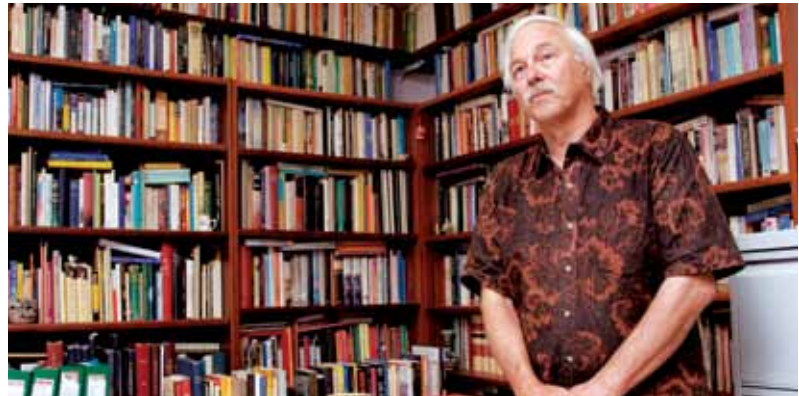
Commercialisation and knowledge transfer

Commercialisation and knowledge transfer of research outcomes is an exciting aspect of Murdoch's research excellence, and the University was strongly involved in these activities during 2011. Researchers are increasingly recognising the benefits of commercial sector research and industry partnerships. In 2011 the University's Commercialisation Office was renamed the Knowledge Transfer Office, recognising that our focus is on seeking appropriate commercial and community outcomes.

Commercialisation efforts for intellectual property developed at Murdoch also continued in earnest. In collaboration with the other Western Australian universities, and sponsored by various private and public institutions including the Commonwealth Government, the second 'Univation' event in November showcased university-developed technology to potential sponsors, industry partners and investors.

Spirogene

One of Murdoch's spin-off companies, Spirogene, added to its successful program for commercialising a vaccine for swine dysentery by securing a Commercial License Option Agreement for an ELISA diagnostic test. This test resulted from a collaborative research project between the Pork CRC and Murdoch researchers led by Professor David Hampson. Dr Alistair Murdoch, the former CEO of Spirogene, was instrumental in securing this agreement and the ongoing research, development and licensing agreement for a vaccine for swine dysentery. Regrettably Alistair passed away during 2011, and he will be sorely missed by the Murdoch community.



Professor James Warren

Case study:

Asia Research Centre celebrates 20th year

An international leader in the study of East and Southeast Asia, the Asia Research Centre is celebrating 20 years of research into the region's social, political and economic dynamics.

Thematic to Centre research is analysis of conflicts over political and economic regimes; environmental resources; ethnic, religious and national identities; cultural and media systems; and the security of states, communities and individuals.

The Centre's world class researchers include Professor Garry Rodan, Australian Research Council Professorial Fellow; Professor Vedi Hadiz, Australian Research Council Future Fellow and Dr Shahar Hameiri, Australian Research Council Postgraduate Fellow.

A key ingredient of the Centre's success is collaboration with a strong network of associate members, including former staff, visiting fellows and research students, located in leading institutions across the world. Centre fellows also regularly engage in public debate: recently published opinion pieces have appeared in diverse media outlets including *The Wall Street Journal*, *The Australian*, *Le Monde* and *Kompas*.

Current research highlights include Professor James Warren's ARC Linkage Grant-funded study on the impact of climate and natural hazards on South-East Asia's global economy over the last millennium, and a project on the politics of aid effectiveness, funded by AusAID.

Epichem Pty Ltd collaboration

Led by School of Veterinary and Biomedical Sciences parasitologist Professor Andrew Thompson, a Murdoch research team continues to investigate the development of novel veterinary drugs to treat enteric parasites. 2011 saw the signing of an option agreement with a large animal health company for one of the compounds synthesised by Epichem and tested by Murdoch for in vitro activity against parasites which affect livestock.

NemGenix

NemGenix, another spin-off company of the University, is focused on developing traits to confer resistance to plant parasitic nematodes in specific crop species.

While conducting ongoing research at the State Agricultural Biotechnology Centre in 2011, NemGenix entered into a partnership with a major European seed development company and is in discussion with a number of other international organisations for continuing and new research and development licensing collaborations.

Deltares

Dutch-based environmental research institute Deltares, which holds an option and research and development agreement with Murdoch-developed BioCement Technology, has been undertaking trials at a commercial scale and in 2011 the group has been seeking further potential commercial applications for the technology. An ongoing research relationship between Murdoch University and Deltares provides support to one PhD student based at Murdoch.

Our People

Management

Interim management structure

Following the announcement in October 2010 that former Vice Chancellor Professor John Yovich AM was to retire from academia in early 2011, the University developed and implemented an interim management structure and supported the international search for a suitable replacement.

HRIS upgrade

In 2011 Murdoch embarked on a major project to upgrade the Human Resources Information System (HRIS), Alesco Version 12, to a Linux platform. This upgraded system offers a range of new features including a My HR screen, electronic timesheets for general staff and a user-friendly way to modify personal information such as banking details. This new system has significantly reduced the University's main payroll processing time, provides additional functionality for the HR team and much improved screen refresh times for the existing MyHR portal used by University staff.

E-recruitment

Our recruitment process has been streamlined and simplified with the launch in late 2011 of a user-friendly e-recruitment system that is fully integrated with our central HRIS. This system has a professional look and enables applications to be lodged and acknowledged electronically. It also offers improved tracking and reporting and enables selection committee members to receive and view electronic copies of applications. It will be further enhanced by the in-house development of recruitment processes made available online in order for advertising and hiring timetables to be measured as well as other KPIs.

Training database

An existing module of the HRIS has been tested and was implemented late in 2011 for use in 2012 via the University's intranet. This online system features a training calendar detailing all professional development opportunities. It enables academic and general staff to search and enrol online for internal and external training in areas such as information technology, cultural awareness, leadership, frontline management and occupational safety and health. It provides vital data required for reporting against legislative requirements.

Occupational Safety and Health (OSH)

Murdoch University's commitment to occupational safety is contained within the Occupational Safety and Health Policy and the Workers' Compensation and Injury Management Policy. This commitment is also reflected in other Occupational Safety and Health (OSH) policies, procedures and guidelines.

OSH commitment is further demonstrated by the development of an OSH Department 'Service Description' designed to ensure that all staff are aware of the functions and role of the Occupational Safety and Health department and in particular the services available to assist in the management of OSH. Vision statements containing measurable actions and outcomes have also been developed and implemented by the University and these also reflect the commitment to OSH. Other initiatives include improved access to OSH reporting systems for department managers.

OSH is an agenda item for the University's leadership and management group meetings with department managers, faculty deans etc. Murdoch University has well developed processes and procedures for ensuring formal consultation with employees. This is achieved in a number of forums:

- Occupational Safety and Health committees;
- Occupational Safety and Health representative committees;
- Staff surveys;
- Tool box meetings;
- Department OSH meetings.

In addition, new staff attend an OSH induction program and a staff handbook has been designed informing staff of the process and how they can participate.

Workers' Compensation – Injury Management

Murdoch University is in compliance with its duties as prescribed by the Workers Compensation and Injury Management Act 1981. The University is committed to the prevention of injury and illness of its staff through the provision of a safe and healthy working environment. However in the event of an injury occurring, Murdoch recognises its role in managing the injured employee's return to work. During the return to work process Murdoch University complies with the Western Australian Workers' Compensation and Injury Management Act of 1981 and the Work Cover WA: Guidelines for Injury Management at the Workplace 2004.

The University has employed a dedicated Injury Management Coordinator to assist injured workers through their rehabilitation and to manage and coordinate the Workers' Compensation and injury management process.

Murdoch University has an injury management policy and procedures.

It is our policy:

- To establish a basic understanding of the importance of injury management within the University;
- To ensure that all employees are provided with information, instruction and training in the process of injury management and the Workers' Compensation claim process;
- To coordinate, manage and provide support for those within the Workers' Compensation system;
- To consult all key parties in the rehabilitation process and facilitate a successful return to work;
- To continuously review injury management procedures in order to improve and exceed best practice.

Occupational Safety and Health Management Systems (OSHMS)

Murdoch University has in place a documented and communicated OSHMS. It contains plans, actions, policies and procedures. The OSHMS is also designed to clearly identify to employees their roles and responsibilities.

The OSHMS has been audited internally and externally against Australian Standard – AS 4801-2000. The external audit was conducted in 2010 by an accredited Worksafe WA auditor. The audit provided information relating to progress and assisted in the future planning of the OSHMS.

Indicators comply with AS 1885.1-1990 Workplace injury and disease recording standard

Indicator	Target	Actual
Number of fatalities	Zero 0	Zero 0
Lost time injury/disease (LTI/D incidence rate)	10% reduction	0.28 = 8% reduction
Lost time injury severity rate	10% reduction	0.14 = 9% reduction
Percentage of injured workers returned to work within 28 weeks	100%	100%
Percentage of managers training in occupational safety, health and injury management responsibilities.	55%	58%

New Vice Chancellor

The University appointed internationally-renowned political economist Professor Richard Higgott as its eighth Vice Chancellor in June. He took up the role in August.

Professor Higgott was Pro Vice Chancellor for Research at the University of Warwick in the UK for four years before returning to Perth where he was briefly a Winthrop professor at the University of Western Australia. He has also held professorial appointments at the Australian National University and the University of Manchester.

He was also the director of a \$15 million European Commission project of research institutes from 15 leading world universities examining the implications of the emergence of a multi-polar world.

In the early years of his academic career, Professor Higgott held posts at the University of Western Australia and Murdoch, including several years on the Advisory Board of Murdoch's internationally-recognised Asia Research Centre. He also held positions at the Kennedy School of Government and Harvard University.

His funded visiting professorships include the Diplomatiscche Akademie Marie Therese (Vienna), the Institute of Defence and Strategic Studies (Singapore), Chulalongkorn University (Bangkok), the Stiftung Wissenschaft und Politik (Berlin), and the Hungarian Institute for Advanced Study (Collegium Budapest). In 2003 he was the first holder of 'la Chaire Asie' at the Fondation Nationale des Sciences Politiques in Paris.



He has been National Director of the Australian Institute of International Affairs; President of the Australasian Political Science Association; Vice-President of the International Studies Association (USA); Council Member and Principal Policy Adviser to the Royal Institute of International Affairs (Chatham House). He is a Fellow of the Royal Society of Arts and a Fellow of the Academy of the Social Sciences (UK). Recent board appointments include the Academic Council of the United Nations System, the Council for Asia-Europe Cooperation and the UK Department for International Development's Committee on Economic and Social Research. He is a member of international supervisory boards of university research institutes in Europe, the USA, Asia and Australia.

He is author or editor of 20 books, research monographs and edited volumes and more than 120 articles and chapters in many leading journals. He has been editor of *The Pacific Review* since 1995 and is a member of 10 other international editorial boards.

Three other significant appointments were made – Professor David Morrison as Deputy Vice Chancellor (Research), Professor Ann Capling as Deputy Vice Chancellor (Education) and Jon Baldwin as Deputy Vice Chancellor (Professional Services), who will lead the University's professional and administrative services. All three began their roles in early 2012.

Equal Employment and Opportunity

Key diversity indicators recorded continued improvement at Murdoch University. The percentage of women among continuing and fixed-term academic staff increased to 44 per cent over the reporting year. The proportion of women in senior management positions across the University also increased during the year. Once again, the University recorded an increase in the proportion of staff from culturally diverse backgrounds.

Amendment to staff agreement

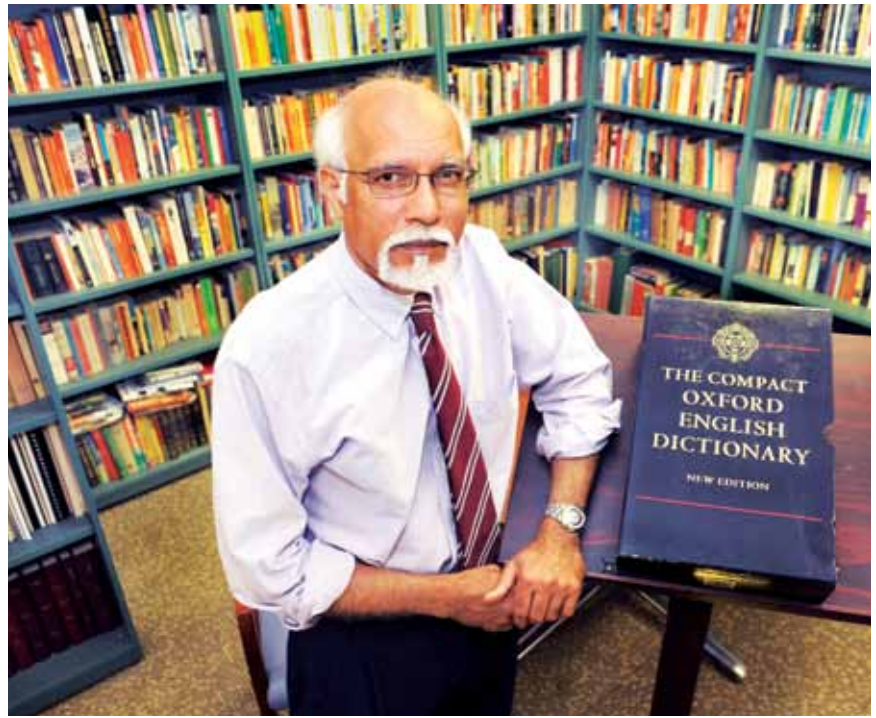
In 2010 the University and unions finalised negotiations for the Murdoch University General Staff Agreement 2010. This agreement was subsequently voted on, and approved by the University's general staff, and was approved by Fair Work Australia.

Clause 59 of that agreement enabled the parties to separately negotiate new employment terms that would assist the University to operate the Murdoch University Veterinary Clinic and Hospital in a competitive market. The University and the National Tertiary Education Union finalised their negotiations in respect to those conditions in November and the variations were approved by Fair Work Australia in December following a ballot of affected staff.

UniSuper

In March UniSuper launched new software that provides real-time, accurate information about personal superannuation funds. This system, developed in consultation with the University, was rolled out to all Murdoch staff in 2011 and is proving very popular.

New academic and general staff were also appointed to UniSuper's Consultative Committee, replacing the University's previous representatives.



Professor Vijay Mishra was elected as a Christensen Professorial Fellow of St Catherine's College, Oxford University

Organisational Capability Unit (OCU)

The role of the unit is to support the achievement of the University's strategic intent through developing staff knowledge, skills, abilities and competencies; and effective systems and work processes.

2011 was the first full year of operation under the new capability framework and saw a wide range of staff development opportunities made available to academic, professional and management staff. Where appropriate, the OCU also works with other service units in the University to support staff training in new systems and technologies.

During the year, 1,803 participants attended a total of 126 professional development sessions. The activities extended across all six dimensions of the Organisational Capability Framework which are Leadership Development; Academic Engagement; Professional Development; Career Development; Personal Development and Organisational Development.

This framework was first launched in early 2011 and the OCU website was completely redeveloped with new content to support it.

Achievements

Oxford honour for academic

Professor Vijay Mishra, Professor of English Literature in the School of Social Sciences and Humanities, was elected as a Christensen Professorial Fellow of St Catherine's College, Oxford University, for the Hilary Term (the second of Oxford's three academic terms) in 2013. Christensen Fellowships are awarded to distinguished academics who are members of their national academy – equivalent to the Royal Society and the British Academy in the UK.

Professor Mishra, a Fellow of the Australian Academy of the Humanities, already holds a doctorate from Oxford as well as a doctorate from the Australian National University. He is a prolific author who has published a number of influential books on Australian literature, the Gothic, postcolonial and diaspora literature, Indian aesthetics and Bollywood cinema. While at Oxford, Professor Mishra will continue with an ongoing project on Salman Rushdie titled 'Annotating Rushdie', as part of his current Australian Research Council Professorial Fellowship.

2011 Marlis Theirsch Prize

Dr Helena Grehan, Senior Lecturer in English and Creative Writing, was awarded the Australasian Drama Studies' Marlis Theirsch Prize for 2011, which recognises international excellence in an English language article in theatre, drama or performance studies. The prize was for Dr Grehan's paper, *Aalst: Acts of Evil, Ambivalence and Responsibility*, which was published in the academic journal *Theatre Research International* in 2010.

Excellence in Marketing Award

Professor Jamie Murphy from the Murdoch Business School won the American Marketing Association's 2011 Pearson Prentice Hall Solomon-Marshall-Stuart Award for Innovative Excellence in Marketing Education for his annual Google Online Marketing Challenge. Developed in conjunction with Google, this competition attracts over 10,000 competitors in student teams from more than 60 countries.



Dr Helena Grehan

Australian Learning and Teaching Council citations

Six Murdoch lecturers received 2011 citations for Outstanding Contributions to Student Learning from the Australian Learning and Teaching Council.

This was the first time the ALTC had included 'early career' achievers (with no more than seven years' experience in higher education) in the list of citation recipients. Murdoch lecturers Pamela Martin-Lynch and Caroline Nilson fell into that category.

Our citation recipients were:

Dr Guy Curtis, Senior Lecturer, School of Psychology

For an effective combination of innovative assessment, evidence-based practice, and inspiring teaching in psychology.

Kate Fitch, Senior Lecturer, School of Media Communication and Culture

For the development of reflexive, critical and professional practitioners through the introduction of industry relevant work integrated learning activities in the public relations curriculum.



Professor Jamie Murphy

Dr Alexander Jensen, Senior Lecturer, School of Social Sciences and Humanities

For innovative and holistic approaches to curriculum design and teaching in response to pedagogical challenges particular to theology.

Pamela Martin-Lynch, Lecturer, Office of Student Life and Learning (Early Career)

For significant commitment and contribution to student transition and retention through a creative, holistic, motivational and relational approach to teaching and learning support.

Caroline Nilson, Lecturer, School of Nursing and Midwifery (Early Career)

For developing an holistic care-giving model for women and families during their birthing continuum through an engaging art project in an undergraduate nursing unit.

Sonia Walker, Lecturer, School of Law

For providing learning experiences in the areas of legal problem solving and research that inspire students and allow them to become effective future legal professionals.



Kate Fitch



Dr Alexander Jensen



Pamela Martin-Lynch



Guy Curtis and Caroline Nilson
Picture by www.photocall.com.au

Our Facilities

In the constantly changing higher education environment it is vital that we plan ahead to ensure we have the facilities to meet current and future demand.

In 2011 we developed a Strategic Asset Management Plan for the University which was endorsed by the Senate in September. This plan clearly sets out Murdoch's floor space requirements and maintenance liability for the next 10 years and identifies clear priorities for campus development and management. It enables the University to direct capital investment into areas of demand and growth and ensure we can continue to be sustainable well into the future.

State-of-the-art sport science building

A state-of-the-art new building for the School of Chiropractic and Sports Science was completed in September at the South Street Campus. This facility was built and equipped with the assistance of \$1.8 million from the Federal Government Teaching and Learning Capital Fund for Higher Education.

Covering approximately 900sqm, it features a performance lab complete with running track and life-size biomechanical imaging, teaching space, change rooms, exercise physiology laboratory, specially-designed thermal chamber and a strength, conditioning and rehabilitation laboratory.

The opening of this new building will ensure that the next generation of graduates gain valuable hands-on experience using the latest equipment. Murdoch already has a strong relationship with the WA Cricket Association, but it presents additional opportunities for the University to explore research partnerships with other sporting or industry groups and extend its reach into the local community.

The Learning Link

The \$5 million Learning Link building was completed in September and provides advanced teaching and learning space primarily for the Murdoch Business School, complete with the latest audio visual equipment, as well as a postgraduate lounge and numerous breakout spaces.



Students outside the new sport science building

The Learning Link was funded through the Federal Government Teaching and Learning Capital Fund for Higher Education. This building is strategically located within close proximity to the new staff facilities for the Business School, which opened in late 2010.

New building for Engineering and Energy

A new teaching and research facility for the School of Engineering and Energy was opened by Western Australia's Minister for Education, Hon. Dr Elizabeth Constable, on 26 October. The structure took a year to complete and cost \$10.1 million to build, \$3.5 million of which came from a Federal Government grant.

It features a cutting-edge engineering pilot plant that mimics the structure of the Bayer process, used for alumina production, to provide students with real-world experience.

This new building provides, for the first time, a fully-integrated home base for the School, which offers a wide range of popular degree programs in physics, nanotechnology, engineering and energy and has strong links with industry, government and the wider community. Built to tight environmental guidelines, it features rooftop solar panels and automatic blinds to help reduce energy consumption.

New veterinary surgery

Murdoch is the only university in Western Australia to offer veterinary training, so it is important that we remain at the forefront of this ever-changing field and can cater for increased student demand.

In December 2011 we opened a new \$6.2 million surgery for the School of Veterinary and Biomedical Sciences, which includes facilities for surgeon preparation and animal anaesthesia. In addition, there is a large fully-equipped sterile surgery complete with closed circuit cameras to enable students to view live procedures from a distant location.

The Federal Government contributed \$3.1 million towards the cost of the building, while the remainder was funded by the University itself. The new facility replaces the original surgery teaching room, built in 1976 when Murdoch was founded.

Murdoch Business School

A \$7.5 million building for the Murdoch Business School opened in late 2010. Combining modern design principles with a functional office layout, this two-storey facility has become the base for around 50 teaching and administrative staff from the Business School. It also provides a home for Murdoch Institute of Technology staff.

The new building offers several advantages over the previous Economics, Commerce and Law building, where staff had been based since 1991. Modern design principles are combined with a functional layout, projecting a refreshed image and stronger identity for the School.

Library extensions

In 2011 we extended the Library's popular Learning Common area with the addition of further group work areas, complete with smart boards and wi-fi, along with many more laptop work stations and comfortable furniture. This upgraded area provides a link between the old library building and the new wing and is open during staffed library hours.

MOU signed for Muslim Cultural Centre

A Memorandum of Understanding was signed between Murdoch and the University's Muslim Students' Association to build a Muslim Cultural Centre on the South Street Campus. This facility will be funded by the local and international Muslim community to cater for the growing number of Muslim students at Murdoch. It will provide separate prayer facilities for men and women as well as a communal space and will be located beside the Worship Centre.

Campus safety

In 2011 use of the University's on-call security service launched in 2003 grew by 22 per cent. This service enables staff and students to use one of many call buttons around campus to request an after-hours security escort to their own vehicle or the local bus stop, train station or shopping centre.

Murdoch's on-campus security service provided assistance to staff and students on 21,765 occasions in 2011.



The pilot plant inside the new engineering and energy building



Professor Richard Higgott with Melissa Parke MP at the opening of the new Veterinary Surgery



Students relax in the new Murdoch Business School Building

Governance and Management

Organisation structure and governance chart as at 31 December 2011



Senate as at 31 December 2011

Chancellor

Mr Terry Budge

Vice Chancellor

Prof Richard Higgott

Members appointed by the Governor

Mr Brian Aitken

Ms Liz Harris

Mr Garry Hunt

Ms Maxine Murray

Mr Paul Sadleir

Ms Eva Skira

Members elected by the academic staff

Assoc Prof Pia Broderick

Assoc Prof David Holloway

Dr Marian Kemp

Member elected by non-academic staff

Mrs Fiona Feist

Members elected by and from amongst the students

Mr Brodie Lewis

Vacant

Members elected by Convocation

Dr Lyndy Scott

Ms Janice Bowra

Members co-opted by the Senate

Mr Russell Barnett

Mr Tony Iannello

Mr Paul Niardone

Secretary to Senate

Ms Trudi McGlade

Statement of Expenditure

Section 175ZE of the Electoral Act 1907 requires the University to include a statement in the Annual Report setting out details of expenditure incurred by the University on certain classes of organisations.

The total expenditure incurred by the University during the 2011 financial year on those organisations was \$2,585,259.

The classes of organisation, the names of the organisations within the class and the total expenditure for the class were as follows:

a)	Advertising Agencies	\$828,607
	Market United	
	Meerkats	
b)	Direct Mail Organisations	\$51,735
	Lasermail	
c)	Media Advertising Organisations	\$1,645,417
	Community Newspapers	
	Adcorp HR Advertising	
	Mindshare	
d)	Market Research Organisations	\$59,500
	Painted Dog	

Risk Management

The Senate has responsibility for setting risk management policy and critically monitoring the management of risk across the University, including commercial undertakings.

Senate has approved Terms of Reference for the Audit and Risk Committee (ARC) which requires the Committee to confirm the University's risk management framework is appropriate and controls operate to mitigate risks to an acceptable level.

Senate has also approved the University's risk management policy which is consistent with concepts in Standards Australia AS/NZS ISO 31000:2009, Risk Management – Principles and Guidelines. The policy requires management to maintain risk registers at strategic and operational levels.

The Strategic Risk Register is closely aligned with the objectives of the University's Strategic Plan and highlights key risks of not achieving those objectives. The Vice Chancellor presents the Strategic Risk Register and discusses the top three risks at each ARC meeting. The Strategic Risk Register is continually being reviewed to ensure it records current risks and mitigating controls.

Operational risk registers were completed during the year and higher level risks reported to the ARC. The University is updating its operational plans and this will impact the focus of operational risk registers in the future.

The risk registers enable the University to understand its objectives, related risks, actual controls in operation and any further controls required to mitigate risks to an acceptable level. The risk registers also form an important source for compiling annual internal audit plans and from 2012, will become an important part of the new regulatory environment being established with the Tertiary Education Quality and Standards Agency.

To enhance control the ARC submits its minutes to Senate regularly and submits an annual report to Senate on risk, internal controls and audit matters.

Central Records

Murdoch University has an ongoing commitment to promoting and supporting staff compliance with the requirements of the State Records Act 2000. Our training program addresses staff responsibilities under the Act including creating and capturing records, access to records, confidentiality and privacy issues, security considerations, and the disposal of records.

All new staff are enrolled in the online recordkeeping awareness training course and have access to materials at the monthly induction sessions. An information sheet has been produced for transnational education affiliate staff not otherwise covered by Australian law.

The training course encourages staff feedback in the form of a short survey. This information is useful when the effectiveness of the training course is reviewed.

Over the past two years the University has participated in a collaborative initiative to develop a common Disposal Authority for use by the WA university sector. The final draft will be submitted for review to the State Records Office by December 2011. The resulting disposal authority will comprise a comprehensive listing of records created and received by universities and will ensure consistency in the disposal of records across the university sector.

The University also contributed to the review of the General Disposal Authority for Human Resource Management Records.

A number of support information databases were redeveloped as web-based databases and are now hosted and supported by the University's Office of Information Technology Services. The new arrangements include the addition of a secure front end to the website that allows access to the databases to be limited to specific groups using user name/password authentication.

Mission-Based Compact

Our most significant strategic governance initiative in 2011 was the development of our Mission-Based Compact, which demonstrates that the Commonwealth Government and the University have a shared and mutual commitment to provide students with high quality educational experiences and outcomes and to building research and innovation capabilities and international competitiveness.

Murdoch already has a long history of equity and social justice and has always strived to build aspirations among students who may not usually consider tertiary education. The Compact outlines our progress and plans in a range of key areas.

It provides a strategic framework for the relationship between the Commonwealth and the University and sets out how the University's mission aligns with the Commonwealth's goals for higher education, research, research training and innovation.

Two key government targets the Compact addresses are:

- 20 per cent of university students will be from low socio-economic backgrounds; and
- 40 per cent of people aged 25 to 39 will have a post-secondary qualification.

In 2011 we increased participation in our PX2 and OnTrack programs, which build aspirations and provide alternative pathways to university, in our key target areas.

Strengthening focus on the regions

Our Mission-Based Compact also recognises that prospective students from regional WA are a disadvantaged group and has set a range of targets for increasing the number of enrolments from our primary catchment area in the South-West region. In 2011 we targeted additional schools from Pinjarra to Albany with our PX2 program and developed a philanthropically-funded scholarship scheme that provides accommodation expenses for rural students.

We also worked with Challenger Institute to deliver the OnTrack bridging program through all three campuses.

Murdoch Activity Centre

The Western Australian Government is in the process of creating a strategic, transport-oriented activity centre at Murdoch – the Murdoch Activity Centre. Predicated on using a highly networked public transport system based on train and bus networks, its success also depends on harnessing the intellectual capital and economic multiplier effect of several important institutions.

The University will be a key player in this activity centre, along with the existing St John of God Private Hospital and Fiona Stanley Hospital, being built on an adjacent site. In 2011 we continued to work with the State Government and other stakeholders to explore development opportunities that will strengthen our links with the local community.

We completed a new road that runs through the entire campus, linking Murdoch Drive with South Street. We also completed a feasibility study into the new eastern precinct, which will see the University develop 25 hectares of campus land to integrate this area with the broader Activity Centre, and presented the findings to the University Senate for endorsement. This eastern precinct and the improved physical links are a vital element of the University's overall masterplan.

Development of the eastern precinct in sympathy with the development of the Murdoch Activity Centre provides exciting opportunities for the University to support on-campus collaborative teaching, learning and research and to improve staff, student, and local community amenity.

Cycle 2 AUQA audit

Much of our governance operations in 2011 were focused on preparing for the Cycle 2 AUQA audit scheduled for August 2012. Traditionally, Australian universities have been required to submit to a quality assurance audit by the Australian Universities Quality Agency (AUQA) every five years. However, we were informed in November that our panel visit would not be proceeding.

This is because the newly-formed Tertiary Education Quality and Standards Agency (TEQSA), which absorbed AUQA's quality assurance functions and commences its regulatory functions in January 2012, has concluded that they will not be able to fulfil the regulatory requirements of their Act using the AUQA Cycle 2 outcomes.

Murdoch will now be one of 10 higher education providers to undergo the first re-registration process overseen by TEQSA.

The establishment of TEQSA heralds a significant change in the way Murdoch and other self-accrediting Australian universities are regulated. For the first time, universities will undergo regular re-registration as higher education providers and in place of the old 'fitness for purpose' quality audits, TEQSA's approach will be standards-based and emphasise risk assessment and management.

All Australian universities have until 2015 to ensure they are compliant with the new TEQSA standards. With planning already in place, we are well-positioned to respond to this new environment.

As part of our own quality assurance processes, the information gathered in the self-review processes undertaken around the two AUQA audit themes of 'Internationalisation' and 'Support for Disadvantaged Students and Students from a Non-Traditional Background' will still be used to make improvements around the University.

Marketing and brand

Murdoch continued to build on its reputation in 2011 with a new brand campaign, which reinforced our promise to make the world a better place through discovery.

We also developed and executed several major student recruitment campaigns and events over the year. These campaigns resulted in a pleasing increase in preferences at the close of the TISC applications.

The undergraduate campaign focused on a situation or moment in a person's life where it becomes completely clear that they need to make a change. Using real Murdoch students' stories about the moment they knew it was time to change their career path and start studying in their area of passion added authenticity to the campaign.

Digital solutions

Murdoch recognises the importance of remaining in step with rapid advances in digital technology.

During April we conducted an online study to improve our understanding of the digital behaviours and preferences of our onshore students. The aim of this study was to enhance our connection with students, ensure we provide them with useful content relating to their enrolment and improve their sense of belonging at Murdoch. We will use this knowledge to improve the relevance of our content to increase long-term engagement with prospective students and make smarter investment decisions around developing new technologies.

After a three-week campaign we achieved an impressive 18 per cent participation rate. The final data is now being used to guide implementation of a number of key, university-wide initiatives.

One of our most popular digital solutions has been the new Murdoch Mobile website, which was launched in February. This website was designed from scratch to meet students' need for real-time information, and leverages a mobile device's unique capabilities.

Students can check their timetable and exam results, pull up a GPS-enabled map that shows their location in relation to where they want to go and quickly find the phone number of any staff member or support service.

During 2011's first Orientation Week the new site recorded a staggering 4,101 unique daily visitors. About 250 unique visitors continued to use the site each day throughout the first semester, then a second spike was recorded at the beginning of semester two as the University experienced an influx of new people on campus.

Disability Access and Inclusion Plan

Equity and social justice is one of our four key values, forming an intrinsic part of University culture.

In 2011, through a University-wide consultation process, we developed our second five-year Disability Access and Inclusion Plan, outlining the next steps we will take to improve access and participation for students with a disability. This plan states our commitment to implementing a range of support technologies, as well as a comprehensive campus audit to identify any new access issues.

Implementation of this plan has started and will continue until 2016. Aligned to the University's budget program, it will be regularly reviewed to ensure delivery is occurring in a timely and appropriate manner.

Managing our investments

Despite 2011 being a year of economic uncertainty, Murdoch's investment strategy continued to pay dividends. The Endowment Fund was set up in 2007 to provide a long term strategic investment source to support the future growth and development opportunities of the University. In 2011 the Endowment fund supported the team of Research Directors' fourth year of service.

The Endowment Fund was created with an initial investment of \$40 million. It is overseen by the Resources Committee and, in 2011, a further \$10 million of cash reserves surplus to current requirements was added to the fund.

Sustainability



Members of staff who participated in the Bike to Work Challenge

Murdoch has a well-earned reputation for being environmentally responsible and in its 2010-2015 strategic plan makes a commitment to sustainability and global responsibility as two of its four key values.

In 2011 the University increased its investment in strategic sustainability initiatives through the establishment of a new sustainability committee and a dedicated sustainability fund, which was launched in April.

This fund provided \$150,000 for sustainability initiatives. Some of this funding was directed into the employment of a sustainability officer.

Funding was also allocated for the development and facilitation of a deliberative workshop to engage university staff, students, lessees and senior management in the development of an overarching, holistic sustainability policy for the University. The first workshop, held in November and involving 70 stakeholders, resulted in a number of policy ideas and potential initiatives. The policy development process will continue in 2012 based on work achieved in 2011.

Alternative transport

One of the challenges of being a 'suburban' university is reducing the number of vehicles driven to campus each day. To encourage more people to take public transport or cycle to work, a TravelSmart Officer was engaged through the sustainability fund to conduct an access audit and develop a TravelSmart plan in the final quarter of 2011 through to early 2012. We also held a five-week Bike to Work Challenge including a dedicated Bike to Work day with a free breakfast for 87 participants on October 12.

Construction of the last section of the new access road, which runs directly through the campus linking Murdoch Drive with South Street, also enabled us to extend the bike paths through to Murdoch Drive, completing the dedicated cycling lanes on both sides of this road.

Looking after our endangered species

Our South Street Campus is home to two endangered species of bird – the Carnaby's Black Cockatoo and the Forest Red-tailed Black Cockatoo – as well as a resident population of Quendas (Southern Brown Bandicoot).

Since 2007 we have been implementing a dedicated planting program across the campus to ensure these animals have access to suitable areas of vegetation. In 2011 we planted a further 4,000 native shrubs and trees, bringing the total to 13,000 over five years. Target areas this year were Woody Pear Reserve, Tuart Grove and the Pine Grove area within our student village. We also started planting a new wildlife corridor to link the Chelodina Wetland with the northern area of the campus.

In October 2009 we erected six nesting boxes for the cockatoos and in 2011 we added a further five new boxes. Mid-year we were thrilled to welcome the birth of our first baby bird, a Forest Red-tailed Black Cockatoo, who is commonly known across the campus as Little Red. This is the first known birth of a Forest Red-tailed Black Cockatoo in the Perth metropolitan area and the first known instance of one breeding in a nesting box. Little Red has been tagged so we can keep track of his progress.

Each year Murdoch takes part in the Great Cockey Count and in 2011 we counted 200 Carnaby's on campus, down from 1,022 in 2010, and approximately 200 Red-tails, up from about 30 in 2010.

Planning for a sustainable future

In 2011 we developed an environmental sustainability strategic plan to guide the sustainable management of the campus over the next three years. This plan sets out targets and priority actions for managing campus biodiversity; energy, carbon and transport; water; and recycling and waste. Priority actions for 2012 include developing a biodiversity management plan, preparing a significant tree register and assessing the retro-fit needs of major campus buildings.

In 2011 we installed a further 10kw of solar panels on the roof of our new engineering building, adding to the 56.5kw already on the library roof. All energy produced from these solar panels will help to reduce our overall consumption.

Preserving our resources

In late 2011 we planned a trial of the Green Sense metering system in the library, physical science and social science buildings. This system will be installed in early 2012 to monitor the use of electricity, water and gas and enable nominated users to view their building's results on a dedicated website.

The aim of this system is to encourage building users to reduce energy and water use through feedback and competition. If the trial is a success, the system will be rolled out to other buildings in subsequent years.

Best practice waste award

In previous years we have significantly improved our waste management system by introducing co-located waste and recycling bins across our campuses.

This year we conducted another waste and recycling audit of external bins on our South Street Campus to identify any areas that needed further improvement. This audit highlighted the need for further education on the recycling of beverage containers and takeaway coffee cups, so we implemented a point-of-sale campaign to educate staff and students about the correct recycling process for these items.

We also launched a BYO campaign encouraging staff and students to bring their own water bottles and coffee cups for re-use and funded a new high-efficiency dishwasher for reusable food grade coffee cups so the Student Guild-run Café Kadjiny could implement an exchange program in 2012.

The results of these initiatives have been encouraging, with a 10 per cent increase in the number of drink containers in recycling and a major improvement in the quality and cleanliness of all recycled material.

In November the University won a Resource and Waste Management Award at the Western Australia Environment Awards for its best practice recycling and waste management initiatives.



Installing solar panels on the library roof



Adjunct Professor Ron Johnstone with 'Little Red'



Planting native shrubs and trees on campus

Community engagement

Murdoch University plays an integral role in the Western Australian community, forming partnerships with organisations that share our values and vision to tackle some of the greatest challenges facing Australia and the world in the 21st century.

University Sponsorships

Sunset Events

Murdoch University is a major sponsor of three Sunset Events Festivals. The sponsorship gives the University a substantial promotional opportunity, is designed to generate student awareness and also showcases individual schools. Students from the School of Chiropractic and Sports Science have run treatment stations backstage and for festival-goers. Students from the School of Media Communications and Culture provided local radio broadcasting from the Southbound event and worked with the Sunset Events photographer backstage and in the media pit at the West Coast Blues 'n' Roots Festival.

The festivals attract huge crowds to showcase Murdoch University courses, students and talent:

- Southbound Music Festival – held in Busselton in January, and attended by 15,000 people;
- West Coast Blues 'n' Roots Festival – held in Fremantle in March and attended by 20,000 people;
- Groovin' the Moo Music Festival – held in Bunbury in May, the all-age event was attended by a sell-out crowd of 15,000.

Committee for Economic Development of Australia (CEDA) Partnership

Murdoch University partnered with CEDA in the Inventing the Future initiative which included a series of forums for business leaders, government, academics and community organisations. Vice Chancellor Professor Richard Higgott was the keynote speaker in a forum entitled People, Projects and Productivity; Where to From Here? which took place in August.



Revellers at a Sunset Events festival

Leadership Matters

For the eighth consecutive year, Murdoch University partnered with The West Australian in its Leadership Matters series. In 2011 Murdoch University was proud to be the major series partner of the Events Program that saw thousands of representatives of Perth's business community hear presentations from Kerry Stokes AC, Mark Menhinnitt, chief executive of Lend Lease Australia, Don Voelte, chief executive and managing director of Woodside Energy, Michael Malthouse, Senior Coach of the Collingwood Football Club, John Gillam, Managing Director of Bunnings Group and James Packer, Executive Chairman of Consolidated Press Holdings.

Engaging with the community

Murdoch University's values of Equity and Social Justice drive its culture of community engagement. In 2011 the University continued its active involvement with diverse communities locally and internationally.

Inspiring future leaders

Advertising executive and TV personality Todd Sampson delivered the 2011 Sir Walter Murdoch Public Lecture in September at the University. Best known to many Australians as the star panel member of the hit ABC television show The Gruen Transfer, Mr Sampson's lecture weaved together stories about the development of Earth Hour (which he co-created), his experiences as a CEO of a leading company and climbing some of the world's most dangerous mountains unguided.

Human rights expert delivers talks

Professor N Barney Pityana, a human rights expert and theologian who campaigned against the apartheid system in South Africa alongside Steve Biko, delivered a series of public lectures in Perth in October as the 2011 Murdoch University International Theologian. This annual program brings leading religious thinkers to Perth within the theology program of the University.

University welcomes CHOGM VIPs

As part of the Commonwealth Heads of Government Meeting in Perth in October, former Australian Prime Minister Malcolm Fraser presented a public lecture which reflected on his time as the inaugural chair of the Commonwealth Eminent Persons Group. The University also welcomed the Nigerian First Lady Her Excellency Dame Dr Patience Goodluck Jonathan along with key members of her entourage to a meeting with local Indigenous professional women. They talked about the issues faced by the women in their respective cultures in a traditional 'yarning' circle.

Science camp for girl guides

Girl Guides from the Perth metropolitan area learnt about estuarine fauna and the water cycle at a science camp led by Murdoch University academics in August. Murdoch scientists Dr Fiona Valesini and Professor Richard Harper, the Alcoa Chair in Sustainable Water Management, helped the guides explore the local Peel-Harvey estuary to learn more about the links between estuarine ecosystems and the creatures which live in them.

Volunteering Hub opens on campus

The University's Guild of Students opened The Murdoch Volunteering Hub in September, which is dedicated to engaging students and staff in volunteering for the benefit of the community and developing them as individuals. The Hub has already assisted around 40 people in finding volunteering opportunities.

Free chiropractic care for Indigenous communities

Fifth year chiropractic students visited Geraldton, Mt Magnet, Meekatharra and Carnarvon in August to provide free chiropractic care to Indigenous people and other members of the community who could not access treatment. The students mostly concentrated on muscle and bone problems such as back, neck, arm, leg, shoulder, hip and knee pain.

Saving the tuart trees

Murdoch researchers from the Centre for Climate Change, Forest and Woodland Health worked with volunteer groups and school children to collect Tuart tree seeds in Yalgorup National Park, near Mandurah in June. The collected seeds were stored for restoration and research purposes with the aim of preserving the Tuarts – a tree which is in decline in the Yalgorup region.

ABC documentary – Vet School

The dedication of students training to be veterinarians at Murdoch University and the hard work of the staff who guide them is being captured for a documentary series commissioned by the ABC. Fremantle based company Prospero Productions began filming the highs and lows of students in the veterinary science course in July. The series will be screened on the ABC in 2012.

Engaging with schools

Pixar animator in Media Frenzy

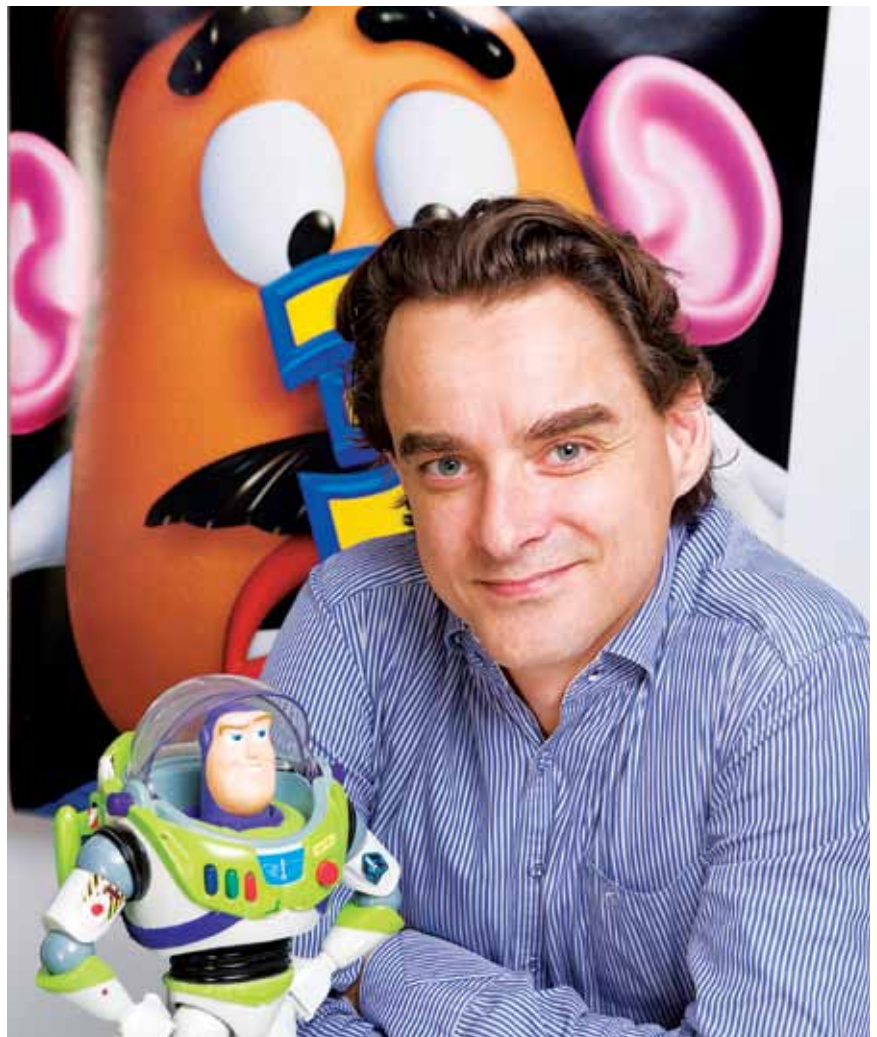
Former Pixar animator Simon Allen, now a Murdoch University lecturer, was among a number of industry professionals to pass on their insight and experience to high school children at the Media Frenzy course on campus in July. Students interested in careers in journalism, public relations, radio, games art and sound were given expert advice and encouragement at the sessions.

Psychology workshop proves popular

More than 200 local high school students took part in a psychology workshop in May in which they learnt about the subject, the courses offered at the University and associated careers. Staff members from the School of Psychology gave interactive talks about topics including why Facebook is popular with young people and developmental psychology.

WACE students get revision help

Year 12 students in Perth and Rockingham preparing for their WACE exams were offered extra help with their studies at revision sessions organised at our South Street and Rockingham Campuses. Students were provided with career and university course advice from Murdoch academics as well as exam tips, essay-writing help and time management advice at the days.



Former Pixar animator Simon Allen

Murdoch University Foundation

Established in 2002 and active since 2003, the Murdoch University Foundation accepts and manages funds generously donated by our many private and corporate supporters and partners through bequests, capital campaigns, gifts, sponsorships and general donations. These funds are distributed as scholarships and prizes or can be targeted to specific areas of teaching, learning or research or to fund specific capital developments or community projects.

The Foundation is an Australian Taxation Office-endorsed Deductible Gift Recipient, which means all gifts are tax deductible. It is governed by a Board of Trustees and includes six voluntary external members.

Since its establishment the Foundation has received more than \$20 million and in 2011 more than \$4.8 million was received in donations and sponsorships for University projects and programs.

Donations

Supporting the University through a contribution or bequest to the Foundation is an astute investment and is more than a generous gift of money. It is also a personal expression of commitment to the University, its students, programs and the wider community.

In 2011, the Foundation was thrilled to receive a commitment of \$900,000 over three years from the McCusker Charitable Foundation to support health research, especially in the field of multiple sclerosis, and develop the careers of eight early career researchers across the health spectrum.

Fortescue Metals Group Chairman Andrew Forrest and his wife, Nicola, made a personal donation of FMG shares valued at \$1.3 million to support the work of our Institute for Immunology and Infectious Diseases (IIID), and in particular the groundbreaking research into HIV AIDS being undertaken by Professor Simon Mallal and his team.

Funds raised through the Genesiis Campaign – which began in 2007 to support the establishment of the IIID – reached more than \$8 million in 2011.

Partnerships

Murdoch partners with a range of private and corporate supporters to enhance our teaching, learning and research activities and help us achieve our vision.

In 2011 the City of Rockingham confirmed its faith in the University by renewing funding for our Chair in Education. Professor Barry Down was appointed to this position six years ago and is based at our Rockingham Campus. The value of this appointment is \$1.4 million over nine years and the City's continued financial support shows confidence in our vision to encourage people from all walks of life to aspire to a university education.

In 2011 Murdoch was also pleased to enter into a partnership with Rio Tinto and the Gumala Aboriginal Corporation to undertake a health and education needs analysis in the Pilbara. Funding of \$200,000 was provided by our partners for the School of Chiropractic and Sport Science, in conjunction with the School of Education, to identify the health and education needs of specific groups in the Pilbara region. This research will also consider the potential to establish a mobile health clinic to deliver a range of health services to remote communities. The benefits of such an initiative will be felt by all involved. In addition to providing much-needed health services for those living in rural and remote Western Australia, it will also provide work integrated learning experiences for our students and open their eyes to the myriad of work opportunities in rural and remote regions.

This year the Fremantle Port Authority pledged \$120,000 over four years to support dolphin research in the Swan River and the City of Mandurah confirmed a \$540,000 agreement to fund a Chair in Health and Wellbeing at our Peel Campus, which focuses on programs in nursing and midwifery.

Scholarships and prizes

At Murdoch we are committed to supporting students throughout their university journey, and equipping them with the tools to achieve success. One of the best ways we can support our students is with scholarships that help them meet their financial responsibilities and prizes that recognise their academic achievements, and in 2011 we again increased the opportunities for support of our students.

2011 saw the establishment of the Discover Your Potential Scholarship Fund, an initiative of the family of Gary Holland and the Rockingham Education Development Group. The Group is working to raise funds to enable young people from the Rockingham region to attend university, allowing them to realise their dreams. The scholarships, valued at \$2,500 per year for each year of an undergraduate degree, will provide much needed assistance throughout the students' studies. In 2011 the group had raised more than \$100,000 towards the scholarship program.

I believe that young people need to be given opportunities to succeed. Providing a strong educational foundation is one of the best ways to get ahead and in turn, give back to the community. I am very proud to be part of the Discover Your Potential Scholarships and helping students from the Rockingham region.

Barbara Holland, Chair Rockingham Education Development Group

One of the Commonwealth Government's priorities in higher education is to raise the number of university enrolments from students in low socio-economic areas. To help us achieve this goal, we received a generous pledge of \$250,000 from an anonymous donor to establish 10 new scholarships each year for the next four years to provide much-needed support for students in financial need. Valued at \$2,500 per year, these scholarships will make a big difference to the lives of many fortunate students.

Hands on India

Chiropractic students at Murdoch fundraised throughout the year to support a two week visit to the Indian region of Siliguri to provide chiropractic care to local communities. Twenty-five students attended the 2011 trip, treating a staggering 5,000 patients in 11 days. The students also fundraised for infrastructure to sustain the effects of the outreach program. As a result of previous donations, a block of land has been purchased to house a school for under-privileged children, giving them some education and to improve their quality of life.



Veterinary students get practical experience

Murdoch University Banksia Association

Established in 2005 to strengthen the University's connections with past supporters, the Murdoch University Banksia Association membership grew to 169 in 2011. This Association welcomes Emeritus and Emeritus Associate Professors, Honorary Degree recipients, past lay members of the Murdoch Senate, past members of the Murdoch Foundation, Murdoch Art Board or Vet Trust and significant University donors.

This year the Banksia Association annual public lecture was delivered by His Excellency Mr Malcolm McCusker AC CVO QC, The Governor of Western Australia, on the 'rule of law and the right to a fair trial'. This lecture was attended by more than 300 people, with significant representation from Perth's legal community and other university law schools.

Murdoch University art collection

Murdoch University Art Collection provides an important creative stimulus to expand and enrich the everyday learning experience of our students, staff and the broader communities who visit our campuses.

This year generous art lovers donated artworks valued at more than \$144,000 to the University's collection and other donors contributed more than \$14,000 for the purchase of artworks. The Collection also received a generous bequest of \$274,000 from the estate of a donor to support future artwork purchases.

Alumni

Keeping in touch with our alumni is a top priority. This year we introduced a new monthly e-newsletter, which in addition to our twice-yearly InTouch magazine, will ensure we continue to strengthen our relationships with former students and keep them up-to-date with University news.

More than 1,500 alumni attended events during 2011 in Perth, interstate and internationally including two significant events organised in Singapore and Kuala Lumpur for our alumni in those areas.

The Murdoch University Distinguished Alumni Awards were also launched in 2011 with 140 nominations received for the four faculty based categories. The awards were presented to Dr Kok Wei Yap, Ms Anna George, Mr John Exeter and Dr Glen Power at a ceremony in July.

Murdoch University Veterinary Trust

The Murdoch University Veterinary Trust was established in 1996 to service the increasing needs of funding for the School of Veterinary and Biomedical Sciences' important and growing work. Since its launch, the Trust has made a significant contribution to the advancement of Australian veterinary science and education by donating over \$3.2 million to the University.

In 2011 the Veterinary Trust continued in sponsorship partnerships with Wellard Rural Exports, Hill's Pet Nutrition Asia Pacific, Hill's Pet Nutrition Australia and Boehringer Ingelheim. With the support of Alcoa Wagerup Alumina Refinery Farmlands, Alcoa World Alumina Australia, Primaries of WA, Mitchell Livestock Transport, Craig Mostyn Group, Queensland Rural and National Australia Bank, the upgrade of the production animal teaching facility was completed. The support of the Veterinary Trust to the University is also greatly assisted by the generous support of the community through bequests and individual and corporate donations and sponsorships.

Murdoch University Donors and Sponsors for 2011

Many other donors and sponsors have supported the University, its students and the community but have chosen to remain anonymous and we thank them for their support. In addition, some donors have provided funds to the Foundation in past years to be held in perpetuity with the income to be used each year for student prizes, scholarships, research and community projects and we thank them also for their support.

Student Prizes

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 AMGEN Australia Pty Ltd
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 Australia-Japan Society of WA Inc
 Australian College of Veterinary Scientists
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Institute for Immunology and Infectious Diseases

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International Theologian Campaign

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Art Collection Support

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Bankwest
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Mary Teresa Barry
Bruce Bauer
Renee Bauer
Janet Beal
Simon Andrew Bell
Michelle Robyn Bellamy
Bernard Bent
Wendy Birch
Christine Burt
J Blitz
Susan Bogle
Kaesaree Boonyakurkul
Lynette Bowra
Peter Bradley
Marianne Brockwell
Ron Brooks
Brian Browes
Heather Brown
Neil Brown
Richard Burch
Pamela Bygrave
Betty Byrne
Jill Campbell
Marlene Carter
Betty Caven
Ron Chamberlain
Roberta & Barry Chapman
Jan Christensen
Lorraine Chyne
Jan Cicerello

Lorna Clark
Emeritus Prof William Clark
Class Vet
Ernie Cockle
Jamie Cook
Kay Coombs
Vicki Cottrell
Phillis Cox
Terry W. Crommelin
Sue D'Alton
Carolyn Daly
Sean David
Kerry Davies
Leanne Day
Brian Dellaca
Margaret Dellaca
Delphi Ltd
Robyn Demamiel
Jo Dixon
Bruce Dixon
Sue Drake
Haylee Dunn
Wendy Dyer
Janet Embrey
Lynnette Frances Embrey
Stan Evans
Audrey Fairchild
Barbara Fernandes
Lynette Fleming
Carol Flint
Elisabeth Ford
Ian Fox
Armanda Rose Franchina
Brian Frugniet
Richard J. Garrett
John Gaynor
Hana Geha
Olwyn Gerrard
BP & HM Gibson
Paul Goggin
Ferdinand Glenville Gomes
Linda Gooch
Sara Gossmann
Phyllis Grant
Elizabeth Hall
Mark Hall
Sharon Hammond
Karen Hampf
William Hannam
Dale M. Harper
Barry Hart
Margaret Harvey
Alaric Hayes
Jeff & Julie Herbert

Margaret Herbert
Dallas Hickman
Dr Vui Min Hiew
Vivian Ho
Diane Holliday-Lane
Janet Lee Holmes à Court, AC
Shirley Horne
Kevin Houlihan
Emeritus Prof John Howell
Paula Hughes
Crystal Humphry
Barbara Imberger
Peter Isbister
Stephanie Isopenko
Marion Jackson
Marie Jennings
Derek Jessop
Betty Johnson
Maureen Johnson
E Jones
Dr Anne Karczub
Elizabeth Kavanagh
Chris Kelly
Dr Mark Russell Kelman
Peter Kendall
Clive Klicker
Tan Seong Kok
Mardee Kow
Dr Chris Lawson-Smith
Cathy Lazzarich
Lynda Leatherman
Jan Leckie
V Lloyd
Dr Graham Long
Carmel Maguire
Grace Manser
Wendy Marinian
Dr William Marmion
Jenny Marsden
K Marshall
Ruth Martin
Peter Maye
Dr Joseph McDermott
Andy McElroy
Rachael McGlenn
Kate McGurk
Cheryl McIntosh
Agnes McLeod
Gloria McMahan
Anne Melville
Jacqueline Meyer
Irene Miller
Jenny Mills
Dr Cherry Moir

Mike Morgan
 Jennifer Moss
 Pat Murphy
 Margaret Murray
 Kim Newton
 Dr Ryan Ng
 Cristina O'Brien
 Rosie O'Grady
 Claudine O'Halloran
 Malcolm O'Hara
 Alex Omel
 Maria O'Toole
 John Owen
 S Parker
 Catherine Parry
 Janice Parthezius
 Sonia Phelan
 Matthew Piggott & Nicole Dennis
 Hilary Pittman
 Peter Potter
 Margaret Powell
 Maria Pracilio
 Julia Preston
 Trudy Purkiss
 Colin Quinn
 Soo-Lin Reynolds
 Nan Richards
 Brian Ridal
 Jan Roberts
 David Robertson
 Decima Rothwell
 Donna Rousham
 G Routley
 Dr Ralph Sarich, AO
 Lewis Guy Schinckel
 Enid Sedgwick
 Dorothy Serjeant
 Dr Robyn Sharp
 Dr Emma Simon
 Colleen Sims
 Carol Sinclair
 Jenny Po Shan Siu
 Veronica Smith
 Fiona Nancy McKenzie Spurling
 Dr Donald Stewart
 Elaine Summers
 Mary Sutherland
 Anne Tan
 Dr Suellen Taylor
 Dr David Tennant
 Susannah Thomas
 Ninetta Tsagaris
 Kenneth Tung
 Heather Tunmore

Jane Underwood
 Vendquip
 Barbara M. Viveash
 Elizabeth Walton
 A G Warner
 Dr Elaine Waters
 Gregg & Chris Watt
 Stephen Watt
 Gillian Weaver
 Margaret West
 Celia Weston
 June Whelan
 Dr Barbara Wilcox
 M Willcox
 E M. Wilson
 Antonia Wise
 Mollie Wombwell
 Wendy Wood
 R. Worton
 Bridgid Woss
 Ala Wrobel
 Stephen Marc Yearwood

Veterinary and Biomedical Sciences Prizes

Dr Peter W Adamson
 Australian and NZL College of Veterinary Scientists (Epidemiology Chapter)
 Australian College of Veterinary Scientists (Pharmacology Chapter)
 Australian Small Animal Veterinary Association
 Australian Society for Parasitology
 Australian College of Veterinary Scientists (Surgery Chapter)
 Australian Veterinary Association Ltd
 Simon Bell The Family of Kevin Bell
 Prof Len Cullen
 Dept of Agriculture & Food
 Dept of Environment & Conservation
 Dr Tom Edwards
 Epichem Pty Ltd
 Equine Veterinarians Australia
 Friends and family of Celina Alexis Chua
 Friends and family of WSA and JE Gordon
 Hill's Pet Nutrition Pty Ltd (AUSTRALIA)
 Interpath Services Pty Ltd
 Invitrogen Life Technologies
 Knowledge Transfer Office Murdoch University
 LiveCorp
 Milne AgriGroup Pty Ltd
 Prof Malcom Eric Nairn
 Ozgene Pty Ltd

Pfizer Australia Pty Ltd
 Provet WA
 Qiagen Pty Ltd
 University of Sydney Centre for CVE
 WA Shearing Contractors Association
 Wellard Rural Exports P/L

Caring for Pets Participating Clinics

All Pets Veterinary Hospital
 Bullsbrook Veterinary Clinic
 Busselton Veterinary Hospital
 Cottesloe Animal Hospital
 Denmark Veterinary Clinic
 Harradine & Associates Veterinary Hospital
 Heartlands Veterinary Hospital
 Kenwick Veterinary Hospital
 Midland Veterinary Hospital
 Midland & Bullsbrook Veterinary Hospital
 Mira Mar Veterinary Hospital
 Ranford Veterinary Hospital
 St Francis Veterinary Hospital
 Valley Veterinary Centre

Annual Report Supplement

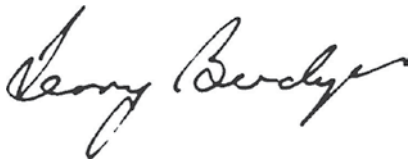
Certification of Financial Statements

The accompanying financial statements of Murdoch University and the accompanying consolidated financial statements have been prepared in accordance with the provisions of the Financial Management Act 2006 from proper accounts and records to present fairly the financial transactions for the financial year ending 31 December 2011 and the financial position as at 31 December 2011.

We declare that the amount of Australian Government financial assistance expended during the reporting period was for the purpose for which it was intended and Murdoch University has complied with applicable legislation, contracts, agreements and program guidelines in making expenditure.

At the date of signing we are not aware of any circumstance which would render the particulars included in the financial statements misleading or inaccurate.

14 March 2012



T C Budge
Chancellor



R A Higgott
Vice Chancellor

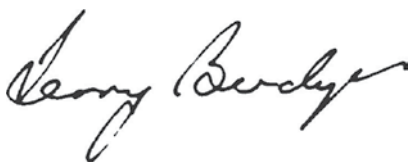


J E Keene
Chief Finance Officer

Certification of Key Performance Indicators

We hereby certify that the 2011 Key Performance Indicators are based on proper records, are relevant and appropriate for assisting users to assess Murdoch University's performance, and fairly represent the performance of Murdoch University for the year ending 31 December 2011.

14 March 2012



T C Budge
Chancellor



R A Higgott
Vice Chancellor

Report by Members of Senate

Members

The following persons were members of the Murdoch University Senate during the year and up to the date of this report:

Terry Budge (Chancellor)	Member since 2004
Eva Skira (Deputy Chancellor)	Member since 2008
Professor John Yovich (Vice Chancellor)	Member since 2002 Retired 25 March 2011
Professor Gary Martin (Vice Chancellor)	Appointed 26 March 2011 Term expired 31 July 2011
Professor Richard Higgott (Vice Chancellor)	Appointed 1 August 2011
Brian Aitken	Member since 2005
Janice Bowra	Member since 2003 Term expired 31 December 2011
Associate Professor Lance Fung	Member since 2009 Term expired 29 November 2011
Associate Professor Pia Broderick	Member since 2009
Russell Gibbs	Member since 2008 Term expired 25 February 2011
Liz Harris	Member since 2010
Garry Hunt	Member since 2004
Tony Iannello	Member since 2006
Dr Marian Kemp	Member since 2007
Brodie Lewis	Member since 2010 Term expired 31 December 2011
Darren Munday	Member since 2008 Term expired 18 April 2011
Maxine Murray	Member since 2008
Paul Niardone	Member since 2008
Michael Pilkington	Appointed 1 January 2011 Resigned 1 August 2011
Dr Lyndy Scott	Member since 2007
Dr Stewart Washer	Member since 2007 Resigned 19 January 2011
Fiona Feist	Appointed 19 April 2011
Russell Barnett	Appointed 24 May 2011
Paul Sadleir	Appointed 20 September 2011
Associate Professor David Holloway	Appointed 29 November 2011
Alex Bellotti	Appointed 1 January 2012
Bec Thompson	Appointed 1 January 2012
Anna George	Appointed 1 January 2012

Meetings of Members

The numbers of meetings of the members of the Murdoch University Senate and of each Senate Sub-Committee held during the year ended 31 December 2011, and the numbers of meetings attended by each Senate member were:

	Senate		Senate Sub-Committees									
	A	B	Audit & Risk		Chancellor's		Governance & Nominations		Honorary Awards & Ceremonial		Resources	
			A	B	A	B	A	B	A	B	A	B
Terry Budge (Chancellor)	7	7			1	1	3	2	2	2		
Eva Skira (Deputy Chancellor)	7	6	5	5	1	1	3	3	2	2	4	2
Professor John Yovich (Vice Chancellor)	1	1					1	0	1	0	1	0
Professor Gary Martin (Vice Chancellor)	3	2					0	0	0	0	1	0
Professor Richard Higgott (Vice Chancellor)	3	3					2	2	1	1	2	0
Brian Aitken	6	6	5	2	1	1					4	2
Janice Bowra	7	7							2	1		
Associate Professor Pia Broderick	7	7					3	3				
Associate Professor Lance Fung	6	5									3	3
Russell Gibbs	0	0										
Liz Harris	7	6							2	1		
Garry Hunt	7	6			1	0					4	1
Tony Iannello	7	4			1	1	3	2			4	4
Dr Marian Kemp	7	4							2	2		
Brodie Lewis	7	6					3	1	1	0		
Darren Munday	1	1							1	0		
Maxine Murray	6	5			1	1	3	3				
Paul Niardone	7	7			1	1						
Michael Pilkington	4	2							1	1		
Dr Lyndy Scott	7	6	5	3								
Dr Stewart Washer	0	0										
Fiona Feist	6	4							1	1		
Russell Barnett	5	5										
Paul Sadleir	2	2									1	1
Associate Professor David Holloway	1	1										

A = Number of meetings held during the time the member held office or was a member of the committee during the year

B = Number of meetings attended

Note: The Senate Sub-Committee members that are not Senate members have been excluded from the table above.

Principal Activities

During the year the principal continuing activities of the University and its subsidiaries (the Group) consisted of higher education, research, consultancy and other commercial operations supporting University activities.

There were no significant changes in the nature of the activities of the Group during the financial year.

Review of Operations

The Group reported an operating surplus before tax of \$26.1 million (2010: \$28.0 million) for the year, a decrease of seven per cent and an operating surplus after tax of \$3.0 million (2010: \$25.9 million) for the year, a decrease of eighty-eight per cent. The University reported an operating

surplus before tax of \$39.9 million (2010: \$33.9 million) and an operating surplus after tax of \$39.7 million (2010: \$33.7 million) for the year, an increase of eighteen per cent.

Although the after tax Group result shows a significant decrease from the previous year, the result includes a significant tax related event (\$22.9 million) in one of the University's subsidiaries, Murdoch Retirement Services Pty Ltd (MRS), which operates the St Ives Retirement Village. The underlying result is more comparable with the exclusion of this significant tax related event.

The event originated from two University subsidiaries' successfully applying for income tax exemption from the Australian Taxation Office (ATO) as charitable institutions.

Murdoch Investments Company Pty Ltd (MIC) and MRS applied for income tax exempt status during the 2011 year. The endorsements were received from the ATO on 24 June 2011 and provided for taxation exemption from 1 July 2005.

The financial impacts of this exemption included:

- i). a cash benefit of \$7.3 million relating to the recovery of income tax payments previously made to the ATO; and
- ii). in accordance with Australian Accounting Standard AASB 112 Income Taxes, the non-cash write down of the deferred tax asset (\$30.2 million) that would no longer be available to MRS. This asset originated in 2007 following the change in accounting treatment of the Retirement Village and related to future income tax deductions.

	2011	2010
	\$m	\$m
Consolidated result before tax (reported)	26.1	28.0
Less:		
Income tax expense	(23.1)	(2.1)
Consolidated result after tax (reported)	3.0	25.9
Less:		
Income tax refunds relating to the two subsidiaries' income tax exempt status	(7.3)	-
Add back:		
Income tax expense relating to the write down of the deferred tax asset balances	30.2	-
Consolidated result after tax (underlying)	25.9	25.9

The Group reported revenue of \$308.9 million for 2011 (\$306.4 million in 2010), an increase of one per cent over the prior year.

The revenue increase is a combination of:

- Lower Australian Government Financial Assistance (\$3.0 million or two per cent). Excluding capital grants of NIL in 2011 and \$9.9 million in 2010, the increase in Australian Government Financial Assistance is \$6.9 million or five per cent;
- An increase in State and Local Government grants received (\$1.7 million or thirty-three per cent);

- Growth in fees and charges (\$5.7 million or ten per cent) largely associated with international and Open University Australia student fees;
- An increase in investment revenue and income (\$2.4 million or thirty-seven per cent). However, once investment losses are included, the net increase in investment returns was \$0.3 million or six per cent;
- A decrease in consultancy and contract research income (\$3.0 million or twelve per cent); and
- A decrease in the fair value adjustment on investment property (\$9.5 million or sixty-three per cent), largely due to an absence of new units being available for sale in 2011 from the St Ives Retirement Village after the completion of Stages 8 and 9 in 2010.

The Group reported expenses (including income tax) of \$305.8 million for 2011, an increase of \$25.4 million or nine per cent over 2010.

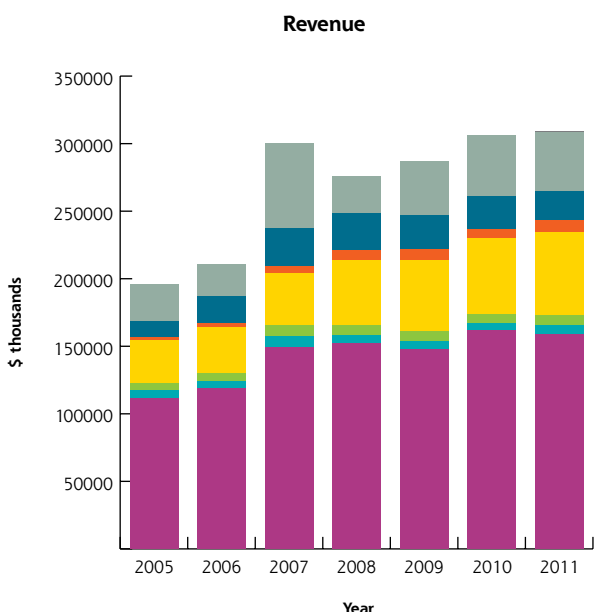
Employee related costs increased \$5.8 million or four per cent, from \$154.4 million in 2010 to \$160.3 million in 2011.

This increase is due primarily to salary increases and automatic progression to higher paid levels of staff on Collective Workplace Agreements.

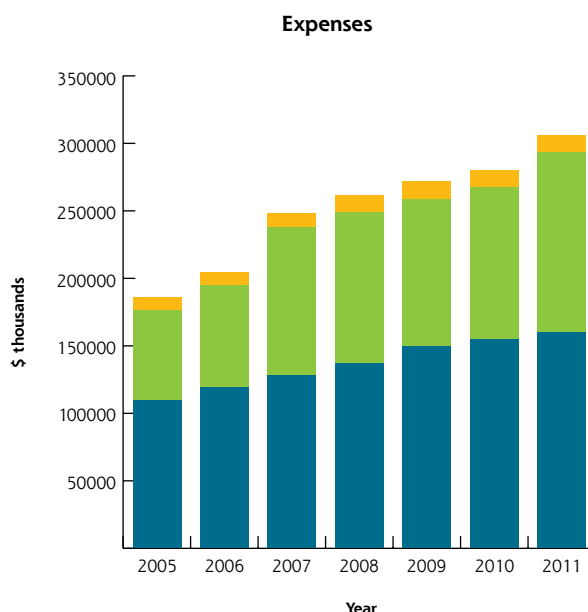
Non employee related costs increased by \$19.3 million, or seventeen per cent, largely due to the significant one-off net income tax expense of \$22.9 million associated with the successful application for tax exempt status of MIC and MRS as mentioned in the "Review of Operations". Excluding this one-off item, non employee related costs decreased \$3.6 million or three per cent. This was largely due to lower repair and maintenance costs (\$5.9 million or forty-three per cent), decreased costs associated with the University productivity improvement program (\$2.1 million or ninety-eight per cent), lower consumable costs (\$1.5 million or thirty-one per cent), lower donation expenses (\$0.5 million or sixty-one per cent) and lower consultancy costs (\$1.2 million or five per cent). These decreases are partially offset by higher fair value movement in resident loans (\$8.0 million or four thousand per cent).

Depreciation has increased by \$0.2 million or two per cent as a result of new asset acquisitions. However, this increase is partially offset by a change in accounting treatment of electronic library materials (refer to Note 2(b) of the financial statements).

A comprehensive review of the operations of the Group and the results of those operations is contained in the Vice Chancellor's Report included in the University's Annual Report.



- Other revenue
- Consultancy and contract research
- Investment income
- Fees and charges
- HECS-HELP student payments
- State and Local Government financial assistance
- Australian Government financial assistance



- Depreciation
- Non-employee related
- Employee related

Unqualified Audit Opinion from the Office of the Auditor General

The University has received an unqualified audit opinion from the Office of the Auditor General in relation to its financial statements for the year ended 31 December 2011.

In the previous year, the University had received a qualification based on the accounting treatment applied by the University for the recognition of research income.

In 2011, the University elected to change its accounting policy in this regard with the revised policy now agreeing with the treatment accepted by the Office of the Auditor General. The financial impact of this change is contained in Note 2(b) of the financial statements.

Current assets vs Current liabilities

The consolidated Statement of Financial Position reflects current assets of \$128.5 million and current liabilities of \$220.6 million.

This position is distorted by the resident loans relating to the St Ives Retirement Village of \$152.8 million which are classified as current liabilities. Under Australian Accounting Standards and under our policy as per note 1 (s) of the financial statements, the resident loans are required to be recognised as current liabilities as residents have control over when they exit the village, not the consolidated group. As a result, the consolidated group does not have an unconditional right to defer settlement.

The classification of the resident loans as current liabilities operates under the assumption that the consolidated group could be required to repay the entire liability at once. In practice however, this is unlikely to occur. Additionally, it is estimated that all payments required would be funded by the cash received from incoming new residents. This has been the situation since the retirement village commenced operations.

If the resident loans were excluded from current liabilities, the current liabilities would be \$67.8 million.

Significant Changes in State of Affairs

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

Matters Subsequent to the End of the Financial Year

There has not arisen in the period between the end of the financial year and the date of this report any item, transaction or event of a material and unusual nature likely to affect significantly the operations or results of the Group.

Likely Developments

The Group will continue to pursue its primary activities of higher education and research. It will further continue to identify commercial activities that provide opportunities for the Group to expand its primary activities, to further develop its endowment funds to strengthen the long term financial security of the Group, and expand the educational and research activities.

The higher education sector is facing ongoing challenges as a result of both changing market conditions and Commonwealth government policy. The Group continues to develop strategies and initiatives to operate successfully in this environment. This is likely to see ongoing change both within the sector and the Group.

Further information about likely developments in the operations of the Group and the expected results of those operations in future financial years has not been included in this report because disclosure of the information would be likely to result in unreasonable prejudice to the Group.

Environmental Regulations

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

The University has an Environmental Sustainability Advisory Committee, which considers environmental issues on the University's campuses.

The University also has an Occupational Safety and Health Committee which considers regulatory and other obligations in relation to health and safety.

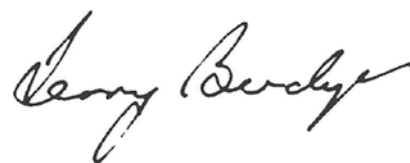
Insurance of Officers

During the financial year, the Group has paid insurance premiums of \$32,028 (2010: \$39,847) in respect of directors' and officers' liability, for current and former directors and officers, including executive officers and secretaries of controlled entities.

Insurance premiums relate to:

- costs and expenses incurred by the relevant directors and officers in defending proceedings; and
- other liabilities that may arise from their position, with the exception of conduct involving a wilful breach of duty or improper use of information or position to gain a personal advantage.

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



T C Budge

Chancellor and Member of Murdoch University Senate

Perth, Western Australia
14 March 2012



Auditor General

INDEPENDENT AUDITOR'S REPORT

To the Parliament of Western Australia

MURDOCH UNIVERSITY

Report on the Financial Statements

I have audited the accounts and financial statements of the Murdoch University and the consolidated entity.

The financial statements comprise the Statement of Financial Position as at 31 December 2011, Income Statement, Statement of Comprehensive Income, Statement of Changes in Equity and Statement of Cash Flows of the University and the consolidated entity for the year then ended, and Notes comprising a summary of significant accounting policies and other explanatory information.

University Senate's Responsibility for the Financial Statements

The University Senate is responsible for keeping proper accounts, and the preparation and fair presentation of the financial statements in accordance with Australian Accounting Standards and the Treasurer's Instructions, and for such internal control as the University Senate determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

As required by the Auditor General Act 2006, my responsibility is to express an opinion on the financial statements based on my audit. The audit was conducted in accordance with Australian Auditing Standards. Those Standards require compliance with relevant ethical requirements relating to audit engagements and that the audit be planned and performed to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the University's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of accounting estimates made by the University Senate, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In my opinion, the financial statements are based on proper accounts and present fairly, in all material respects, the financial position of the Murdoch University and the consolidated entity at 31 December 2011 and their financial performance and cash flows for the year then ended. They are in accordance with Australian Accounting Standards and the Treasurer's Instructions.

Murdoch University

Report on Controls

I have audited the controls exercised by the Murdoch University. The University Senate is responsible for ensuring that adequate control is maintained over the receipt, expenditure and investment of money, the acquisition and disposal of public and other property, and the incurring of liabilities in accordance with the Financial Management Act 2006 and the Treasurer's Instructions, and other relevant written law.

As required by the Auditor General Act 2006, my responsibility is to express an opinion on the controls exercised by the University Senate based on my audit conducted in accordance with Australian Auditing Standards.

Opinion

In my opinion, the controls exercised by the Murdoch University are sufficiently adequate to provide reasonable assurance that the receipt, expenditure and investment of money, the acquisition and disposal of property, and the incurring of liabilities have been in accordance with legislative provisions.

Report on the Key Performance Indicators

I have audited the key performance indicators of the Murdoch University. The University Senate is responsible for the preparation and fair presentation of the key performance indicators in accordance with the Financial Management Act 2006 and the Treasurer's Instructions.

As required by the Auditor General Act 2006, my responsibility is to express an opinion on the key performance indicators based on my audit conducted in accordance with Australian Auditing Standards.

Opinion

In my opinion, the key performance indicators of the Murdoch University are relevant and appropriate to assist users to assess the University's performance and fairly represent indicated performance for the year ended 31 December 2011.

Independence

In conducting this audit, I have complied with the independence requirements of the Auditor General Act 2006 and the Australian Auditing Standards, and other relevant ethical requirements.



COLIN MURPHY
AUDITOR GENERAL
15 March 2012

Financial Statements

Income Statement

For the Year Ended 31 December 2011

	Note	Consolidated		University	
		2011 \$000's	Restated* 2010 \$000's	2011 \$000's	Restated* 2010 \$000's
Revenue from continuing operations					
Australian government financial assistance					
Australian government grants	4	112,281	117,640	112,281	117,640
HECS-HELP - Australian government payments	4	40,804	39,069	40,804	39,069
FEE-HELP	4	5,617	4,945	5,617	4,945
State and local government financial assistance	5	6,992	5,265	6,992	5,265
HECS-HELP student payments		6,965	7,047	6,965	7,047
Fees and charges	6	61,707	56,015	67,661	60,390
Investment revenue	7	8,609	6,396	6,257	4,295
Consultancy and contract research	8	21,955	24,947	21,884	24,689
Other revenue	9	36,848	29,604	35,776	27,728
Total revenue from continuing operations		301,778	290,928	304,237	291,068
Income from continuing operations					
Share of profit on investments accounted for using the equity method	39	216	236	-	-
Other investment income	7	264	78	-	-
Other income	9	6,603	15,158	6,602	15,158
Total income from continuing operations		7,083	15,472	6,602	15,158
Total revenue and income from continuing operations		308,861	306,400	310,839	306,226
Expenses from continuing operations					
Employee related expenses	10	160,272	154,435	158,883	152,788
Depreciation and amortisation	11	12,666	12,473	12,664	12,471
Repairs and maintenance	12	7,762	13,669	6,963	13,108
Borrowing costs	13	690	722	1,602	1,647
Impairment of assets	14	392	945	392	803
Investment losses	7	2,389	332	1,540	186
Losses on disposal of assets		441	55	441	55
Other expenses	15	98,159	95,738	88,418	91,259
Total expenses from continuing operations		282,771	278,369	270,903	272,317
Operating result before income tax		26,090	28,031	39,936	33,909
Income tax (expense) / benefit	17	(23,073)	(2,083)	(222)	(177)
Net operating result after income tax for the period		3,017	25,948	39,714	33,732

* The 2010 comparative balances have been restated. Refer to note 2 (b) for further information.

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

Statement of Comprehensive Income

For the Year Ended 31 December 2011

Net operating result after income tax for the period

Total comprehensive income

* The 2010 comparative balances have been restated. Refer to note 2 (b) for further information.

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

Consolidated		University	
2011	Restated*	2011	Restated*
\$000's	\$000's	\$000's	\$000's
3,017	25,948	39,714	33,732
3,017	25,948	39,714	33,732

Statement of Financial Position

As at 31 December 2011

	Note	Consolidated		University	
			Restated*		Restated*
		2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Assets					
Current assets					
Cash and cash equivalents	18	104,601	87,227	46,269	35,767
Receivables	19	14,838	12,260	15,273	12,186
Inventories	20	2,092	1,782	2,087	1,779
Other financial assets	21	1,615	875	-	23
Other non-financial assets	22	5,342	4,297	5,298	4,257
Total current assets		128,488	106,441	68,927	54,012
Non-current assets					
Receivables	19	810	900	810	900
Other financial assets	21	32,439	31,558	32,364	31,472
Other non-financial assets	22	86	-	86	-
Investments accounted for using the equity method	39	712	496	-	-
Investment properties	23	201,930	196,331	201,930	196,331
Property, plant and equipment	24	540,652	521,846	540,648	521,840
Intangible assets	25	7,485	6,771	7,485	6,771
Deferred tax assets	17(c)	13	30,183	-	-
Total non-current assets		784,127	788,085	783,323	757,314
Total assets		912,615	894,526	852,250	811,326
Liabilities					
Current liabilities					
Trade and other payables	26	13,911	12,633	14,169	11,608
Borrowings	27	901	993	901	993
Provisions	28	36,439	34,917	26,959	26,873
Other liabilities	29	169,347	155,813	6,212	6,387
Total current liabilities		220,598	204,356	48,241	45,861
Non-current liabilities					
Other Payables	26	80	-	80	-
Borrowings	27	9,867	10,716	24,867	25,716
Provisions	28	3,740	4,141	3,740	4,141
Total non-current liabilities		13,687	14,857	28,687	29,857
Total liabilities		234,285	219,213	76,928	75,718
Net assets		678,330	675,313	775,322	735,608
Equity					
Reserves	30	314,592	314,653	314,592	314,653
Retained surplus	30	363,738	360,660	460,730	420,955
Total equity		678,330	675,313	775,322	735,608

* The 2010 comparative balances have been restated. Refer to note 2 (b) for further information.

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

Statement of Changes in Equity

For the Year Ended 31 December 2011

	Reserves	Retained Surplus	Total
	\$000's	\$000's	\$000's
Consolidated			
Balance at 1 January 2010	314,653	321,997	636,650
Changes in accounting policy *	-	12,715	12,715
Restated balance at 1 January 2010	314,653	334,712	649,365
<i>Total comprehensive income</i>			
Changes resulting from profit and loss	-	25,948	25,948
Total comprehensive income	-	25,948	25,948
Balance at 31 December 2010	314,653	360,660	675,313
Balance at 1 January 2011	314,653	360,660	675,313
<i>Total comprehensive income</i>			
Changes resulting from profit and loss	-	3,017	3,017
Total comprehensive income	-	3,017	3,017
Transfer (to)/from Reserves	(61)	61	-
Balance at 31 December 2011	314,592	363,738	678,330
University			
Balance at 1 January 2010	314,653	374,508	689,161
Changes in accounting policy *	-	12,715	12,715
Restated balance at 1 January 2010	314,653	387,223	701,876
<i>Total comprehensive income</i>			
Changes resulting from profit and loss	-	33,732	33,732
Total comprehensive income	-	33,732	33,732
Balance at 31 December 2010	314,653	420,955	735,608
Balance at 1 January 2011	314,653	420,955	735,608
<i>Total comprehensive income</i>			
Changes resulting from profit and loss	-	39,714	39,714
Total comprehensive income	-	39,714	39,714
Transfer (to)/from Reserves	(61)	61	-
Balance at 31 December 2011	314,592	460,730	775,322

* The 2010 comparative balances have been restated. Refer to note 2 (b) for further information.

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

Statement of Cash Flows

For the Year Ended 31 December 2011

	Note	Consolidated		University	
		2011 \$000's	Restated* 2010 \$000's	2011 \$000's	Restated* 2010 \$000's
Cash flows from operating activities					
Australian government grants	4	159,749	159,497	159,749	159,497
State and local government grants		6,992	5,265	6,992	5,265
HECS-HELP – student payments		6,965	7,047	6,965	7,047
OS-HELP (net)	4	(139)	116	(139)	116
Receipts from student fees and other customers		107,835	112,187	118,263	116,939
Dividends received		408	41	1,370	5
Interest received		5,859	4,248	2,468	2,522
Payments to suppliers and employees		(257,971)	(266,816)	(253,994)	(260,367)
Interest and other costs of finance paid		(616)	(645)	(1,528)	(1,712)
Income taxes (paid) / refund		7,264	(69)	-	-
Net cash provided by operating activities	31	36,346	20,871	40,146	29,312
Cash flows from investing activities					
Proceeds from sale of property, plant and equipment		287	60	287	60
Payments for property, plant and equipment, intangibles and investment property		(29,060)	(32,271)	(29,060)	(32,271)
Proceeds from sale of financial assets		21	12	-	-
Repayment of loans by related entities		90	-	90	100
Net cash used in investing activities		(28,662)	(32,199)	(28,683)	(32,111)
Cash flows from financing activities					
Repayment of borrowings		(579)	(549)	(579)	(549)
Repayment of finance leases		(382)	(316)	(382)	(316)
Initial resident loans received		10,651	36,976	-	-
Net cash provided by / (used in) financing activities		9,690	36,111	(961)	(865)
Net increase / (decrease) in cash and cash equivalents		17,374	24,783	10,502	(3,664)
Cash and cash equivalents at the beginning of the financial year		87,227	62,444	35,767	39,431
Cash and cash equivalents at the end of the financial year	18	104,601	87,227	46,269	35,767
Financing arrangement	27				
Non-cash financing and investing activities	31				

* The 2010 comparative balances have been restated. Refer to note 2 (b) for further information.

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

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1 Summary of significant accounting policies

General statement

The financial statements constitute general purpose financial statements which have been prepared in accordance with the Australian Accounting Standards, the Framework, Statements of Accounting Concepts and other authoritative pronouncements of the Australian Accounting Standards Board (AASB) as applied by the Treasurer's Instructions. Several of these are modified by the Treasurer's Instructions to vary application, disclosure, format and wording.

The Financial Management Act and the Treasurer's Instructions are legislative provisions governing the preparation of financial statements and take precedence over the Accounting Standards, the Framework, Statements of Accounting Concepts and other authoritative pronouncements of the AASB.

Where modification is required and has had a material or significant financial effect upon the reported results, details of that modification and the resulting financial effect are disclosed in the notes to the financial statements.

(a) Basis of preparation

The financial statements have been prepared on the accrual basis of accounting using the historical cost convention, except for land, buildings, infrastructure and artworks which have been measured at fair value.

The accounting policies adopted in the preparation of the financial statements have been consistently applied throughout all periods presented unless otherwise stated.

The financial statements are presented in Australian dollars and all values are rounded to the nearest thousand dollars (\$'000).

Note 3 'Critical accounting estimates and judgements' discloses estimates and judgements made in the process of applying the Group's accounting policies resulting in the most significant effect on the amounts recognised in the financial statements.

Note 3 'Critical accounting estimates and judgements' discloses key assumptions made concerning the future, and other key sources of estimation uncertainty at the end of the reporting period, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

(b) Basis of consolidation

Subsidiaries

The consolidated financial statements incorporate the assets and liabilities of all subsidiaries of the University as at 31 December 2011 and the results of all subsidiaries for the year then ended. The University and its subsidiaries together are referred to in this financial report as the Group or the consolidated entity.

Subsidiaries are all those entities (including special purpose entities) over which the University has the power to govern the financial and operating policies, generally accompanying a shareholding of more than one half of the voting rights.

The existence and effect of potential voting rights that are currently exercisable or convertible are considered when assessing whether the University controls another entity.

Subsidiaries are fully consolidated from the date on which control is transferred to the Group. They are de-consolidated from the date that control ceases.

The acquisition method of accounting is used to account for the acquisition of subsidiaries by the Group.

Intercompany transactions, balances and unrealised gains on transactions between Group companies are eliminated. Unrealised losses are also eliminated unless the transaction provides evidence of the impairment of the asset transferred. Accounting policies of subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Group.

Associates

Associates are all entities over which the Group has significant influence but not control, generally accompanying a shareholding of between 20% and 50% of the voting rights. Investments in associates are accounted for in the University financial statements using the cost method and in the consolidated financial statements using the equity method of accounting, after initially being recognised at cost.

The Group's share of its associates' post-acquisition profits or losses is recognised in the Income Statement, and its share of post-acquisition movements in reserves is recognised in reserves. The cumulative post-acquisition movements are adjusted against the carrying amount of the investment. Dividends receivable from associates are recognised in the parent entity's Income Statement, while in the consolidated financial statements they reduce the carrying amount of the investment.

When the Group's share of losses in an associate equals or exceeds its interest in the associate, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the associate.

(c) Revenue and income recognition

Revenue recognition

Revenue is recognised and measured at the fair value of the consideration received or receivable. Amounts disclosed as revenue are net of returns, trade allowances, rebates and amounts collected on behalf of third parties.

The Group recognises revenue when the amount of revenue can be reliably measured, it is probable that future economic benefits will flow to the Group and specific criteria have been met for each of the Group's activities as described below. The amount of revenue is not considered to be reliably measurable until all contingencies relating to the sale have been resolved. The Group bases its estimates on historical results, taking into consideration the type of customer, the type of transaction and the specifics of each arrangement.

Revenue is recognised for the major business activities as follows:

Grants (including research grants), donations, gifts and other non-reciprocal contributions

Revenue is recognised at fair value when the Group obtains control over the assets comprising the contributions, usually when cash is received.

Research grants are recognised at their fair value as the Group obtains control of the right to receive the grant, it is probable that economic benefits will flow to the Group and it can be measured reliably.

Other non-reciprocal contributions are recognised at their fair value. Contributions of services are only recognised when a fair value can be reliably determined and the services would be purchased if not donated.

Student fees and charges

Fees and charges are recognised as income in the year of receipt, except to the extent that fees and charges relate to courses to be held in future periods. Such income is treated as income in advance. Conversely, fees and charges relating to debtors are recognised as revenue in the year to which the prescribed course relates.

Interest revenue

Interest revenue is recognised as it accrues. The effective interest method, which is the rate that discounts estimated future cash receipts through the expected life of the financial asset to the net carrying amount of the financial asset is used where applicable.

Sale of goods

Revenue is recognised from the sale of goods and disposal of other assets when the significant risks and rewards of ownership control transfer to the purchaser and can be measured reliably.

Dividends

Dividend revenue is recognised net of any franking credits.

Revenue from distributions from subsidiaries is recognised by the University when the distributions are declared by the subsidiaries. As the University is a tax exempt entity, the University is entitled to claim the franking credits associated with the distributions from the taxation authority.

Lease income

Lease income from operating leases is recognised in income on a straight-line basis over the lease term.

Deferred management fees

Deferred management fees (DMF), relating to the retirement village, are earned whilst the resident occupies the independent living unit or serviced apartment. The DMF revenue on the original loan from the resident is recognised as income on a straight line basis over the resident's expected tenure. Expected tenure is calculated by reference to information issued by the Australian Bureau of Statistics for life expectancy and industry trends regarding rollovers.

The DMF revenue on increases in the market value is recognised on an emerging basis.

Where a rollover occurs prior to estimated tenure duration, the difference between the cash received and the accrued DMF is brought to account as revenue immediately.

Income recognition

Gains

Realised and unrealised gains are usually recognised on a net basis. These include gains arising on the disposal of non-current assets and some revaluations of non-current assets.

(d) Property, plant and equipment

Items of property, plant and equipment with a purchase price of \$5,000 or more are recognised as assets and the cost of utilising assets is expensed (depreciated)

over their useful lives. Items of property, plant and equipment with a purchase price less than \$5,000 are immediately expensed direct to the Income Statement (other than where the cost forms part of a group of similar items which are significant in total). Land, buildings, infrastructure, library books, motor vehicles and artwork have no minimum capitalisation limit.

Initial recognition and measurement

All items of property, plant and equipment are initially recognised at cost. For items of property, plant and equipment acquired at no cost or for nominal cost, the cost is their fair value at the date of acquisition.

Subsequent measurement

Subsequent to initial recognition as an asset, the revaluation model is used for the measurement of land, buildings, infrastructure and artworks and the cost model for all other property, plant and equipment. Land and artworks are carried at fair value less accumulated impairment losses. Buildings and infrastructure are carried at fair value less accumulated depreciation and accumulated impairment losses. All other items of property, plant and equipment are stated at historical cost less accumulated depreciation and accumulated impairment losses.

Fair value

Classes of non-current assets including land, buildings, infrastructure and artworks, measured at fair value, are revalued with sufficient regularity to ensure the carrying amount of each asset in the class does not differ materially from fair value at reporting date.

Land has been determined on the basis of current use land value for the Murdoch University campus and market land value for all other land.

Buildings and infrastructure are valued at estimated current replacement costs less accumulated depreciation (depreciated replacement cost).

Artworks are valued at market value.

Revaluation increments, on a class of assets basis, are recognised in the asset revaluation reserve except that amounts reversing a decrement previously recognised as an expense are recognised as revenue. Revaluation decrements are only offset against revaluation increments relating to the same class of asset and any excess is recognised as an expense.

Upon disposal or derecognition of an item of land, buildings, infrastructure or artworks, any revaluation surplus relating to that asset is transferred directly to retained earnings.

Cost

The net book value of library books is based on the cost of acquisitions for three years to the end of the current financial year. The University has adopted a 'rolling depreciation' methodology for library books, whereby acquisitions in the fourth year preceding the reporting year are charged to depreciation.

All other plant and equipment assets are presented at cost less accumulated depreciation and accumulated impairment losses where appropriate.

The Group recognises in the carrying amount of an item of property, plant and equipment the cost of replacing part of such an item when that cost is incurred if it is probable that the future economic benefits embodied with the item will flow to the Group and the cost of the item can be measured reliably. All other costs are recognised in the Income Statement as an expense.

Gain/loss on disposal

The gain or loss on disposal of non-current asset sales is recognised as revenue/expense at the date control of the asset passes to the buyer, usually when an unconditional contract of sale is signed.

The gain or loss on disposal is calculated as the difference between the carrying amount of the asset at the time of disposal and the net proceeds on disposal (including incidental costs).

Depreciation

All non-current assets having a limited useful life are systematically depreciated over their estimated useful lives in a manner that reflects the consumption of their future economic benefits. Land is not depreciated.

The depreciation rates used are as follows:

Computer equipment	25%
Other equipment	12.5%
Buildings and infrastructure	2%
Plant	5%
Motor vehicles	16.67%
Leased plant and equipment	12.5%

Artworks are considered as heritage assets and are anticipated to have very long and indefinite useful lives. Their service potential has not, in any material sense, been consumed during the reporting period. As such, no amount for depreciation has been recognised in respect of works of art.

The basis for depreciation and the depreciation rates are reviewed annually.

(e) Intangible Assets

Capitalisation/expensing of assets

The Group's intangible assets, electronic library materials, have no minimum capitalisation limit. The cost of utilising the assets is expensed (amortised) over their useful life. Electronic library materials have an expected useful life of 10 years.

Intangible assets are initially recognised at cost. For assets acquired at no cost or for nominal cost, the cost is their fair value at the date of acquisition.

The cost model is applied for subsequent measurement requiring the asset to be carried at cost less any accumulated amortisation and accumulated impairment losses.

Amortisation for intangible assets with finite useful lives is calculated for the period of the expected benefit (estimated useful life which is reviewed annually) on the straight line basis. All intangible assets controlled by the Group have a finite useful life and zero residual value.

(f) Impairment of assets

Property, plant and equipment, intangibles, investment properties and financial assets are tested for any indication of impairment at the end of each reporting period. Where there is an indication of impairment, the recoverable amount is estimated. Where the recoverable amount is less than the carrying amount, the asset is considered impaired and is written down to the recoverable amount and an impairment loss is recognised. As the University is a not-for-profit entity, unless an asset has been identified as a surplus asset, the recoverable amount is the higher of an asset's fair value less costs to sell and depreciated replacement cost.

The risk of impairment is generally limited to circumstances where an asset's depreciation is materially understated, where the replacement cost is falling or where there is a significant change in useful life. Each relevant class of assets is reviewed annually to verify that the accumulated depreciation/amortisation reflects the level of consumption or expiration of the asset's future economic benefits and to evaluate any impairment risk from falling replacement costs.

The recoverable amount of assets identified as surplus assets is the higher of fair value less costs to sell and the present value of future cash flows expected to be derived from the asset. Surplus assets carried at fair value have no risk of material impairment where fair value is determined by reference to market-based evidence. Where fair value is determined by reference to depreciated

replacement cost, surplus assets are at risk of impairment and the recoverable amount is measured. Surplus assets at cost are tested for indications of impairment at the end of each reporting period.

(g) Investment property

Initially, investment property is measured at cost including transaction costs. Costs of enhancement to an existing investment property are capitalised. Costs of day-to-day servicing of an investment property are expensed.

Subsequent to initial recognition, investment property is stated at fair value. Fair value is determined by reference to market-based evidence, which is the amount for which the asset could be exchanged between a knowledgeable willing buyer and a knowledgeable willing seller in an arm's length transaction as at the valuation date.

Gains or losses arising from changes in the fair value of investment property are included as income in the Income Statement in the period in which they arise.

Investment property is de-recognised when it has either been disposed of or when the investment property is permanently withdrawn from use and no future benefit is expected from its disposal. Any gains or losses on de-recognition of an investment property are recognised in the Income Statement in the period of de-recognition.

Land held for development purposes is also classified as investment property.

When an item of property, plant and equipment is transferred to investment property following a change in its use, any differences arising at the date of transfer between the carrying amount of the item immediately prior to transfer and its fair value is recognised in the Income Statement.

If an investment property becomes owner-occupied, it is reclassified as property, plant and equipment and its fair value at the date of reclassification becomes its cost for accounting purposes of subsequent recording.

(h) Investments and other financial assets

Classification

The Group classifies its investments and other financial assets in the following categories: financial assets at fair value through profit or loss, loans and receivables and held-to-maturity investments. The classification depends on the purpose for which the investments and other financial assets were acquired.

Management determines the classification of its investments at initial recognition and in the case of assets classified as held-to-maturity, re-evaluates this designation at each reporting date.

Financial assets at fair value through profit or loss

This category has two sub-categories: financial assets held for trading, and those designated at fair value through profit or loss on initial recognition. A financial asset is classified in this category if acquired principally for the purpose of selling in the short term or if so designated by management. The policy of management is to designate a financial asset if there exists the possibility it will be sold in the short term or the asset is subject to frequent changes in fair value. Assets in this category are classified as current assets if they are either held for trading or are expected to be realised within 12 months of the year end date.

Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They arise when the Group provides money, goods or services directly to a debtor with no intention of selling the receivable. They are included in current assets, except for those with maturities greater than 12 months after the year end date which are classified as non-current assets. Loans and receivables are included in receivables in the Statement of Financial Position.

Held-to-maturity investments

Held-to-maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturities that the Group's management has the positive intention and ability to hold to maturity.

Subsequent measurement

Loans and receivables and held-to-maturity investments are carried at amortised cost using the effective interest method. Realised and unrealised gains and losses arising from changes in the fair value of the 'financial assets at fair value through profit or loss' category are included in the Income Statement in the period in which they arise.

Subsidiaries

Investments in subsidiaries are carried in the University's financial statements at cost less any impairment in value.

Other

In the Group's financial statements, investments in unlisted shares with no active market are carried at cost less any impairment in value.

(i) Inventories

Inventories are measured at the lower of cost and net realisable value with provisions being made for obsolescence where considered necessary. Costs are assigned by the method most appropriate to each particular class of inventory, with the majority being measured on a weighted average basis. Net realisable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and selling expenses.

(j) Provisions

Provisions are liabilities of uncertain timing or amount and are recognised where there is a present legal or constructive obligation as a result of a past event and when the outflow of resources embodying economic benefits is probable and a reliable estimate can be made of the amount of the obligation. Provisions are reviewed at the end of each reporting period.

(k) Employee benefits

Annual Leave and Long Service Leave

All annual leave and long service leave provisions are in respect of employees' services up to the end of the reporting period.

The liability for annual and long service leave expected to be settled within 12 months after the end of the reporting period is recognised and measured at the undiscounted amounts expected to be paid when the liabilities are settled. Annual and long service leave not expected to be settled within 12 months after the end of the reporting period is recognised and measured at the present value of amounts expected to be paid when the liabilities are settled using the remuneration rate expected to apply at the time of settlement.

When assessing expected future payments consideration is given to expected future wage and salary levels including non-salary components such as employer superannuation contributions, as well as the experience of employee departures and periods of service. The expected future payments are discounted using market yields at the end of the reporting period on national government bonds with terms to maturity that match, as closely as possible, the estimated future cash outflows.

Annual leave and unconditional long service leave provisions are classified as current liabilities as the Group does not have an unconditional right to defer settlement of the liability for at least 12 months after the end of the reporting period.

Pre-conditional and conditional long service leave provisions are classified as non-current liabilities because the Group has an unconditional right to defer the settlement of the liability until the employee has completed the requisite years of service.

Retirement benefit obligations

The employees of the Group are entitled to benefits on retirement from superannuation plans elected by the employees. These plans incorporate defined contribution sections only as per AASB 119 'Employee benefits'.

Obligations for contributions to defined contribution plans are recognised as an expense in the Income Statement as incurred.

Employee on-costs

Employee on-costs, including workers' compensation insurance, are not employee benefits and are recognised separately as liabilities and expenses when the employment to which they relate has occurred.

(l) Leases

Leases of property, plant and equipment where the Group, as lessee, has substantially all the risks and rewards of ownership are classified as finance leases.

Finance leases are capitalised at the lease's inception at the lower of the fair value of the leased property and the present value of the minimum lease payments.

The corresponding rental obligations, net of finance charges, are included in other short-term and long-term payables. Each lease payment is allocated between the liability and finance cost. The finance cost is charged to the Income Statement over the lease period so as to produce a constant periodic rate of interest on the remaining balance of the liability for each period. The property, plant and equipment acquired under finance leases are depreciated over the shorter of the asset's useful life and the lease term.

Leases in which a significant portion of the risks and rewards of ownership are retained by the lessor are classified as operating leases. Payments made under operating leases (net of any incentives received from the lessor) are charged to the Income Statement on a straight-line basis, over the period of the lease.

(m) Trade receivables

Trade receivables are recognised initially at fair value and subsequently measured at amortised cost using the effective interest method, less provision for impairment.

Trade receivables are due for settlement no more than 30 days.

Collectability of trade receivables is reviewed on an ongoing basis. Debts which are known to be uncollectible are written off. A provision for impairment of receivables is established when there is objective evidence that the Group will not be able to collect all amounts due according to the original terms of receivables. Significant financial difficulties of the debtor, probability that the debtor will enter bankruptcy or financial reorganisation, and default or delinquency in payments (more than 30 days overdue) are considered indicators that the trade receivable is impaired. The amount of the provision is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the effective interest rate.

Cash flows relating to short-term receivables are not discounted if the effect of discounting is immaterial. The amount of the provision is recognised in the Income Statement.

(n) Borrowings

Borrowings are recognised initially at the fair value of the proceeds received. Subsequent to initial recognition, borrowings are stated at amortised cost with any difference between cost and redemption value being recognised in the Income Statement over the period of the liabilities on an effective interest basis.

Borrowings are classified as current liabilities unless the Group has an unconditional right to defer settlement of the liability for at least 12 months after the year end date.

(o) Borrowing costs

Borrowing costs are expensed as incurred unless they relate to the acquisition, construction or production of qualifying assets.

Qualifying assets are assets that take more than 12 months to get ready for their intended use or sale. In these circumstances, borrowing costs are capitalised to the cost of the assets.

Where funds are borrowed specifically for the acquisition, construction or production of a qualifying asset, the amount of borrowing costs capitalised is those incurred in relation to that borrowing, net of any interest earned on those borrowings. Where funds are borrowed generally, borrowing costs are capitalised using an effective interest rate method.

(p) Trade and other payables

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

(q) Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of associated GST, unless the GST incurred is not recoverable from the taxation authority. In this case, it is recognised as part of the acquisition cost of the asset or as part of the expense.

Receivables and payables are stated inclusive of the amount of GST receivable or payable.

The net amount of GST recoverable from, or payable to, the taxation authority is included with other receivables or payables in the Statement of Financial Position.

Cash flows are included in the Statement of Cash Flows on a gross basis. The GST components of cash flows arising from investing and financing activities, which are recoverable from, or payable to, the taxation authority, are classified as operating cash flows.

(r) Taxation**University**

The University is an income tax exempt body in Australia. It is subject to foreign income tax for overseas operations.

Consolidation

Certain subsidiaries of the University are tax exempt bodies while other subsidiaries are taxable entities.

For the taxable entities within the group, income tax on the profit or loss for the year comprises current and deferred tax. Income tax is recognised in the Income Statement except to the extent that it relates to items recognised directly in equity, in which case it is recognised in equity.

Current tax is the expected tax payable on the taxable income for the year, using tax rates enacted or substantially enacted at the year end date, and any adjustment to tax payable in respect of previous years.

Deferred tax is provided using the liability method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes.

A deferred tax asset is recognised only to the extent that it is probable that future taxable profits will be available against which the asset can be utilised. Deferred tax assets are reduced to the extent that it is no longer probable that the related tax benefit will be realised.

(s) Resident loans

Resident loans, relating to the retirement village, are measured at the principal amount, plus the residents' share of any increase in the market value of the underlying property at year end date less the value of the deferred management fee receivable.

Resident loans are non-interest bearing and are payable at the end of the resident contract. In most cases this is greater than 12 months, however, they are classified as current liabilities because the company does not have an unconditional right to defer settlement.

In practice, the rate at which the company's retirement residents vacate their units, and hence the rate at which the resident loans will fall due for repayment can be estimated on the basis of statistical tables.

Deferred management fee (DMF) receivable

DMF receivable represents the contractual amount receivable with reference to the underlying resident contract. The company has a contractual right of offset of the DMF receivable against the relevant resident loan.

(t) Cash and cash equivalents

For Statement of Cash Flows presentation purposes, cash and cash equivalents includes cash on hand, deposits held at call with financial institutions, other short-term highly liquid investments with original maturities of three months or less that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value, and bank overdrafts. Bank overdrafts are shown within borrowings in current liabilities on the Statement of Financial Position.

(u) Financial instruments

In addition to cash and bank overdraft, the Group has the following categories of financial instruments:

- Receivables and payables;
- Investments; and
- Interest bearing liabilities.

Financial instruments have been disaggregated into the following classes:

- Financial Assets
 - (i) Cash and cash equivalents
 - (ii) Receivables
 - (iii) Listed securities
 - (iv) Managed funds
- Financial Liabilities
 - (i) Payables
 - (ii) Western Australian Treasury Corporation borrowings
 - (iii) Lease liabilities

Initial recognition and measurement of financial instruments is at fair value which normally equates to the transaction cost or the face value. Subsequent measurement is at amortised cost using the effective interest method.

The fair value of short-term receivables and payables is the transaction cost or the face value because there is no interest rate applicable and subsequent measurement is not required as the effect of discounting is not material.

(v) Foreign currency translation

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions are recognised in the Income Statement.

(w) Comparative figures

Comparative figures are, where appropriate, reclassified so as to be comparable with the figures represented in the current financial year.

2 Disclosure of changes in accounting policy

(a) Initial application of an Australian Accounting Standard

The Group has applied the following Australian Accounting Standard effective for annual reporting periods beginning on or after 1 January 2011 that impacted on the Group.

AASB 2009-12	Amendments to Australian Accounting Standards [AASB 5, 8, 108, 110, 112, 119, 133, 137, 139, 1023 & 1031 and Interpretations 2, 4, 16, 1039 & 1052]
	This Standard makes editorial amendments to a range of Australian Accounting Standards and Interpretations. There is no financial impact.
AASB 2010-4	Further Amendments to Australian Accounting Standards arising from the Annual Improvements Project [AASB 1, AASB 7, AASB 101 & AASB 134 and Interpretation 13]
	The amendments to AASB 7 clarify financial instrument disclosures in relation to credit risk. The carrying amount of financial assets that would otherwise be past due or impaired whose terms have been renegotiated is no longer required to be disclosed. There is no financial impact.
	The amendments to AASB 101 clarify the presentation of the statement of changes in equity. The disaggregation of other comprehensive income reconciling the carrying amount at the beginning and the end of the period for each component of equity is no longer required. There is no financial impact.
AASB 2010-5	Amendments to Australian Accounting Standards [AASB 1, 3, 4, 5, 101, 107, 112, 118, 119, 121, 132, 133, 134, 137, 139, 140, 1023 & 1038 and Interpretations 112, 115, 127, 132 & 1042]

This Standard makes editorial amendments to a range of Australian Accounting Standards and Interpretations. There is no financial impact.

(b) Changes in accounting policies

The Group has changed its accounting policies in relation to the recognition of research revenue and the treatment of electronic library materials in 2011.

(i) Recognition of research grant revenue

The University revised its accounting policy on recognition of research grant revenue to comply with the requirements of AASB 1004 "Contributions". The University previously recognised research revenue in accordance with AASB 118 "Revenue" on the stage of completion method and reported unearned research grant revenue at the year end date as a liability in the Statement of Financial Position. Under the revised policy, research grant revenue is recognised in the Income Statement as the University obtains control of the right to receive the research grant revenue, it is probable that economic benefits will flow to the University and it can be reliably measured.

(ii) Treatment of electronic library materials

The University revised its accounting treatment for electronic library materials due to the increase in the purchase of electronic library materials in recent years. Electronic library materials previously capitalised as library books in accordance with AASB 116 "Property, Plant and Equipment" have been reclassified as Intangible Assets in accordance with AASB 138 "Intangible Assets". The revised treatment has resulted in a change in the capitalisation of the costs of electronic library materials and the methodology used to expense the costs over their useful life:

- Electronic library materials where the Group does not have perpetual access are expensed in the Income Statement as they do not meet the requirements of AASB 138 "Intangible Assets".
- A review of the useful lives was conducted which resulted in a change to the amortisation rate applied to the electronic library materials. Electronic library materials previously depreciated under Property, Plant and Equipment in full after three years following their purchase are now depreciated over a 10 year period on a straight line basis.

The changes in accounting policies had the following impact on the Financial Statements:

Reconciliation of the Statement of Financial Position before the changes to accounting policies to that after the changes:

	Consolidated			University		
	Pre changes in accounting policies	Effect of changes to accounting policies	After changes in accounting policies	Pre changes in accounting policies	Effect of changes to accounting policies	After changes in accounting policies
	2010 \$'000	2010 \$'000	2010 \$'000	2010 \$'000	2010 \$'000	2010 \$'000
Non-Current Assets						
Property, plant and equipment ^(#)	530,547	(8,701)	521,846	530,541	(8,701)	521,840
Intangible assets ^(#)	-	6,771	6,771	-	6,771	6,771
Current Liabilities						
Other liabilities ^(*)	171,789	(15,976)	155,813	22,363	(15,976)	6,387
Equity						
Retained earnings ^{(*) (#)}	346,614	14,046	360,660	406,909	14,046	420,955

^(*) Impact from recognition of research grant revenue

^(#) Impact from treatment of electronic library materials

Statement of Financial Position after changes to accounting policy:

	Consolidated			University		
	2011 \$000's	Restated 2010 \$000's	Restated 1 Jan 2010 \$000's	2011 \$000's	Restated 2010 \$000's	Restated 1 Jan 2010 \$000's
Assets						
Current assets						
Cash and cash equivalents	104,601	87,227	62,444	46,269	35,767	39,431
Receivables	14,838	12,260	14,138	15,273	12,186	13,807
Inventories	2,092	1,782	1,926	2,087	1,779	1,923
Other financial assets	1,615	875	954	-	23	23
Other non-financial assets	5,342	4,297	4,430	5,298	4,257	4,397
Total current assets	128,488	106,441	83,892	68,927	54,012	59,581
Non-current assets						
Receivables	810	900	900	810	900	900
Other financial assets	32,439	31,558	30,131	32,364	31,472	30,044
Other non-financial assets	86	-	-	86	-	-
Investments accounted for using the equity method	712	496	260	-	-	-
Investment properties	201,930	196,331	152,709	201,930	196,331	152,709
Property, plant and equipment	540,652	521,846	530,884	540,648	521,840	530,877
Intangible assets	7,485	6,771	5,894	7,485	6,771	5,894
Deferred tax assets	13	30,183	31,981	-	-	-
Total non-current assets	784,127	788,085	752,759	783,323	757,314	720,424
Total assets	912,615	894,526	836,651	852,250	811,326	780,005
Liabilities						
Current liabilities						
Trade and other payables	13,911	12,633	16,848	14,169	11,608	14,967
Borrowings	901	993	814	901	993	814
Provisions	36,439	34,917	33,504	26,959	26,873	26,678
Other liabilities	169,347	155,813	120,609	6,212	6,387	5,159
Total current liabilities	220,598	204,356	171,775	48,241	45,861	47,618
Non-current liabilities						
Other Payables	80	-	-	80	-	-
Borrowings	9,867	10,716	11,205	24,867	25,716	26,205
Provisions	3,740	4,141	4,306	3,740	4,141	4,306
Total non-current liabilities	13,687	14,857	15,511	28,687	29,857	30,511
Total liabilities	234,285	219,213	187,286	76,928	75,718	78,129
Net assets	678,330	675,313	649,365	775,322	735,608	701,876
Equity						
Reserves	314,592	314,653	314,653	314,592	314,653	314,653
Retained surplus	363,738	360,660	334,712	460,730	420,955	387,223
Total equity	678,330	675,313	649,365	775,322	735,608	701,876

(c) Future impact of Australian Accounting Standards not yet operative

The Group has not applied the following Australian Accounting Standards that have been issued that may impact the Group. Where applicable, the Group plans to apply these Australian Accounting Standards from their application date.

		Operative for reporting periods beginning on/after
AASB 9	<p>Financial Instruments</p> <p>This Standard supersedes AASB 139 Financial Instruments: Recognition and Measurement, introducing a number of changes to accounting treatments.</p> <p>The Standard was reissued in December 2010. The Department of Treasury and Finance (DTF) has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 10	<p>Consolidated Financial Statements</p> <p>This Standard supersedes requirements under AASB 127 Consolidated and Separate Financial Statements and Interpretation 112 Consolidation – Special Purpose Entities, introducing a number of changes to accounting treatments.</p> <p>The Standard was issued in August 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 11	<p>Joint Arrangements</p> <p>This Standard supersedes AASB 131 Interests in Joint Ventures, introducing a number of changes to accounting treatments.</p> <p>The Standard was issued in August 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 12	<p>Disclosure of Interests in Other Entities</p> <p>This Standard supersedes disclosure requirements under AASB 127 Consolidated and Separate Financial Statements and AASB 131 Interests in Joint Ventures.</p> <p>The Standard was issued in August 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 13	<p>Fair Value Measurement</p> <p>This Standard defines fair value, sets out a framework for measuring fair value and requires disclosures about fair value measurements. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 119	<p>Employee Benefits</p> <p>This Standard supersedes the previous Standard, introducing a number of changes to accounting treatments.</p> <p>The Standard was issued in September 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 127	<p>Separate Financial Statements</p> <p>This Standard supersedes requirements under AASB 127 Consolidated and Separate Financial Statements, introducing a number of changes to accounting treatments.</p> <p>The Standard was issued in August 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 128	<p>Investments In Associates and Joint Ventures</p> <p>This Standard supersedes AASB 128 Investments in Associates, introducing a number of changes to accounting treatments.</p> <p>The Standard was issued in August 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 1053	<p>Application of Tiers of Australian Accounting Standards</p> <p>This Standard establishes a differential financial reporting framework consisting of two tiers of reporting requirements for preparing general purpose financial statements.</p> <p>The Standard does not have any financial impact on the statutory authority. However it may affect disclosures in the financial statements of the statutory authority if the reduced disclosure requirements apply. DTF has not yet determined the application or the potential impact of the new Standard for statutory authorities.</p>	1 Jul 2013

		Operative for reporting periods beginning on/after
AASB 1054	<p>Australian Additional Disclosures</p> <p>This Standard, in conjunction with AASB 2011-1 Amendments to Australian Accounting Standards arising from the Trans-Tasman Convergence Project, removes disclosure requirements from other Standards and incorporates them in a single Standard to achieve convergence between Australian and New Zealand Accounting Standards. There is no financial impact.</p>	1 Jul 2011
AASB 2009-11	<p>Amendments to Australian Accounting Standards arising from AASB 9 [AASB 1, 3, 4, 5, 7, 101, 102, 108, 112, 118, 121, 127, 128, 131, 132, 136, 139, 1023 & 1038 and Interpretations 10 & 12].</p> <p>This Standard is superseded by AASB 2010-7.</p>	1 Jan 2013
AASB 2010-2	<p>Amendments to Australian Accounting Standards arising from Reduced Disclosure Requirements [AASB 1, 2, 3, 5, 7, 8, 101, 102, 107, 108, 110, 111, 112, 116, 117, 119, 121, 123, 124, 127, 128, 131, 133, 134, 136, 137, 138, 140, 141, 1050 & 1052 and Interpretations 2, 4, 5, 15, 17, 127, 129 & 1052]</p> <p>This Standard makes amendments to many Australian Accounting Standards and Interpretations to introduce reduced disclosure requirements into these pronouncements for application by certain types of entities.</p> <p>The Standard is not expected to have any financial impact. However this Standard may reduce some note disclosures in the financial statements of the statutory authority. DTF has not yet determined the application or the potential impact of the amendments to these Standards for statutory authorities.</p>	1 Jul 2013
AASB 2010-6	<p>Amendments to Australian Accounting Standards – Disclosures on Transfers of Financial Assets [AASB 1 & AASB 7]</p> <p>The amendments to AASB 7 introduce additional disclosure relating to transfers of financial assets. There is no financial impact.</p>	1 Jul 2011
AASB 2010-7	<p>Amendments to Australian Accounting Standards arising from AASB 9 (December 2010) [AASB 1, 3, 4, 5, 7, 101, 102, 108, 112, 118, 120, 121, 127, 128, 131, 132, 136, 137, 139, 1023 & 1038 and Interpretations 2, 5, 10, 12, 19 & 127]</p> <p>This Standard makes amendments to other Australian Accounting Standards and Interpretations as a result of issuing AASB 9 in December 2010. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.</p>	1 Jan 2013
AASB 2011-1	<p>Amendments to Australian Accounting Standards arising from the Trans-Tasman Convergence Project [AASB 1, 5, 101, 107, 108, 121, 128, 132 & 134 and Interpretations 2, 112 & 113]</p> <p>This Standard, in conjunction with AASB 1054, removes disclosure requirements from other Standards and incorporates them in a single Standard to achieve convergence between Australian and New Zealand Accounting Standards. There is no financial impact.</p>	1 Jul 2011
AASB 2011-2	<p>Amendments to Australian Accounting Standards arising from the Trans-Tasman Convergence Project – Reduced Disclosure Requirements [AASB 101 & AASB 1054]</p> <p>This Standard removes disclosure requirements from other Standards and incorporates them in a single Standard to achieve convergence between Australian and New Zealand Accounting Standards for reduced disclosure reporting. DTF has not yet determined the application or the potential impact of the amendments to these Standards for statutory authorities.</p>	1 Jul 2013
AASB 2011-5	<p>Amendments to Australian Accounting Standards – Extending Relief from Consolidation, the Equity Method and Proportionate Consolidation [AASB 127, 128 & 131]</p> <p>This Standard extends the relief from consolidation, the equity method and proportionate consolidation by removing the requirement for the consolidated financial statements prepared by the ultimate or any intermediate parent entity to be IFRS compliant, provided that the parent entity, investor or venturer and the ultimate or intermediate parent entity are not-for-profit entities that comply with Australian Accounting Standards. There is no financial impact.</p>	1 Jul 2011
AASB 2011-6	<p>Amendments to Australian Accounting Standards – Extending Relief from Consolidation, the Equity Method and Proportionate Consolidation – Reduced Disclosure Requirements [AASB 127, 128 & 131]</p> <p>This Standard extends the relief from consolidation, the equity method and proportionate consolidation by removing the requirement for the consolidated financial statements prepared by the ultimate or any intermediate parent entity to be IFRS compliant, provided that the parent entity, investor or venturer and the ultimate or intermediate parent entity comply with Australian Accounting Standards or Australian Accounting Standards – Reduced Disclosure Requirements. There is no financial impact.</p>	1 Jul 2013

		Operative for reporting periods beginning on/after
AASB 2011-7	Amendments to Australian Accounting Standards arising from the Consolidation and Joint Arrangements Standards [AASB 1, 2, 3, 5, 7, 9, 2009-11, 101, 107, 112, 118, 121, 124, 132, 133, 136, 138, 139, 1023 & 1038 and Interpretations 5, 9, 16 & 17] This Standard gives effect to many consequential changes arising from the issuance of AASB 10, AASB 11, AASB 127 Separate Financial Statements and AASB 128 Investments in Associates and Joint Ventures. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.	1 Jan 2013
AASB 2011-8	Amendments to Australian Accounting Standards arising from AASB 13 [AASB 1, 2, 3, 4, 5, 7, 9, 2009-11, 2010-7, 101, 102, 108, 110, 116, 117, 118, 119, 120, 121, 128, 131, 132, 133, 134, 136, 138, 139, 140, 141, 1004, 1023 & 1038 and Interpretations 2, 4, 12, 13, 14, 17, 19, 131 & 132] This Standard replaces the existing definition and fair value guidance in other Australian Accounting Standards and Interpretations as the result of issuing AASB 13 in September 2011. There is no financial impact.	1 Jan 2013
AASB 2011-9	Amendments to Australian Accounting Standards – Presentation of Items of Other Comprehensive Income [AASB 1, 5, 7, 101, 112, 120, 121, 132, 133, 134, 1039 & 1049] This Standard requires grouping of items presented in other comprehensive income on the basis of whether they are potentially reclassifiable subsequently to profit or loss (reclassification adjustments). DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.	1 Jul 2012
AASB 2011-10	Amendments to Australian Accounting Standards arising from AASB 119 (September 2011) [AASB 1, 8, 101, 124, 134, 1049 & 2011-8 and Interpretation 14] This Standard makes amendments to other Australian Accounting Standards and Interpretations as a result of issuing AASB 119 Employee Benefits in September 2011. DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.	1 Jan 2013
AASB 2011-11	Amendments to AASB 119 (September 2011) arising from Reduced Disclosure Requirements This Standard gives effect to Australian Accounting Standards – Reduced Disclosure Requirements for AASB 119 (September 2011). DTF has not yet determined the application or the potential impact of the Standard for statutory authorities.	1 Jul 2013

The following Australian Accounting Standards and Interpretations are not applicable to the Group as they will have no impact:

		Operative for reporting periods beginning on/after
AASB 2010-8	Amendments to Australian Accounting Standards – Deferred Tax: Recovery of Underlying Assets [AASB 112]	1 Jan 2012
AASB 2010-9	Amendments to Australian Accounting Standards – Severe Hyperinflation and Removal of Fixed Dates for First-time Adopters [AASB 1]	1 July 2011
AASB 2010-10	Further Amendments to Australian Accounting Standards – Removal of Fixed Dates for First-time Adopters [AASB 2009-11 & AASB 2010-7]	1 Jan 2013
AASB 2011-3	Amendments to Australian Accounting Standards – Orderly Adoption of Changes to the ABS GFS Manual and Related Amendments [AASB 1049]	1 Jul 2012
AASB 2011-4	Amendments to Australian Accounting Standards to Remove Individual Key Management Personnel Disclosure Requirements [AASB 124]	1 Jul 2013

3 Critical accounting estimates and judgements

Estimates and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

The estimates and assumptions that have a higher risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year include:

a) Critical accounting estimates and assumptions

(i) Impairment of assets

The Group assesses impairment at each reporting date by evaluating conditions specific to the Group that may lead to impairment of assets. Where an impairment trigger exists, the recoverable amount of the assets is determined.

(ii) Artworks, land, buildings and infrastructure

Artworks, land, buildings and infrastructure are measured on a fair value basis and the valuation is determined based on market value for artworks, current use land value for the Murdoch University campus, market land value for all other land and estimated current replacement costs less accumulated depreciation for buildings and infrastructure.

(iii) Discount rates used in estimating non-current provisions

The Group estimates its non-current provisions by using discount rates based on market yields on government bonds.

(iv) Long service leave provision

The assessment of the Group's long service leave provision is based on the appropriate inflation rates, discounting rates, probability and rates for employees leaving service and taking leave while in service.

b) Critical judgements in applying the Group's accounting policies

(i) Useful life of assets

The Group determines the useful life of property, plant and equipment (with the exception of land and artworks) and intangible assets to ensure the assets are depreciated in a manner that reflects the consumption of their future economic benefits.

(ii) Resident loans

Residents are entitled to a portion of the revaluation gain on their unit in accordance with their resident contract. The revaluation of the unit is based on expected entry values for each unit as at year end.

(iii) Deferred management fees (DMF)

The DMF is calculated using variables including the average length of stay for units and serviced apartments and an estimate of the average period for a new tenancy.

4 Australian Government financial assistance

(including HECS-HELP and other Australian Government loan programs)

(a) Commonwealth Grants Scheme and Other Grants

Capital Development Pool	-	2,085	-	2,085
Commonwealth Grants Scheme (CGS) #1	80,141	72,561	80,141	72,561
Disability Support Program	679	457	679	457
Diversity and Structural Adjustment Fund #3	-	120	-	120
Indigenous Support Program	579	596	579	596
Partnership and Participation Program #2	1,896	1,130	1,896	1,130
Transitional Cost Program	32	239	32	239
Workplace Productivity Program	-	1,994	-	1,994
Total Commonwealth Grants Scheme and Other Grants	83,327	79,182	83,327	79,182

(b) Higher Education Loan Programs

HECS – HELP	40,804	39,069	40,804	39,069
FEE – HELP #4	5,617	4,945	5,617	4,945
Total Higher Education Loan Programs	46,421	44,014	46,421	44,014

(c) Scholarships

Australian Postgraduate Awards	2,503	2,141	2,503	2,141
Commonwealth Accommodation Scholarships #5	436	840	436	840
Commonwealth Education Cost Scholarships #5	399	662	399	662
International Postgraduate Research Scholarships	273	139	273	139
Indigenous Access Scholarships	134	136	134	136
Total Scholarships	3,745	3,918	3,745	3,918

(d) DIISR Research

Commercialisation Training Scheme	(63)	(15)	(63)	(15)
Joint Research Engagement Program #6	5,421	4,963	5,421	4,963
Implementation Assistance Program	-	39	-	39
Research Infrastructure Block Grants	1,685	1,960	1,685	1,960
Research Training Scheme	8,537	8,844	8,537	8,844
Sustainable Research Excellence in Universities	1,069	871	1,069	871
Total DIISR Research	16,649	16,662	16,649	16,662

(e) Other Capital Funding

Teaching and Learning Capital Fund	-	7,784	-	7,784
Total Other Capital Funding	-	7,784	-	7,784

(f) Australian Research Council (ARC)

(i) Discovery				
Fellowships	398	392	398	392
Indigenous Researchers Development Project	-	81	-	81
Project	1,070	1,116	1,070	1,116
Total Discovery	1,468	1,589	1,468	1,589
(ii) Linkages				
Infrastructure Projects	480	-	480	-
Projects	948	861	948	861
Total Linkages	1,428	861	1,428	861
Total ARC	2,896	2,450	2,896	2,450

(g) Other Australian Government financial assistance

Non research funding	1,469	820	1,469	820
Research funding	4,195	6,824	4,195	6,824
Total Other Australian Government financial assistance	5,664	7,644	5,664	7,644

Total Australian Government financial assistance

	Consolidated		University	
	2011	2010	2011	2010
	\$000's	\$000's	\$000's	\$000's
Total Australian Government financial assistance	158,702	161,654	158,702	161,654

#1 Includes the basic CGS grant amount, CGS - Regional Loading, CGS - Enabling Loading, Maths and Science Transition Loading and Full Fee Places Transition Loading.

#2 Includes Equity Support Program.

#3 Includes Collaboration and Structural Adjustment Program.

#4 Program is in respect of FEE-HELP for Higher Education only.

#5 Includes Grandfathered Scholarships, National Priority and National Accommodation Priority Scholarships respectively.

#6 Includes Institutional Grants Scheme.

4 Australian Government financial assistance (continued)

Reconciliation

Australian Government grants

HECS – HELP payments

FEE-HELP payments

Total Australian Government financial assistance

(h) Australian Government Grants Received – Cash Basis

CGS and other DEEWR grants

Higher Education Loan Programs

Scholarships

DIISR Research

Other Capital Funding

ARC grants – Discovery

ARC grants – Linkage

Other Australian Government financial assistance

Total Australian Government grants received – cash basis

OS-HELP (net)

Total Australian Government funding received – cash basis

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Australian Government grants	112,281	117,640	112,281	117,640
HECS – HELP payments	40,804	39,069	40,804	39,069
FEE-HELP payments	5,617	4,945	5,617	4,945
Total Australian Government financial assistance	158,702	161,654	158,702	161,654
(h) Australian Government Grants Received – Cash Basis				
CGS and other DEEWR grants	83,219	77,650	83,219	77,650
Higher Education Loan Programs	46,060	43,511	46,060	43,511
Scholarships	5,197	3,930	5,197	3,930
DIISR Research	16,712	16,741	16,712	16,741
Other Capital Funding	-	7,784	-	7,784
ARC grants – Discovery	1,468	1,591	1,468	1,591
ARC grants – Linkage	1,428	861	1,428	861
Other Australian Government financial assistance	5,665	7,429	5,665	7,429
Total Australian Government grants received – cash basis	159,749	159,497	159,749	159,497
OS-HELP (net)	(139)	116	(139)	116
Total Australian Government funding received – cash basis	159,610	159,613	159,610	159,613
State government	6,415	4,813	6,415	4,813
Local government	577	452	577	452
Total state and local government financial assistance	6,992	5,265	6,992	5,265
6 Fees and charges				
Course fees and charges				
Continuing education	105	127	105	127
Fee-paying domestic postgraduate students	2,411	2,138	2,411	2,138
Fee-paying domestic undergraduate students	47	103	47	103
Fee-paying overseas students	42,630	39,660	42,630	39,697
Other domestic course fees and charges	4,899	3,417	4,899	3,417
Total course fees and charges	50,092	45,445	50,092	45,482
Other non-course fees and charges				
Amenities and service fees	181	249	181	249
Facilities fees	1,004	1,232	1,004	1,232
Other fees and charges	6,186	5,242	6,930	6,283
Parking fees	717	640	717	640
Rental and lease charges	3,527	3,207	8,737	6,504
Total other fees and charges	11,615	10,570	17,569	14,908
Total fees and charges	61,707	56,015	67,661	60,390

7 Investment income and losses

(i) Investment revenue and income

Investment revenue

Interest from bank bills and deposits

5,814 4,656 2,475 2,591

Dividends

240 41 1,227 5

Income distributions from managed funds

2,555 1,699 2,555 1,699

Total investment revenue

8,609 6,396 6,257 4,295

Other investment income

Change in fair value of financial assets designated as at fair value through profit & loss

264 78 - -

Total other investment income

264 78 - -

Total investment revenue and income

8,873 6,474 6,257 4,295

(ii) Investment losses

Other investment losses

Change in fair value of financial assets designated as at fair value through profit & loss

2,389 332 1,540 186

Total other investment losses

2,389 332 1,540 186

Total investment losses

2,389 332 1,540 186

Net investment revenue and income

6,484 6,142 4,717 4,109

8 Consultancy and contract research

Research

Contracts

18,551 21,695 18,551 21,695

Other

Consultancy

3,404 3,252 3,333 2,994

Total consultancy and contract research

21,955 24,947 21,884 24,689

9 Other revenue and income

Other revenue

Deferred management fee

5,627 3,732 - -

Donations and bequests

6,942 2,091 15,653 6,986

Franking credits refund on dividend received

168 11 143 -

In kind revenue

- 310 - 310

Non-government grants

447 185 447 185

Other revenue

6,761 6,206 3,486 4,236

Scholarships and prizes

203 315 203 315

Sponsorships income

645 1,139 239 617

Trading income

16,055 15,615 15,605 15,079

Total other revenue

36,848 29,604 35,776 27,728

Other income

Fair value adjustment on investment property

5,527 15,037 5,527 15,037

Insurance recovery

1,076 121 1,075 121

Total other income

6,603 15,158 6,602 15,158

Total other revenue and income

43,451 44,762 42,378 42,886

13 Borrowing costs

Finance lease charges
Interest paid
Total borrowing costs

Consolidated		University	
2011	2010	2011	2010
\$000's	\$000's	\$000's	\$000's
68	77	68	77
622	645	1,534	1,570
690	722	1,602	1,647

14 Impairment of assets

Bad debts
Doubtful debts
Impairment losses
Total impairment of assets

354	453	354	422
28	182	28	171
10	310	10	210
392	945	392	803

15 Other expenses

Administration expenses
Advertising, marketing and promotions
Amenities and service fees
Audit fees, bank charges, legal costs, insurance and taxes
Consulting fees - other
Consulting fees - research
Cost of sales
Donations and sponsorships
Fair value movement in resident loans
General consumables
Licence and royalty fees
Non-capitalised equipment
Occupancy costs
Operating lease payments
Other expenses
Productivity improvement program costs
Scholarships, grants and prizes
Telecommunications
Travel and related staff development and training
Total other expenses

6,689	7,079	6,223	5,756
4,013	4,724	3,862	4,530
189	295	189	295
4,590	4,440	2,660	2,711
14,667	12,852	14,981	15,231
7,019	10,063	6,923	8,421
4,465	4,755	4,456	4,740
1,000	1,628	2,414	524
7,776	(201)	-	-
3,475	5,014	3,350	4,640
2,592	2,241	2,592	2,241
3,734	4,849	3,733	4,843
6,721	5,190	6,494	4,987
3,066	2,645	2,392	2,162
3,483	3,267	3,483	3,263
39	2,183	39	2,183
14,603	14,880	14,603	14,916
1,134	1,063	1,133	1,061
8,904	8,771	8,891	8,755
98,159	95,738	88,418	91,259

16 Trading result

Sales

Cost of sales:
 Opening inventory
 Purchases

 Closing inventory
Cost of goods sold

16,055	15,615	15,605	15,079
(1,782)	(1,926)	(1,779)	(1,923)
(4,777)	(4,611)	(4,766)	(4,596)
(6,559)	(6,537)	(6,545)	(6,519)
2,094	1,782	2,089	1,779
(4,465)	(4,755)	(4,456)	(4,740)
11,590	10,860	11,149	10,339

Trading result

The trading result incorporates teaching related commercial ventures including the Veterinary Teaching Hospital, the Chiropractic Teaching Clinic and the University Bookshop.

17 Income tax

In the current year, two subsidiaries of the University (Murdoch Retirement Services Pty Ltd and Murdoch Investments Company Pty Ltd) were successful in an application to the Australian Taxation Office to be recognised as charitable institutions and were given tax exempt status. The endorsements were received from the Australian Taxation Office on 24 June 2011 and provided for taxation exemption for the subsidiaries from 1 July 2005.

As a result of the above, the subsidiary companies applied for and received tax refunds of \$7,319,181 relating to the period from 1 July 2005 to 31 December 2010.

Further, as tax exempt bodies, the subsidiary companies have no ability to recognise deferred tax balances on the Statement of Financial Position. Therefore, the balance of the deferred tax asset recognised relating to those subsidiaries at 31 December 2010 of \$30,168,091 has been written down via the Statement of Comprehensive Income.

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
(a) Income tax (expense) / benefit				
Current	7,097	(285)	(222)	(177)
Deferred	(30,170)	(1,798)	-	-
Income tax (expense) / benefit	(23,073)	(2,083)	(222)	(177)
(b) Numerical reconciliation of income tax (expense) / benefit to prima facie tax payable				
Operating result from continuing operations before income tax (expense) / benefit subject to income tax	1,257	125	1,218	966
Tax (expense) / benefit at the Australian tax rate of 30% (2010: 30%)	(377)	(38)	(365)	(290)
Difference in overseas tax rates	143	113	143	113
Prior year adjustment	-	4	-	-
Tax losses brought to account	10	3	-	-
Tax losses not brought to account	-	(2,165)	-	-
Adjustment in respect of current income tax of previous years	7,319	-	-	-
Reversal of previously recognised deferred tax balances	(30,168)	-	-	-
Income tax (expense) / benefit	(23,073)	(2,083)	(222)	(177)
(c) Deferred tax assets and liabilities				
<i>Recognised deferred tax assets and liabilities</i>				
The balance comprises temporary differences attributable to:				
<i>Deferred tax assets</i>				
Property, plant and equipment	1	3	-	-
Accruals	4	14	-	-
Provisions	8	23	-	-
Resident loans	-	25,107	-	-
Management fee provision	-	2,405	-	-
Unearned income	-	2,758	-	-
	13	30,310	-	-
<i>Deferred tax liabilities</i>				
Accrued income	-	(127)	-	-
	-	(127)	-	-
Net tax assets / (liabilities) pursuant to set-off provisions	13	30,183	-	-
<i>Movements:</i>				
Opening balance at 1 January	30,183	31,981	-	-
Credited to the income statement	(2)	(1,798)	-	-
Reversals due to obtaining tax exempt status	(30,168)	-	-	-
Closing balance at 31 December	13	30,183	-	-
(d) Tax losses				
At 31 December 2011, there is \$39,575 (2010: \$4,914,039) of unrecognised deferred income tax assets in relation to tax losses carried forward as it is not probable that they will be used in the foreseeable future.				
(e) Deferred tax asset				
The balance comprises temporary differences attributable to:				
Amounts recognised in operating result	13	30,310	-	-
	13	30,310	-	-
Set-off of accrued income pursuant to set off provisions	-	(127)	-	-
Net deferred tax assets	13	30,183	-	-
Deferred tax assets to be recovered within 12 months	12	(91)	-	-
Deferred tax assets to be recovered after more than 12 months	1	30,274	-	-
	13	30,183	-	-

17 Income tax (continued)

Movements – Consolidated

At 1 January 2010
Charged/(credited) to the income statement
At 31 December 2010
Charged/(credited) to the income statement
At 31 December 2011

PP&E	Accruals	Provisions	Resident Loans	Resident Loan Garage
\$'000	\$'000	\$'000	\$'000	\$'000
3	13	38	27,862	-
-	1	(15)	(2,755)	-
3	14	23	25,107	-
(2)	(10)	(15)	(25,107)	-
1	4	8	-	-

Movements – Consolidated

At 1 January 2010
Charged/(credited) to the income statement
At 31 December 2010
Charged/(credited) to the income statement
At 31 December 2011

Management Fee Provision	Unearned Income	Tax Losses	Other	Total
\$'000	\$'000	\$'000	\$'000	\$'000
2,026	2,053	-	4	31,999
379	705	-	(4)	(1,689)
2,405	2,758	-	-	30,310
(2,405)	(2,758)	-	-	(30,297)
-	-	-	-	13

(f) Deferred tax liability

The balance comprises temporary differences attributable to:

Amounts recognised in operating result

Accrued income

Set-off of deferred tax liabilities pursuant to set-off provisions

Net deferred tax liabilities

Consolidated		University	
2011	2010	2011	2010
\$000's	\$000's	\$000's	\$000's
-	(127)	-	-
-	(127)	-	-
-	127	-	-
-	-	-	-

Movements – Consolidated

At 1 January 2010
Charged/(credited) to the income statement
At 31 December 2010
Charged/(credited) to the income statement
At 31 December 2011

Accrued Income
\$'000
(18)
(109)
(127)
127
-

(g) Movement in unrecognised deferred tax assets and liabilities during the year

Movements – Consolidated

At 1 January 2010
Additions
Recognition
At 31 December 2010
Recognition
Reversal relating to income tax exempt status
At 31 December 2011

Tax Losses	Taxable Temporary Differences	Deductible Temporary Differences	Total
\$'000	\$'000	\$'000	\$'000
2,752	-	-	2,752
2,165	-	-	2,165
(3)	-	-	(3)
4,914	-	-	4,914
(9)	-	-	(9)
(4,865)	-	-	(4,865)
40	-	-	40

18 Cash and cash equivalents

Current

Cash at bank and on hand

Bank bills and deposits

Total cash and cash equivalents

(a) Reconciliation to cash at end of the year

The above figures are reconciled to cash at the end of the year as shown in the Statement of Cash Flows as follows:

Balances as above

Balance per Statement of Cash Flows

(b) Cash at bank and on hand

These are interest bearing at an average floating interest rate of 3.57% as at 31 December 2011 (2010: 4.16%).

(c) Bank bills and deposits

The bank bills and deposits are bearing average fixed interest rates of 5.68% as at 31 December 2011 (2010: 5.94%). These deposits have an average maturity of 66 days.

	Consolidated		University	
	2011	2010	2011	2010
	\$000's	\$000's	\$000's	\$000's
Cash at bank and on hand	20,094	21,863	12,769	14,757
Bank bills and deposits	84,507	65,364	33,500	21,010
Total cash and cash equivalents	104,601	87,227	46,269	35,767
Balances as above	104,601	87,227	46,269	35,767
Balance per Statement of Cash Flows	104,601	87,227	46,269	35,767
Trade receivables	14,271	11,834	14,742	11,746
Less: Provision for impaired receivables	(1,754)	(1,777)	(1,790)	(1,763)
	12,517	10,057	12,952	9,983
Other	2,321	2,203	2,321	2,203
Total current receivables	14,838	12,260	15,273	12,186
Loans receivable	810	900	810	900
Total non-current receivables	810	900	810	900
Total receivables	15,648	13,160	16,083	13,086
(a) Impaired receivables				
<i>Impaired:</i>				
Movements in the provision for impaired receivables are as follows:				
At 1 January	1,777	1,642		
Provision for impairment recognised during the year	380	632		
Receivables written off during the year as uncollectible	(403)	(497)		
At 31 December	1,754	1,777		
The creation and release of the provision for impaired receivables has been included in 'Impairment of assets' in the income statement. Amounts charged to the provision account are generally written off when there is no prospect of further recovery.				
<i>Past due date:</i>				
As at 31 December 2011, trade receivables of \$2,467k (2010: \$2,573k) were 90 or more days past due but not impaired. These relate mainly to student debt and to a number of customers for whom there is no recent history of default. The ageing analysis of these receivables is as follows:				
Not past due	7,194	4,036		
Past due 30 days	836	1,556		
Past due 60 days	2,020	1,892		
Past due 90 or more days	4,221	4,350		
	14,271	11,834		

The other amounts within receivables do not contain impaired assets and are not past due. Based on credit history, it is expected that these amounts will be received when due.

19 Receivables (continued)

(b) Foreign exchange risk

The carrying amount of the Group's and University's current and non-current receivables are denominated in the following currencies:

Euro
US Dollars
New Zealand Dollars
Swiss Francs

Current receivables

A summarised analysis of the sensitivity of receivables to foreign exchange risk can be found in note 37.

(c) Fair value and credit risk

Current receivables

Due to the short term nature of current receivables, the carrying value is assumed to approximate fair value.

Non-current receivables

Loans receivable

The maximum exposure to credit risk at the reporting date is the higher of the carrying value and fair value of each class of receivables mentioned above. The Group does not hold any collateral as security.

Consolidated		University	
2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
16	-	16	-
224	213	224	213
14	10	14	10
-	4	-	4
254	227	254	227
254	227	254	227
254	227	254	227

Carrying Amount \$000's	Fair Value \$000's	Carrying Amount \$000's	Fair Value \$000's
810	900	810	900
810	900	810	900

Consolidated		University	
2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
1,046	967	1,046	967
1,041	812	1,041	812
5	3	-	-
2,092	1,782	2,087	1,779

20 Inventories

Current

Bookshop - at cost
Veterinary Hospital - at cost
Other - at cost

Total current inventories

21 Other financial assets

Current

Financial assets at fair value through profit and loss - Listed securities
Total current other financial assets

Non-current

Shares in subsidiaries – cost
Shares in other unlisted entities – cost
Financial assets at fair value through profit and loss – Managed funds
Total non-current other financial assets

Total other financial assets

Changes in fair values of other financial assets at fair value through profit or loss are recorded in investment income and investment losses in the income statement (note 7).

The maximum exposure to credit risk at the reporting date is the carrying amount of the assets.

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Financial assets at fair value through profit and loss - Listed securities	1,615	875	-	23
Total current other financial assets	1,615	875	-	23
Shares in subsidiaries – cost	-	-	100	100
Shares in other unlisted entities – cost	110	110	10	10
Financial assets at fair value through profit and loss – Managed funds	32,329	31,448	32,254	31,362
Total non-current other financial assets	32,439	31,558	32,364	31,472
Total other financial assets	34,054	32,433	32,364	31,495
Prepayments	5,342	4,297	5,298	4,257
Prepayments	86	-	86	-
Total other non-financial assets	5,428	4,297	5,384	4,257
Opening balance at 1 January	196,331	152,709	196,331	152,709
Fair value adjustments	5,527	15,037	5,527	15,037
Transfer from property, plant and equipment	72	28,585	72	28,585
Closing balance at 31 December	201,930	196,331	201,930	196,331
Rental income	1,219	1,180	1,219	1,180
Revaluation increment	-	1,300	-	1,300
Direct operating expenses	(93)	(87)	(93)	(87)
Total recognised in income statement	1,126	2,393	1,126	2,393
Fair value adjustment on investment property	5,527	13,737	5,527	13,737
Total recognised in income statement	5,527	13,737	5,527	13,737
Investment properties are measured on a fair value basis. The 2011 valuation of the commercial building was determined by independent valuer, McGees Property, utilising market based evidence. The 2011 valuation of the St Ives Retirement Village Murdoch was determined by utilising an industry specific valuation model (developed by Ernst and Young), after updating key assumptions in the model. These assumptions were obtained from advice received from Ernst and Young.				
Within one year	1,263	1,210	1,263	1,210
Later than one year but not later than five years	4,100	5,344	4,100	5,344
	5,363	6,554	5,363	6,554

22 Other non-financial assets

Current

Prepayments

Non-current

Prepayments

Total other non-financial assets

23 Investment properties

Non-current

Opening balance at 1 January
Fair value adjustments
Transfer from property, plant and equipment
Closing balance at 31 December

Investment property includes a commercial building that is leased to a third party under an operating lease and the St Ives Retirement Village Murdoch.

(a) Amounts recognised in the Income Statement for the commercial building

Rental income
Revaluation increment
Direct operating expenses
Total recognised in income statement

(b) Amounts recognised in the Income Statement for St Ives Retirement Village Murdoch

Fair value adjustment on investment property
Total recognised in income statement

(c) Valuations

Investment properties are measured on a fair value basis. The 2011 valuation of the commercial building was determined by independent valuer, McGees Property, utilising market based evidence. The 2011 valuation of the St Ives Retirement Village Murdoch was determined by utilising an industry specific valuation model (developed by Ernst and Young), after updating key assumptions in the model. These assumptions were obtained from advice received from Ernst and Young.

(d) Operating leases (as lessor) – Commercial building

The future minimum lease payments under non-cancellable leases are as follows:

Within one year
Later than one year but not later than five years

24 Property, plant and equipment

	Land	Buildings & Infrastructure	Construction in progress	Plant	Computing Equipment	Other Equipment	Motor Vehicles	Artworks	Library Books	Leased Plant and Equipment	Total
	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's
Consolidated											
At 1 January 2010											
- Cost	-	-	29,680	4,063	10,408	39,235	1,634	-	4,240	1,346	90,606
- Independent Valuation	194,700	278,124	-	-	-	-	-	3,612	-	-	476,436
- Murdoch Valuation	-	264	-	-	-	-	-	44	-	-	308
Accumulated depreciation	-	-	-	(846)	(7,781)	(25,509)	(645)	-	(1,334)	(351)	(36,466)
Net book amount	194,700	278,388	29,680	3,217	2,627	13,726	989	3,656	2,906	995	530,884
Year ended 31 December 2010											
Opening net book amount	194,700	278,388	29,680	3,217	2,627	13,726	989	3,656	2,906	995	530,884
Additions	-	-	23,831	106	205	4,625	281	364	981	738	31,131
Disposals	-	-	-	-	(1)	(82)	(32)	-	-	-	(115)
Transfers to investment property	-	-	(28,585)	-	-	-	-	-	-	-	(28,585)
Transfers to buildings & infrastructure	-	15,147	(15,147)	-	-	-	-	-	-	-	-
Depreciation charge	-	(5,595)	-	(204)	(1,020)	(2,702)	(281)	-	(1,444)	(223)	(11,469)
Closing net book amount	194,700	287,940	9,779	3,119	1,811	15,567	957	4,020	2,443	1,510	521,846
At 31 December 2010											
- Cost	-	-	9,779	4,169	9,505	41,749	1,863	-	3,887	2,084	73,036
- Murdoch Valuation	194,700	293,535	-	-	-	-	-	4,020	-	-	492,255
Accumulated depreciation	-	(5,595)	-	(1,050)	(7,694)	(26,182)	(906)	-	(1,444)	(574)	(43,445)
Net book amount	194,700	287,940	9,779	3,119	1,811	15,567	957	4,020	2,443	1,510	521,846
Year ended 31 December 2011											
Opening net book amount	194,700	287,940	9,779	3,119	1,811	15,567	957	4,020	2,443	1,510	521,846
Additions	-	289	22,032	6	4,058	2,865	615	259	667	61	30,852
Disposals	-	(87)	-	-	-	(152)	(206)	-	-	(27)	(472)
Transfers (to)/ from investment property	-	(257)	185	-	-	-	-	-	-	-	(72)
Transfers to buildings & infrastructure	-	14,333	(14,333)	-	-	-	-	-	-	-	-
Depreciation charge	-	(5,900)	-	(208)	(975)	(3,076)	(283)	-	(803)	(257)	(11,502)
Closing net book amount	194,700	296,318	17,663	2,917	4,894	15,204	1,083	4,279	2,307	1,287	540,652
At 31 December 2011											
- Cost	-	-	17,663	4,176	12,757	43,447	2,121	-	3,110	2,106	85,380
- Murdoch Valuation	194,700	307,793	-	-	-	-	-	4,279	-	-	506,772
Accumulated depreciation	-	(11,475)	-	(1,259)	(7,863)	(28,243)	(1,038)	-	(803)	(819)	(51,500)
Net book amount	194,700	296,318	17,663	2,917	4,894	15,204	1,083	4,279	2,307	1,287	540,652

24 Property, plant and equipment (continued)

	Land	Buildings & Infrastructure	Construction in progress	Plant	Computing Equipment	Other Equipment	Motor Vehicles	Artworks	Library Books	Leased Plant and Equipment	Total
	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's
University											
At 1 January 2010											
- Cost	-	-	29,680	4,063	10,408	39,196	1,634	-	4,240	1,346	90,567
- Independent Valuation	194,700	278,124	-	-	-	-	-	3,612	-	-	476,436
- Murdoch Valuation	-	264	-	-	-	-	-	44	-	-	308
Accumulated depreciation	-	-	-	(846)	(7,781)	(25,477)	(645)	-	(1,334)	(351)	(36,434)
Net book amount	194,700	278,388	29,680	3,217	2,627	13,719	989	3,656	2,906	995	530,877
Year ended 31 December 2010											
Opening net book amount	194,700	278,388	29,680	3,217	2,627	13,719	989	3,656	2,906	995	530,877
Additions	-	-	23,831	106	205	4,624	281	364	981	738	31,130
Disposals	-	-	-	-	(1)	(82)	(32)	-	-	-	(115)
Transfers to investment property	-	-	(28,585)	-	-	-	-	-	-	-	(28,585)
Transfers to buildings & infrastructure	-	15,147	(15,147)	-	-	-	-	-	-	-	-
Depreciation charge	-	(5,595)	-	(204)	(1,020)	(2,700)	(281)	-	(1,444)	(223)	(11,467)
Closing net book amount	194,700	287,940	9,779	3,119	1,811	15,561	957	4,020	2,443	1,510	521,840
At 31 December 2010											
- Cost	-	-	9,779	4,169	9,505	41,710	1,863	-	3,887	2,084	72,997
- Murdoch Valuation	194,700	293,535	-	-	-	-	-	4,020	-	-	492,255
Accumulated depreciation	-	(5,595)	-	(1,050)	(7,694)	(26,149)	(906)	-	(1,444)	(574)	(43,412)
Net book amount	194,700	287,940	9,779	3,119	1,811	15,561	957	4,020	2,443	1,510	521,840
Year ended 31 December 2011											
Opening net book amount	194,700	287,940	9,779	3,119	1,811	15,561	957	4,020	2,443	1,510	521,840
Additions	-	289	22,032	6	4,058	2,865	615	259	667	61	30,852
Disposals	-	(87)	-	-	-	(152)	(206)	-	-	(27)	(472)
Transfers (to)/ from investment property	-	(257)	185	-	-	-	-	-	-	-	(72)
Transfers to buildings & infrastructure	-	14,333	(14,333)	-	-	-	-	-	-	-	-
Depreciation charge	-	(5,900)	-	(208)	(975)	(3,074)	(283)	-	(803)	(257)	(11,500)
Closing net book amount	194,700	296,318	17,663	2,917	4,894	15,200	1,083	4,279	2,307	1,287	540,648
At 31 December 2011											
- Cost	-	-	17,663	4,176	12,757	43,408	2,121	-	3,110	2,106	85,341
- Murdoch Valuation	194,700	307,793	-	-	-	-	-	4,279	-	-	506,772
Accumulated depreciation	-	(11,475)	-	(1,259)	(7,863)	(28,208)	(1,038)	-	(803)	(819)	(51,465)
Net book amount	194,700	296,318	17,663	2,917	4,894	15,200	1,083	4,279	2,307	1,287	540,648

Valuations of land and buildings

Land, buildings, infrastructure and artworks are measured on a fair value basis, being the amount for which the assets could be exchanged between knowledgeable and willing parties in an arm's length transaction, having regard to the highest and best use of the asset for which other parties would be willing to pay. The valuations as at 1 January 2010 determined by independent valuers, McGees Property and Dawson & Ward (land, buildings and infrastructure), Perth Galleries (artworks) and Seva Frangos Art (artworks), are on the basis of current use land value for the Murdoch University campus and market land value for all other land, estimated current replacement costs less accumulated depreciation for buildings and infrastructure and market value for artworks. The valuations as at 31 December 2011 determined by Murdoch University take into account the prior year valuations, additions and disposals during the year, depreciation of buildings during the year, market movements and advice provided by the independent valuers who conducted the 2009 valuations.

27 Borrowings

Current

Secured

Lease liabilities

Western Australian Treasury Corporation *

Total current secured borrowings

Unsecured

Western Australian Treasury Corporation *

Total current unsecured borrowings

Total current borrowings

Non-current

Secured

Lease liabilities

Western Australian Treasury Corporation *

Total non-current secured borrowings

Unsecured

Loan from wholly owned subsidiary

Western Australian Treasury Corporation *

Total non-current unsecured borrowings

Total non-current borrowings

Total borrowings

* The loans from Western Australian Treasury Corporation are as follows:

(i) Law building loan of \$287,929 which is unsecured, interest bearing at a fixed rate of 5.93% and repayable in quarterly instalments by October 2018.

(ii) Student village loan of \$959,199 which is unsecured, interest bearing at a weighted average rate of 5.72% and repayable in quarterly instalments by October 2017.

(iii) Peel campus loan 1 of \$6,125,877 which is secured by a Guarantee of the Treasurer of the State, interest bearing at a fixed rate of 6.69% and repayable in quarterly instalments by April 2027.

(iv) Peel campus loan 2 of \$2,618,437 which is secured by a Guarantee of the Treasurer of the State, interest bearing at a weighted average interest rate of 4.66% and repayable in quarterly instalments by July 2017.

(a) Assets pledged as security

The carrying amounts of assets pledged as security for current and non-current interest bearing liabilities are:

Non-current

Finance leases

Plant and equipment

Total assets pledged as security

(b) Financing arrangements

Unrestricted access was available at balance date to the following lines of credit:

Bank facilities

Total facilities available

Asset finance (Finance leases)

Facilities utilised at reporting date

Asset finance (Finance leases)

Facilities not utilised at reporting date

Asset finance (Finance leases)

(c) Fair value

The fair value of the current and non-current borrowings equals their carrying value, as the impact of discounting is not significant.

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Current				
Secured				
Lease liabilities	290	413	290	413
Western Australian Treasury Corporation *	336	315	336	315
Total current secured borrowings	626	728	626	728
Unsecured				
Western Australian Treasury Corporation *	275	265	275	265
Total current unsecured borrowings	275	265	275	265
Total current borrowings	901	993	901	993
Non-current				
Secured				
Lease liabilities	487	725	487	725
Western Australian Treasury Corporation *	8,408	8,744	8,408	8,744
Total non-current secured borrowings	8,895	9,469	8,895	9,469
Unsecured				
Loan from wholly owned subsidiary	-	-	15,000	15,000
Western Australian Treasury Corporation *	972	1,247	972	1,247
Total non-current unsecured borrowings	972	1,247	15,972	16,247
Total non-current borrowings	9,867	10,716	24,867	25,716
Total borrowings	10,768	11,709	25,768	26,709
(a) Assets pledged as security				
Finance leases	1,287	1,510	1,287	1,510
Total assets pledged as security	1,287	1,510	1,287	1,510
(b) Financing arrangements				
Bank facilities				
Total facilities available				
Asset finance (Finance leases)	2,000	2,000	2,000	2,000
Total facilities available	2,000	2,000	2,000	2,000
Facilities utilised at reporting date				
Asset finance (Finance leases)	777	1,138	777	1,138
Facilities utilised at reporting date	777	1,138	777	1,138
Facilities not utilised at reporting date				
Asset finance (Finance leases)	1,223	862	1,223	862
Facilities not utilised at reporting date	1,223	862	1,223	862

28 Provisions

Current

Employee benefits:

Annual leave

Long service leave

Other

Other provisions

Total current provisions

Non-current

Employee benefits:

Long service leave

Other

Other provisions

Total non-current provisions

Total provisions

The provisions above that have been classified as current are done so as there is no unconditional right to defer settlement for at least 12 months after balance sheet date. However, assessments indicate that actual settlement of the liabilities will occur as follows:

Current provisions expected to be settled within 12 months

Employee benefits:

Annual leave

Long service leave

Other

Other provisions

Current provisions expected to be settled after more than 12 months

Employee benefits:

Annual leave

Long service leave

Other provisions

Total current provisions

Other provisions

Included in other provisions are amounts for employee on-costs, self insurance, Commonwealth support, management fees and productivity improvement program costs. The provisions are based on estimates made from historical information.

Movements in provisions

(a) Other provisions

Current

Balance at beginning of year

Additional provisions

Amounts used

Unused amounts released

Balance at end of year

Non-current

Balance at beginning of year

Additional provisions

Amounts used

Unused amounts released

Balance at end of year

	Consolidated		University	
	2011	2010	2011	2010
	\$000's	\$000's	\$000's	\$000's
Annual leave	10,718	9,403	10,704	9,386
Long service leave	13,636	13,758	13,624	13,748
Other	343	402	343	402
Other provisions	11,742	11,354	2,288	3,337
Total current provisions	36,439	34,917	26,959	26,873
Long service leave	3,438	3,606	3,438	3,606
Other	136	151	136	151
Other provisions	166	384	166	384
Total non-current provisions	3,740	4,141	3,740	4,141
Total provisions	40,179	39,058	30,699	31,014
Annual leave	7,212	6,013	7,203	6,002
Long service leave	663	613	663	613
Other	343	402	343	402
Other provisions	10,597	10,303	1,142	2,286
	18,815	17,331	9,351	9,303
Annual leave	3,506	3,390	3,501	3,384
Long service leave	12,973	13,145	12,962	13,135
Other provisions	1,145	1,051	1,145	1,051
	17,624	17,586	17,608	17,570
Total current provisions	36,439	34,917	26,959	26,873
Balance at beginning of year	11,354	11,333	3,337	4,545
Additional provisions	2,933	2,454	1,184	1,190
Amounts used	(1,657)	(566)	(1,345)	(531)
Unused amounts released	(888)	(1,867)	(888)	(1,867)
Balance at end of year	11,742	11,354	2,288	3,337
Balance at beginning of year	384	682	384	682
Additional provisions	314	-	314	-
Amounts used	(154)	(1)	(154)	(1)
Unused amounts released	(378)	(297)	(378)	(297)
Balance at end of year	166	384	166	384

29 Other liabilities

Current

Income in advance

Other liabilities

Resident loans *

OS-HELP liability

Total current other liabilities

* Resident loan obligation

Less: Deferred Management Fees (DMF) receivable

Resident loan obligation and DMF receivable are recognised on a net basis due to the right of offset in accordance with AASB 117.

30 Equity

Equity represents the residual interest in the net assets of the Group. The asset revaluation surplus represents that portion of equity resulting from the revaluation of non-current assets.

Reserves

Asset revaluation reserve

Total reserves

Movement during the year:

(a) Asset revaluation reserve

Balance at beginning of year

Transfer (from) reserve to retained earnings

Balance at end of year

Retained surplus

Balance at start of period

Result for the period

Transfer to retained earnings from reserve

Balance at end of period

Total Equity at end of period

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Income in advance	15,142	15,044	4,799	5,589
Other liabilities	1,413	700	1,413	700
Resident loans *	152,792	139,971	-	-
OS-HELP liability	-	98	-	98
Total current other liabilities	169,347	155,813	6,212	6,387
* Resident loan obligation	188,167	169,700	-	-
Less: Deferred Management Fees (DMF) receivable	(35,375)	(29,729)	-	-
	152,792	139,971	-	-
Asset revaluation reserve	314,592	314,653	314,592	314,653
Total reserves	314,592	314,653	314,592	314,653
Balance at beginning of year	314,653	314,653	314,653	314,653
Transfer (from) reserve to retained earnings	(61)	-	(61)	-
Balance at end of year	314,592	314,653	314,592	314,653
Balance at start of period	360,660	334,712	420,955	387,223
Result for the period	3,017	25,948	39,714	33,732
Transfer to retained earnings from reserve	61	-	61	-
Balance at end of period	363,738	360,660	460,730	420,955
Total Equity at end of period	678,330	675,313	775,322	735,608

31 Reconciliation of profit from ordinary activities to net cash provided by operating activities

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Profit from ordinary activities after income tax	3,017	25,948	39,714	33,732
<i>Adjustments for:</i>				
Depreciation and amortisation	12,666	12,473	12,664	12,471
(Gain) / loss on disposal of property, plant and equipment	441	55	441	55
Fair value (gain) / loss on other financial assets	2,125	254	1,540	186
Fair value (gain) / loss on investment property	(5,527)	(15,037)	(5,527)	(15,037)
Fair value movement in resident loans	7,776	(201)	-	-
Share of net results of associates accounted for using the equity method	(216)	(236)	-	-
Impairment losses	10	310	10	210
Management fees	114	85	114	85
In-kind revenue	-	(310)	-	(310)
Donations	(5,242)	-	(3,906)	-
Income from managed funds reinvested	(2,555)	(1,699)	(2,555)	(1,699)
<i>Changes in assets and liabilities:</i>				
(Increase) / decrease in receivables	(2,497)	1,877	(3,006)	1,621
(Increase) / decrease in inventories	(311)	144	(309)	144
(Increase) / decrease in other assets	(1,132)	133	(1,105)	139
(Increase) / decrease in deferred tax assets	30,170	1,798	-	-
Increase / (decrease) in payables	1,238	(4,397)	2,520	(3,542)
Increase / (decrease) in provisions	1,123	1,247	(313)	30
Increase / (decrease) in resident loans	(5,606)	(5,128)	-	-
Increase / (decrease) in other liabilities	752	3,555	(136)	1,227
Net cash provided by operating activities	36,346	20,871	40,146	29,312
Non-cash investing and financing activities				
Acquisition of plant and equipment by means of finance leases	61	738	61	738

32 Remuneration of auditor

During the year the following fees were paid for services provided by the Auditor General of WA to the Group.

Audit services

Auditing of financial reports

	Consolidated		University	
	2011 \$	2010 \$	2011 \$	2010 \$
Auditing of financial reports	287,675	284,950	248,375	236,650

33 Contingent assets and contingent liabilities

There were no contingent assets and contingent liabilities at reporting date.

34 Events subsequent to reporting date

There has not arisen in the period between the end of the financial year and the date of this report any item, transaction or event of a material and unusual nature likely to affect significantly the operations or results of the Group.

35 Commitments for expenditure

The following commitments are GST exclusive.

(a) Capital commitments

Capital expenditure contracted for at the reporting date but not recognised as liabilities is as follows:

Within one year

Total capital commitments

(b) Lease commitments

(i) Operating leases

Commitments relating to non-cancellable operating leases are as follows:

Within one year

Later than one year but not later than five years

Total operating lease commitments

(ii) Finance leases

Commitments relating to finance leases are as follows:

Within one year

Later than one year but not later than five years

Less: Future lease finance charges

Lease liabilities provided for in the financial statements:

Current

Non-current

Total lease liability

(c) Other expenditure commitments

Commitments relating to other expenditure are as follows:

Within one year

Later than one year but not later than five years

Later than five years

Total other expenditure commitments

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Within one year	648	1,576	648	1,576
Total capital commitments	648	1,576	648	1,576
Within one year	857	859	857	859
Later than one year but not later than five years	771	740	771	740
Total operating lease commitments	1,628	1,599	1,628	1,599
Within one year	335	482	335	482
Later than one year but not later than five years	525	800	525	800
	860	1,282	860	1,282
Less: Future lease finance charges	(83)	(144)	(83)	(144)
	777	1,138	777	1,138
Current	290	413	290	413
Non-current	487	725	487	725
Total lease liability	777	1,138	777	1,138
Within one year	2,140	1,800	2,140	1,800
Later than one year but not later than five years	1,666	2,410	1,666	2,410
Later than five years	732	-	732	-
Total other expenditure commitments	4,538	4,210	4,538	4,210

36 Remuneration of senior officers and Senate members

Remuneration of senior officers

The total of fees, salaries, allowances, superannuation and other benefits received or due and receivable for the financial year by senior officers of the University.

The number of senior officers other than senior officers reported as members of the Senate, whose total of fees, salaries, allowances, superannuation and other benefits for the financial year, fall within the following bands are:

Nil - \$10,000

\$20,001 - \$30,000

\$40,000 - \$50,000

\$90,001 - \$100,000

\$101,000 - \$110,000

\$110,001 - \$120,000

\$130,001 - \$140,000

\$140,001 - \$150,000

\$160,001 - \$170,000

\$190,001 - \$200,000

\$200,001 - \$210,000

\$210,001 - \$220,000

\$220,001 - \$230,000

\$230,001 - \$240,000

\$240,001 - \$250,000

\$260,001 - \$270,000

\$270,001 - \$280,000

\$300,001 - \$310,000

\$340,001 - \$350,000

\$360,001 - \$370,000

\$380,001 - \$390,000

\$390,001 - \$400,000

\$410,001 - \$420,000

\$700,001 - \$710,000

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
	3,420	4,243	3,420	4,243
Nil - \$10,000	1	-	1	-
\$20,001 - \$30,000	-	1	-	1
\$40,000 - \$50,000	1(*)	-	1(*)	-
\$90,001 - \$100,000	-	1	-	1
\$101,000 - \$110,000	1	-	1	-
\$110,001 - \$120,000	1(*)	2	1(*)	2
\$130,001 - \$140,000	1	-	1	-
\$140,001 - \$150,000	-	1	-	1
\$160,001 - \$170,000	-	2	-	2
\$190,001 - \$200,000	-	1	-	1
\$200,001 - \$210,000	-	1	-	1
\$210,001 - \$220,000	1	2	1	2
\$220,001 - \$230,000	1	2	1	2
\$230,001 - \$240,000	2	-	2	-
\$240,001 - \$250,000	2	-	2	-
\$260,001 - \$270,000	1	1(*)	1	1(*)
\$270,001 - \$280,000	1	-	1	-
\$300,001 - \$310,000	1	-	1	-
\$340,001 - \$350,000	-	1(*)	-	1(*)
\$360,001 - \$370,000	1(*)	-	1(*)	-
\$380,001 - \$390,000	-	1(*)	-	1(*)
\$390,001 - \$400,000	1(*)	-	1(*)	-
\$410,001 - \$420,000	-	1	-	1
\$700,001 - \$710,000	-	1(*)	-	1(*)

(*) Amount includes leave and/or one-off entitlements paid to senior officer.

Note:

The decrease in remuneration entitlements of senior officers in 2011 compared to 2010 is largely related to the leave and one-off entitlements paid to senior officers who left the University in 2010.

Remuneration of members of Senate

Names of Persons who were members of Senate during the year are:

Terry Budge (Chancellor)

Eva Skira (Deputy Chancellor)

Professor John Yovich (Vice Chancellor – 1 January 2011 to 25 March 2011)

Professor Gary Martin (Vice Chancellor – 26 March 2011 to 31 July 2011)

Professor Richard Higgott (Vice Chancellor – 1 August 2011 to 31 December 2011)

Brian Aitken

Janice Bowra

Associate Professor Lance Fung

Associate Professor Pia Broderick

Russel Gibbs

Liz Harris

Garry Hunt

Tony Iannello

Dr Marian Kemp

Brodie Lewis

Darren Munday

Maxine Murray

Paul Niardone

Michael Pilkington

Dr Lyndy Scott

Dr Stewart Washer

Fiona Feist

Russell Barnett

Paul Sadleir

Associate Professor David Holloway

36 Remuneration of senior officers and Senate members (continued)

	Consolidated		University	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
The total of fees, salaries, allowances, superannuation and other benefits received or due and receivable for the financial year by members of Senate	1,520	935	1,520	935
The number of members of Senate whose total of fees, salaries, allowances, superannuation and other benefits for the financial year, fall within the following bands are:				
\$300,001 - \$310,000	1	-	1	-
\$330,001 - \$340,000	1	-	1	-
\$880,001 - \$890,000	1(*)	-	1(*)	-
\$930,001 - \$940,000	-	1(*)	-	1(*)

(*) Amount includes leave and/or one-off entitlements paid to senior officer.

The Vice Chancellor is the only member of Senate that is a senior officer of the University and receives remuneration in that capacity. All other members of Senate serve in an honorary capacity.

37 Financial instruments

Financial Risk Management

The Group's activities expose it to a variety of financial risks: market risk (including interest rate risk, foreign exchange risk and price risk), credit risk and liquidity risk. The Group's overall risk management program focuses on the unpredictability of financial markets and seeks to minimise potential adverse effects on the financial performance of the Group.

(i) Market risk

Interest rate risk

The Group is exposed to cash flow interest rate risk as it borrows and invests funds at floating interest rates. The risk is managed through maintaining an appropriate mix of borrowings and investments at fixed and floating rates, maintaining an appropriate mix of financial institutions to invest with and setting limits in terms of borrowings and investments.

Foreign exchange risk

Foreign exchange risk arises when future commercial transactions and recognised assets and liabilities are denominated in a currency that is not the Group's functional currency. The Group does have exposure to the international market and therefore is exposed to foreign exchange risk. The Group's current policy is to enter into forward currency contracts to minimise its foreign exchange risk where there is an underlying actual currency exposure.

The Group entered into a forward currency contract in January 2011 to hedge against the exchange rate risk arising from the anticipated payment of USD in the second half of the year. The contract was settled in December 2011. There is no outstanding forward currency contract as at the reporting date.

Price risk

A portion of the Group's investments is exposed to fluctuations in the prices of equity securities. The Group's investment policy provides strategies for the minimisation of price risk with the diversification of that risk through various investment managers and on-going monitoring by the Resources Committee to ensure there is no concentration of risk exposure in any one area.

Summarised sensitivity analysis

The following table summarises the sensitivity of the Group's financial assets and financial liabilities to interest rate risk.

	Carrying Amount \$'000's	Interest rate risk			
		-1%		+1%	
		Result \$'000's	Equity \$'000's	Result \$'000's	Equity \$'000's
2011					
Financial assets					
Cash and cash equivalents (Refer note 18)	104,601	(1,046)	(1,046)	1,046	1,046
Financial liabilities					
Borrowings – floating interest rate (Refer note 27)	3,578	36	36	(36)	(36)
Total increase/(decrease)		(1,010)	(1,010)	1,010	1,010
2010					
Financial assets					
Cash and cash equivalents (Refer note 18)	87,227	(872)	(872)	872	872
Financial liabilities					
Borrowings – floating interest rate (Refer note 27)	3,906	39	39	(39)	(39)
Total increase/(decrease)		(833)	(833)	833	833

37 Financial instruments (continued)

(iv) Fair value estimation

The fair values of financial assets and liabilities are determined as follows:

- The fair value of financial assets and financial liabilities with standard terms and conditions and traded on active liquid markets are determined with reference to quoted market prices;
- The fair value of "other financial assets" and "other financial liabilities" are determined in accordance with generally accepted pricing models based on discounted cash flow analysis using prices from observable current market transactions.
- Financial assets which include unlisted shares are measured at cost less impairment if no active market exists for those shares to be traded in and no fair value can be determined; and
- The carrying value less impairment provision of trade receivables is a reasonable approximation of their fair values due to the short term nature of trade receivables.
- All other financial assets and financial liabilities are recorded at amortised cost in the financial statements and their carrying value approximates their fair value.

Due to the short term nature of current receivables and current payables, their carrying value is assumed to approximate their fair value.

The carrying amounts and aggregate net fair values of non-current financial assets and liabilities at balance date are:

	Carrying Amount		Fair Value	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Non-current financial assets				
Trade and other receivables (Refer note 19(c))	810	900	810	900
Other financial assets (Refer note 21)	32,439	31,558	32,439	31,558
Non-current financial liabilities				
Borrowings (Refer note 27)	9,867	10,716	9,867	10,716

Fair value measurements recognised in the Statement of Financial Position are categorised into the following levels:

	2011	Level 1 ^{#1}	Level 2 ^{#2}	Level 3 ^{#3}
	\$000's	\$000's	\$000's	\$000's
Non-current financial assets				
Trade and other receivables (Refer note 19(c))	810	810	-	-
Other financial assets (Refer note 21)	32,439	32,439	-	-
	33,249	33,249	-	-
Non-current financial liabilities				
Borrowings (Refer note 27)	9,867	9,867	-	-
	9,867	9,867	-	-
Non-current financial assets				
Trade and other receivables (Refer note 19(c))	900	900	-	-
Other financial assets (Refer note 21)	31,558	31,558	-	-
	32,458	32,458	-	-
Non-current financial liabilities				
Borrowings (Refer note 27)	10,716	10,716	-	-
	10,716	10,716	-	-

^{#1} Level 1 – Quoted prices (unadjusted) in active markets for identical assets or liabilities.

^{#2} Level 2 – Quoted prices in active markets for similar items or valuation techniques where significant inputs are based on observable market data.

^{#3} Level 3 – Valuation technique where a significant input is not based on observable market data.

38 Subsidiaries

Name of entity	Principal activities	Country of incorporation	Class of shares	Ownership interest		Operating result	
				2011 %	2010 %	2011 \$000's	2010 \$000's
Parent entity							
Murdoch University		Australia					
Controlled entities							
Murdoch Investments Company Pty Ltd	Investment	Australia	Ordinary	100	100	-	-
Murdoch Retirement Services Pty Ltd (*)	Retirement Village	Australia	Ordinary	100	100	(38,872)	(3,060)
Murdoch Link Pty Ltd (#)	Consulting	Australia	Ordinary	100	100	4	284
Innovative Chiropractic Learning Pty Ltd	Chiropractic Clinic	Australia	Ordinary	100	100	33	21
Murdoch Ventures Pty Ltd	Investment	Australia	Ordinary	100	100	-	-
Murdoch University Foundation	Trust	Australia	-	100	100	2,905	(4,856)
Murdoch University Veterinary Trust	Trust	Australia	-	100	100	154	(289)

(*) Murdoch Retirement Services Pty Ltd (MRS) has been provided with a letter of support by Murdoch University due to the net current asset deficiency position. This position is distorted by the resident loans relating to the St Ives Retirement Village of \$152.8 million which are classified as current liabilities. Under Australian Accounting Standards and our policy as per note 1 (s) of the financial statements, the resident loans are required to be recognised as current liabilities as residents have control over when they exit the village, not MRS. Thereby, MRS does not have an unconditional right to defer settlement. The classification of the resident loans as current liabilities operates under the assumption that MRS could be required to repay the entire liability at once. In practice however, this is unlikely to occur. Additionally, it is estimated that all payments required would be funded by the cash received from incoming new residents. This has been the situation since the retirement village commenced operations. Based on the above, the University does not expect that it will need to provide any support under this agreement.

(#) Murdoch Link Pty Ltd is voluntarily being wound up following the decision of Murdoch University to return the operations of the Company back to the University. Murdoch Link Pty Ltd is expected to be deregistered in 2012.

39 Investments accounted for using the equity method

Investments in associates

Information relating to associates is set out below.

Name and Principal Activities

Murdoch College Properties Pty Ltd: 45% ownership and voting rights.

The entity leases the land designated for Murdoch College from the University. It carries the loan to build the College and leases this building and the land to Murdoch College Inc.

Carrying value

Murdoch College Properties Pty Ltd

Movement in carrying value

Carrying value at beginning of year

Share of net results of associate

Carrying value at end of year

Results attributable to associate

Share of profit / (loss) from ordinary activities before related income tax

Share of income tax (expense) / benefit

Share of profit / (loss) from ordinary activities after related income tax

Share of retained profit/ (loss) at beginning of year

Share of retained profit / (loss) at end of year

Summary of the performance and financial position of the associate

The aggregate profit / (loss), assets and liabilities of the associate is:

Profit / (loss) from ordinary activities after related income tax expense

Total Assets

Total Liabilities

Consolidated	
2011 \$000's	2010 \$000's
712	496
496	260
216	236
712	496
309	338
(93)	(102)
216	236
496	260
712	496
480	524
5,408	5,599
(3,793)	(4,466)

As the audit of Murdoch College Properties Pty Ltd is yet to be finalised, the 2011 information above is based on unaudited financial information. The balances disclosed in this note do not have a material impact on the financial statements of Murdoch University.

42 Superannuation – UniSuper defined benefit division

The Group currently contributes to the UniSuper defined benefit division (DBD) on behalf of certain employees. The DBD is a defined benefit plan under Superannuation Law but, as a result of amendments in 2006 to Clause 34 of the UniSuper Trust Deed, it is considered to be a defined contribution plan under AASB119 "Employee benefits".

Current Clause 34:

- (a) If, after an actuarial investigation and valuation of UniSuper, the Trustee considers that UniSuper is or may be insufficient to provide benefits payable under the Deed, the Trustee must notify each Employer.
- (b) If, after the next two succeeding actuarial investigations and valuations of UniSuper (made in a period of not less than 4 years) the Trustee still considers that UniSuper is or may be insufficient to provide the benefits payable under the Deed, the Trustee must reduce the benefits (including benefits in the course of payment) payable under Division A and Division B on a fair and equitable basis.
- (c) Notwithstanding anything in this Clause 34, if the Trustee believes that UniSuper is or may be technically insolvent, the Trustee must comply with Superannuation Law.

Previous Clause 34:

The previous Clause 34 of the UniSuper Trust Deed outlined the process UniSuper must undertake (including employer notifications and notice periods) in order to request additional contributions from employers if the UniSuper assets are considered by the Trustee to be insufficient to provide benefits payable under the Deed. At least four years notice that such a request may be made was required. If such a request was agreed to by employers then members must also contribute additional contributions equal to one-half of the rate at which their employer is prepared to contribute. If the employers do not agree to increase contributions the Trustee must reduce benefits on a fair and equitable basis. The Trustee notified employers during 2003 that such a request may be made in the future but it considered this was unlikely at that time.

Financial position of the UniSuper defined benefit division

For comparative information purposes only, the financial position below is applicable to the whole UniSuper DBD incorporating all participating employers, not only Murdoch University.

As at 30 June 2011 the assets of the DBD in aggregate were estimated to be \$906.5 million in deficiency of vested benefits. The vested benefits are benefits which are not conditional upon continued membership (or any factor other than leaving the service of the participating institution) and include the value of indexed pensions being provided by the DBD.

As at 30 June 2011 the assets of the DBD in aggregate were estimated to be \$426.7million in excess of accrued benefits. The accrued benefits have been calculated as the present value of expected future benefit payments to members and indexed pensioners which arise from membership of UniSuper up to the reporting date.

The vested benefit and accrued benefit liabilities were determined by the Fund's actuary, Russell Employee Benefits, using the actuarial demographic assumptions outlined in their report dated 9 November 2011 on the actuarial investigation of the DBD as at 30 June 2011. The financial assumptions used were:

	Vested benefits	Accrued benefits
Gross of tax investment return	7.25% p.a.	8.50% p.a.
Net of tax investment return	6.75% p.a.	8.00% p.a.
Consumer Price Index	2.75% p.a.	2.75% p.a.
Inflationary salary increases short term (2 years)	5.00% p.a.	5.00% p.a.
Inflationary salary increases long term	3.75% p.a.	3.75% p.a.

Assets have been included at their net market value, i.e. allowing for realisation costs.

The Defined Benefit Division as at 30 June 2011 is therefore in an "unsatisfactory financial position" as defined by SIS Regulation 9.04. An "unsatisfactory financial position" for a defined benefit fund is defined as when 'the value of the assets of the Fund is inadequate to cover the value of the liabilities of the Fund in respect of benefits vested in the members of the Fund'. The Actuary and the Trustee have followed the procedure required by Section 130 of the SIS Act when funds are found to be in an unsatisfactory financial position.

Clause 34 was initiated following the 31 December 2008 actuarial investigation and it has again been initiated following the 30 June 2011 actuarial investigation.

The actuary currently believes, in respect of the long-term financial condition of the Fund, that assets as at 30 June 2011, together with current contribution rates, are expected to be sufficient to provide for the current benefit levels for both existing members and anticipated new members if experience follows the "best estimate" assumptions.

43 Acquitment of Australian Government financial assistance (University only)

43.1 DEEWR – CGS and Other DEEWR Grants

	Commonwealth Grants Scheme #1		Indigenous Support Program		Partnership & Participation Program #2		Disability Support Program		Workplace Productivity Program		Capital Development Pool		Transitional Cost Program		Diversity and Structural Adjustment Fund #3		Total		
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's		2011 \$000's	
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the Programs)	80,059	71,129	579	596	1,896	1,130	679	457	-	1,994	-	2,085	6	259	-	-	83,219	77,650	
Net accrual adjustments	82	1,432	-	-	-	-	-	-	-	-	-	-	26	(20)	-	-	120	108	
Revenue for the period	80,141	72,561	579	596	1,896	1,130	679	457	-	1,994	-	2,085	32	239	-	-	83,327	79,182	
Surplus / (deficit) from the previous year	-	-	-	-	(26)	-	-	-	-	-	-	-	-	-	-	13	27	(13)	232
Total revenue including accrued revenue	80,141	72,561	579	596	1,870	1,130	679	457	-	1,994	-	2,290	32	239	13	147	83,314	79,414	
Less expenses including accrued expenses	(80,141)	(72,561)	(573)	(596)	(1,870)	(1,156)	(679)	(457)	-	(1,994)	-	(2,290)	(32)	(239)	-	(134)	(83,295)	(79,427)	
Surplus / (deficit) for reporting period	-	-	6	-	-	(26)	-	-	-	-	-	-	-	-	-	13	13	19	(13)

#1 Includes the basic CGS grant amount, CGS - Regional Loading, CGS - Enabling Loading, CGS - Transition Loading and Full Fee Places Transition Loading.

#2 Includes Equity Support Program.

#3 Includes Collaboration and Structural Adjustment Program.

43.2 Higher Education Loan Programs

	HECS-HELP (Australian Government payments only)		FEE-HELP #4		Total
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the Programs)	40,237	38,736	5,823	4,775	46,060
Net accrual adjustments	567	333	(206)	170	361
Revenue for the period	40,804	39,069	5,617	4,945	46,421
Surplus / (deficit) from the previous year	-	-	-	-	-
Total revenue including accrued revenue	40,804	39,069	5,617	4,945	46,421
Less expenses including accrued expenses	(40,804)	(39,069)	(5,617)	(4,945)	(46,421)
Surplus / (deficit) for the reporting period	-	-	-	-	-

#4 Program is in respect of FEE-HELP for Higher Education only.

43 Acquittal of Australian Government financial assistance (University only) (continued)

43.3 Scholarships

	Australian Postgraduate Awards		International Postgraduate Research Scholarships		Commonwealth Education Scholarships #5		Commonwealth Accommodation Scholarships #5		Indigenous Access Scholarships		Total	
	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010
	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the Programs)	2,503	2,141	273	264	1,041	665	1,246	720	134	140	5,197	3,930
Net accrual adjustments	-	-	(125)	(3)	(642)	(3)	(810)	120	-	(4)	(1,452)	(12)
Revenue for the period	2,503	2,141	273	139	399	662	436	840	134	136	3,745	3,918
Surplus / (deficit) from the previous year	(927)	(1,006)	-	-	-	-	-	-	-	-	(927)	(1,006)
Total revenue including accrued revenue	1,576	1,135	273	139	399	662	436	840	134	136	2,818	2,912
Less expenses including accrued expenses	(2,196)	(2,062)	(372)	(139)	(399)	(662)	(436)	(840)	(134)	(136)	(3,537)	(3,839)
Surplus / (deficit) for the reporting period	(620)	(927)	(99)	-	-	-	-	-	-	-	(719)	(927)

#5 Includes Grandfathered, National Priority and National Accommodation Priority Scholarships respectively.

43.4 DIISR Research

	Joint Research Engagement #6		Research Training Scheme		Research Infrastructure Block Grants		Implementation Assistance Program		Commercialisation Training Scheme		Australian Scheme for Higher Education Repositories		Sustainable Research Excellence in Universities		Total		
	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	
	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	\$000's	
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the Programs)	5,421	4,963	8,537	8,844	1,685	1,960	-	39	-	64	-	-	-	1,069	871	16,741	
Net accrual adjustments	-	-	-	-	-	-	-	-	(63)	(79)	-	-	-	-	-	(63)	(79)
Revenue for the period	5,421	4,963	8,537	8,844	1,685	1,960	-	39	(63)	(15)	-	-	-	1,069	871	16,649	16,662
Surplus / (deficit) from the previous year	-	404	-	-	-	-	-	-	142	158	-	172	-	-	-	142	734
Total revenue including accrued revenue	5,421	5,367	8,537	8,844	1,685	1,960	-	39	79	143	-	172	-	1,069	871	16,791	17,396
Less expenses including accrued expenses	(5,421)	(5,367)	(8,537)	(8,844)	(1,685)	(1,960)	-	(39)	(79)	(1)	-	(172)	-	(1,069)	(871)	(16,791)	(17,254)
Surplus / (deficit) for the reporting period	-	-	-	-	-	-	-	-	142	142	-	-	-	-	-	-	142

#6 Includes Institutional Grants Scheme.

43 Acquittal of Australian Government financial assistance (University only) (continued)

43.5 Other Capital Funding

	Better Universities Renewal Funding		Teaching and Learning Capital Fund		Total	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the Programs)	-	-	-	7,784	-	7,784
Net accrual adjustments	-	-	-	-	-	-
Revenue for the period	-	-	-	7,784	-	7,784
Surplus / (deficit) from the previous year	1,371	2,526	5,797	-	7,168	2,526
Total revenue including accrued revenue	1,371	2,526	5,797	7,784	7,168	10,310
Less expenses including accrued expenses	(1,371)	(1,155)	(5,797)	(1,987)	(7,168)	(3,142)
Surplus / (deficit) for the reporting period	-	1,371	-	5,797	-	7,168

43.6 Australian Research Council Grants

(a) Discovery

	Projects		Fellowships		Indigenous Researchers Development		Total	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the Programs)	1,070	1,116	398	392	-	83	1,468	1,591
Net accrual adjustments	-	-	-	-	-	(2)	-	(2)
Revenue for the period	1,070	1,116	398	392	-	81	1,468	1,589
Surplus / (deficit) from the previous year	1,551	1,173	294	182	138	91	1,983	1,446
Total revenue including accrued revenue	2,621	2,289	692	574	138	172	3,451	3,035
Less expenses including accrued expenses	(887)	(738)	(417)	(280)	(77)	(34)	(1,381)	(1,052)
Surplus / (deficit) for the reporting period	1,734	1,551	275	294	61	138	2,070	1,983

43 Acquittal of Australian Government financial assistance (University only) (continued)

43.6 Australian Research Council Grants (continued)

(b) Linkages

Financial assistance received in CASH during the reporting period
(total cash received from the Australian Government for the Programs)

	Projects		Infrastructure		Total	
	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's	2011 \$000's	2010 \$000's
Net accrual adjustments	948	861	480	-	1,428	861
Revenue for the period	948	861	480	-	1,428	861
Surplus / (deficit) from the previous year	1,501	1,449	-	-	1,501	1,449
Total revenue including accrued revenue	2,449	2,310	480	-	2,929	2,310
Less expenses including accrued expenses	(426)	(809)	(315)	-	(741)	(809)
Surplus / (deficit) for the reporting period	2,023	1,501	165	-	2,188	1,501

43.7 OS-Help

	OS-HELP	
	2011 \$000's	2010 \$000's
Cash Received during the reporting period	306	387
Cash Spent during the reporting period	(445)	(271)
Net Cash received	(139)	116
Cash Surplus / (deficit) from the previous period	98	(18)
Cash Surplus / (deficit) for reporting period	(41)	98

Key Performance Indicators 2011

The objectives and key strategies of Murdoch University's Strategic Plan 2010 – 2015 are developed on the foundation of the University's purpose and intent:

Murdoch University will continue to be a comprehensive research-focused University, with high levels of scholarship informing quality teaching.

In this Strategic Plan, Murdoch further strengthens its commitment to the various stakeholders: Murdoch will develop its students to be their best; its staff to achieve their potential; and contribute to a knowledge society for Australia's economic and cultural vitality. This will be done through a focus on the following key themes:

- Academic Profile
- Internationalisation
- Quality and Reputation
- Strategic Investment Capacity
- Innovation and Excellence

To achieve these objectives, Murdoch will continue to focus on its core capabilities – teaching, learning (education) and research. At the same time, Murdoch is committed to diversifying its sources of income and developing its strategic investment capacity.

Priority actions continue to reaffirm Murdoch's 'commitment to make a university education available to all people with the ability and inclination, regardless of their age or where they live'. This ethos has been adopted since 1972 by the foundation Vice Chancellor, Stephen Griew, and has been a vital part of Murdoch's history.

The key strategies identified will continue to distinguish us as a high quality, student-centred teaching University that offers a multidisciplinary/multi-competency approach to courses. The Key Performance Indicators (KPIs) identified below assess the key outcomes for Murdoch University in the areas of Teaching and Learning, Research, and Strategic Investment Capacity.

The targets that have been set for each indicator are mostly 2015 long-term targets, set in line with the Strategic Plan 2010 – 2015. Where 2015 targets are not used, an annual target is set as the basis for performance measurement.

Teaching and Learning

Murdoch has long been recognised for its student-centred high quality teaching and its multidisciplinary/multi-competency approach to course offerings. These teaching and learning strengths are distinctive to Murdoch, and we will further develop capability and investment in these areas. This is what defines and distinguishes us and is also a key point of differentiation in an increasingly competitive sector.

As vital results for teaching and learning, Murdoch will continue course offerings that reflect market demand and government priorities – including those around increased participation and equitable access. At the same time we will ensure that these programs support Murdoch's reputation for excellence in teaching quality and student outcomes.

The key effectiveness indicators relating to Teaching and Learning are:

- Student satisfaction as measured by the quality of teaching
- New student retention rate
- Participation rate for low socio-economic status students
- Student success rate

The key efficiency indicator relating to Teaching and Learning is:

- Total costs relative to total student load

Research

Research and research training have long been one of Murdoch's strengths, particularly when measured relative to the University's size and overall position in the higher education sector. As a research focused University, Murdoch will build on areas of strength to ensure that future investment, activity and outcomes are directed to these research areas as a priority. Research training will continue to be integral to the research effort at Murdoch University.

The focus of research will be into strategic research themes, and with initiatives designed to support improved research performance, will encourage future strength and emphasis. The highlighting of research training will ensure a high quality student stream to build the research capacity of the University and support succession.

The key effectiveness indicator for Research is:

- Increase research income

The key efficiency indicator for Research is:

- Total research income per academic FTE (full-time equivalent)

Strategic Investment Capacity

The University is no longer adequately supported by Commonwealth Government funding, primarily sourced through the Department of Education, Employment and Workplace Relations (DEEWR) and the Department of Industry, Innovation, Science & Research (DIISR). The low indexation of this funding and its inability to meet real program costs, combined with escalating costs and competition from private providers are some of the factors which will see Murdoch under pressure in the new student-centred higher education environment. Proactive diversification of income will be essential in order to maintain quality and standards.

The outcome of this objective is that Murdoch will build its strategic investment capacity through an appropriate balance of income sources, and further development of commercial revenue streams and philanthropic activities. In addition, the University's investment portfolio will be actively managed to improve returns that will be available for re-investment into core University activities.

The key effectiveness indicator for Strategic Investment Capacity is:

- Proportion of non Commonwealth Government income

The key efficiency indicator for Strategic Investment Capacity is:

- Non Commonwealth Government income relative to total assets

Effectiveness Indicators

Student satisfaction and quality of teaching

The effort of the teaching staff and content of the course encourage a dynamic learning environment. They are also the primary success factors of our teaching quality.

This indicator monitors our teaching quality and identifies the specific areas of improvement.

The University participates in the annual national Course Evaluation Questionnaire (CEQ) conducted by Graduate Careers Australia. In this evaluation, graduates who completed their course in the previous year are asked to express their agreement and disagreement to statements which are grouped into the following scales:

CEQ Scale: Percentage Broad Agreement Scores			
Year of Survey	Good Teaching	Generic Skills	Overall Satisfaction
2015 Target	90.0	92.0	95.0
2008	86.9	88.5	90.2
2009	88.3	89.5	91.6
2010	87.9	89.9	91.7
2011	89.8	92.5	93.7

Comments:

Graduate Careers Australia administers the CEQ survey. The results from the 2011 survey (covering 2010 graduates) are Murdoch's unpublished figures due for release in 2012 with other university results. In 2011, the number of graduates surveyed was 2,621 with 1,463 responding. The above measures indicate that Murdoch is improving on its high performance in the area of student satisfaction. The improvements follow from increased investment in student experience, aided by Higher Education Participation and Partnerships Program funding.

New student retention rate

Commencing students are more susceptible to withdrawal as there may be a realisation their studies do not meet their desires and the support provided is not aligned to what is required. Strategies have been introduced to provide a more supportive learning environment intent on improving the quality of the student experience. Commencing students would aspire to continue with their studies at the University.

This indicator measures the effectiveness of retaining commencing students at Murdoch University. The retention rate indicates the percentage of students who continue in their studies on completion of their first year of studies at Murdoch University.

New student retention rate	
2015 Target	90.0%
2007	79.6%
2008	81.2%
2009	77.4%
2010	78.1%

Comments:

The commencing student retention rate has been hovering around 80% which was the basis for formulating targets in this area for the Strategic Plan 2010–2015. Of the 2010 commencing students, 78.1% continued their studies at the University in 2011; the resurgent West Australian economy may explain the difficulty in improving the retention rate as a job now can be more attractive than two or three years' further study. A number of strategies have been introduced in 2011 to support the aim of retaining 90% of commencing students, and these will continue into 2012 and be further enhanced with a number of new initiatives.

Participation rate for low socio-economic status students

Low socio-economic status (SES) is determined by the position of a student's permanent address postcode in a ranking compiled by the Australian Bureau of Statistics using demographic and social data collected in the census, with the lowest quartile being classified as low SES. Students from the low SES community face more challenges in their University aspirations; financial commitment and non-conducive home learning environment being two examples. More strategies have been introduced to support the national commitment to increase the participation of low SES students in higher education.

This indicator measures the effectiveness of the facilities and services put in place to assist students from the low SES community. The participation rate of low SES student enrolments is measured by the percentage of low SES students to the total domestic student enrolments.

Participation rate for low socio-economic status students	
2015 Target	19.9%
2008	16.8%
2009	16.8%
2010	16.9%
2011	17.1%

Comments:

Low SES participation has been stable at about 17% for the last four years, and this result positions Murdoch well for the Government's policy direction for increased participation. In line with the national target increases, Murdoch aims to increase its low SES participation by 2.8 percentage points from current levels.

Student success rate

The ability for students to progress and complete their chosen course of study within the standard timeframes is an important indicator of the success of the University's teaching and learning environment.

This indicator measures the percentage of successfully attempted units against the total number of assessed units. The units are calculated in terms of load (Equivalent Full-Time Student Load or EFTSL) against the assessed load for students enrolled onshore in a non-research course.

Student success rate	
2015 Target	90.0%
2007	87.4%
2008	87.8%
2009	87.9%
2010	87.4%

Comments:

The percentage of students successfully completing their units against the units attempted stabilised around 88% for the past four years. It is the University's aim to achieve 90% success rate.

Increase research income

As a research focused University, it is important that Murdoch continues to grow research income, particularly in areas considered as Murdoch's research strengths. Research income is the most tangible indicator of research performance and this indicator measures the growth in research income across all category types. Murdoch University aims to achieve a target of 3% per annum growth in research income.

Increase research income		
Annual Target	Total research income (\$'000)	Percentage increase in total research income
Annual Target		3.0% p.a.
2008	40,835	15.7%
2009	45,145	10.6%
2010	37,500	-16.9%
2011	33,298	-11.2%

Comments:

Research income is crucial to the development of basic and applied research. The income supports our pursuit to build new knowledge. Research and consultancy is most susceptible to financial crisis as is reflected in the lower total research income in 2011. An improvement to Murdoch's research performance is an immediate priority and a number of key initiatives will be implemented in 2012 to improve attractiveness to competitive research funding.

*Total research income from Higher Education Research Data Collection (HERDC) submission

Proportion of non Commonwealth Government income to total income

The University must diversify its income sources, as Commonwealth funding alone is insufficient to sustain the activities the University is engaged in and the outcomes to be achieved. The dependency on Commonwealth funding should be decreasing over time.

This indicator measures the diversity of our sources of income.

Proportion of non Commonwealth Government income to total income	
2015 Target	50.0%
2008	44.7%
2009	48.3%
2010	47.0%
2011	48.6%

Comments:

The trend since 2008 has been a steady increase in the proportion of non Commonwealth Government income. The effective government funding per EFTSL continues to decrease relative to the sector's inflation rate, this issue is being actively managed by Murdoch.

Efficiency Indicators

Total costs relative to total student load

This indicator measures the total costs per student, as a key input to the overall cost of teaching and learning and research.

The average expenditure per unit of Equivalent Full-Time Student Load (EFTSL) is dependent on and will vary according to the discipline mix taught by a university. Clinical and laboratory based sciences are more expensive to teach than classroom based disciplines.

This indicator measures the total costs per student load.

Total costs per total EFTSL (\$'000)	
Annual Target	26.5
2008	25.2
2009	25.5
2010	26.1
2011	25.8

Comments:

Our aim is to achieve a reducing rate of growth in this indicator, thereby demonstrating increased efficiency; however 2011 is on trend with previous reported years.

Total research income per academic FTE

This indicator measures the level of intensity of research activity for the University.

Total research income per academic FTE (\$'000)	
2015 Target	66.0
2008	62.7
2009	64.4
2010	54.3
2011	49.6

Comments:

Research income reflects our research strength. Research income fluctuates year on year due to varying success rates in winning grants coupled with the multi-year nature of many large grants. The 2011 figure was affected by some research staff moving to other universities and the completion of the WA Centre of Excellence programs. The reduction was partly offset by increased income for research infrastructure.

*Total research income from Higher Education Research Data Collection (HERDC) submission.

Non Commonwealth Government income relative to total assets

Whilst diversification of income is an important objective for the University, the rate at which this income is earned, relative to the asset base of the University, reflects the ability to generate alternate sources of revenue by leveraging the University's assets, and managing these assets more strategically.

Proportion of non Commonwealth Government income relative to total assets	
2015 Target	18.8%
2008	16.0%
2009	17.7%
2010	17.7%
2011	17.6%

Comments:

The trend since 2008 has been a plateauing in the proportion of non Commonwealth Government income relative to total assets. While the financial model target has been set at 18.8%, this is a longer term target. The actual result for 2011 is below the target and similar to the previous year. Initiatives are in place to increase the proportion of non Commonwealth Government income.

Notes

- Historical dollar values used in KPIs.

Characteristics of the student population

Summary Statistics

Students

Level	2007	2008	2009	2010	2011
Higher Degree Research	902	903	874	897	864
Higher Degree Coursework	800	875	1,004	1,096	1,361
Other Postgraduate	1,076	1,196	1,325	1,358	1,411
Undergraduate	12,256	13,278	14,248	14,549	15,907
Non-Award	348	395	250	203	190
Total	15,382	16,647	17,701	18,103	19,733
Broad Field of Study					
Agriculture, Environmental and Related Studies	470	525	541	559	568
Architecture and Building	19	26	18	15	10
Creative Arts	1,057	1,204	1,309	1,310	1,437
Education	2,038	2,062	2,256	2,239	2,293
Engineering and Related Technologies	377	431	573	614	629
Health	1,675	1,800	1,873	1,757	1,738
Information Technology	716	791	801	808	923
Management and Commerce	2,785	3,377	3,625	3,797	4,772
Natural and Physical Sciences	1,729	1,771	1,751	1,839	1,895
Society and Culture	4,168	4,265	4,704	4,962	5,278
Non-Award	348	395	250	203	190
Total	15,382	16,647	17,701	18,103	19,733

Student Load (EFTSL)

Level	2007	2008	2009	2010	2011
Higher Degree Research	656	654	629	645	611
Higher Degree Coursework	452	555	619	665	779
Other Postgraduate	551	598	630	610	629
Undergraduate	8,904	9,860	10,560	10,660	11,509
Non-Award	157	165	104	90	83
Total	10,720	11,831	12,543	12,671	13,611
Broad Field of Study					
Agriculture, Environmental and Related Studies	290	329	343	348	347
Architecture and Building	14	15	9	8	6
Creative Arts	785	950	1,022	983	1,043
Education	1,361	1,364	1,451	1,429	1,415
Engineering and Related Technologies	275	317	370	409	427
Health	1,317	1,510	1,568	1,449	1,408
Information Technology	465	520	541	551	638
Management and Commerce	1,996	2,494	2,694	2,721	3,314
Natural and Physical Sciences	1,230	1,246	1,241	1,338	1,384
Society and Culture	2,831	2,921	3,199	3,346	3,547
Non-Award	157	165	104	90	83
Total	10,720	11,831	12,543	12,671	13,611

Completions

Level

	2006	2007	2008	2009	2010
Higher Degree Research	109	88	84	96	106
Higher Degree Coursework	107	172	214	217	305
Other Postgraduate	517	647	654	584	852
Undergraduate	2,150	2,083	2,459	2,170	3,447
Total	2,883	2,990	3,411	3,067	4,710

Broad Field of Study

Agriculture, Environmental and Related Studies	100	89	103	72	122
Architecture and Building		1	4	2	0
Creative Arts	236	208	368	366	512
Education	380	431	381	337	455
Engineering and Related Technologies	33	66	85	93	96
Health	232	290	366	395	448
Information Technology	117	119	117	90	207
Management and Commerce	616	641	838	899	1,330
Natural and Physical Sciences	346	346	377	256	395
Society and Culture	823	799	772	557	1,145
Total	2,883	2,990	3,411	3,067	4,710

Staff – Full Time Equivalence (FTE)

Staff Function

	2007	2008	2009	2010	2011
Teaching Only	147	172	185	180	164
Research Only	86	85	75	63	58
Teaching and Research	373	394	415	428	422
Other	21	22	26	20	26
Non-Academic	856	898	894	870	886
Total	1,483	1,570	1,595	1,561	1,556

Student Load (EFTSL) per Teaching Staff FTE

Load/FTE Ratio*	18.6	17.7	17.3	17.2	18.0
*Excludes transnational student load:	1,053	1,816	2,135	2,214	3,028

Note: 2011 student data prior to HEIMS submission; staff data at year end

Equity Student Statistics (Enrolment)

Broad Field of Study

Aboriginal and Torres Strait Islanders

	2007	2008	2009	2010	2011
Agriculture, Environmental and Related Studies	3	4	4	6	6
Creative Arts	9	12	8	9	15
Education	30	33	36	35	30
Engineering and Related Technologies				1	1
Health	14	18	14	9	10
Information Technology	3	3	1		2
Management and Commerce	8	10	10	13	9
Natural and Physical Sciences	14	17	13	12	16
Society and Culture	71	79	134	126	95
Non-Award	0	2	0	0	1
Total	152	178	220	211	185

Female

Agriculture, Environmental and Related Studies	274	295	303	319	340
Architecture and Building	8	10	9	8	6
Creative Arts	649	744	806	788	874
Education	1,656	1,698	1,883	1,843	1860
Engineering and Related Technologies	61	78	106	122	111
Health	1,137	1,213	1,227	1,172	1188
Information Technology	111	132	125	128	142
Management and Commerce	1,532	1,919	2,131	2,191	2721
Natural and Physical Sciences	937	979	1,002	1,102	1161
Society and Culture	2,695	2,769	2,995	3,232	3388
Non-Award	223	245	134	125	122
Total	9,283	10,082	10,721	11,030	11,913

Rural

Agriculture, Environmental and Related Studies	54	58	57	63	64
Architecture and Building	1	3	2	2	3
Creative Arts	45	52	47	48	64
Education	276	271	286	285	292
Engineering and Related Technologies	26	25	40	40	45
Health	239	259	236	241	252
Information Technology	38	30	26	26	33
Management and Commerce	107	91	82	79	82
Natural and Physical Sciences	116	124	123	138	165
Society and Culture	270	263	267	309	355
Non-Award	3	22	5	5	1
Total	1,175	1,198	1,171	1,236	1,356

Isolated

Agriculture, Environmental and Related Studies	35	37	35	31	39
Architecture and Building	1	2	1	1	0
Creative Arts	25	23	24	22	21
Education	171	156	170	181	175
Engineering and Related Technologies	11	13	7	13	14
Health	29	45	37	39	48
Information Technology	26	22	13	14	13
Management and Commerce	51	34	26	24	32
Natural and Physical Sciences	84	73	85	86	89
Society and Culture	123	117	112	111	123
Non-Award	0	6	1	1	1
Total	556	528	511	523	555

Broad Field of Study**Low Socio-Economic Status**

	2007	2008	2009	2010	2011
Agriculture, Environmental and Related Studies	121	141	141	144	143
Architecture & Building	3	6	2	1	0
Creative Arts	153	153	161	188	185
Education	690	697	747	722	722
Engineering and Related Technologies	92	101	114	111	120
Health	346	402	401	421	450
Information Technology	158	149	148	141	139
Management and Commerce	369	333	309	318	358
Natural and Physical Sciences	360	371	387	440	462
Society and Culture	999	981	1,120	1,158	1184
Non-Award	11	20	6	4	4
Total	3,302	3,354	3,536	3,648	3,767

Non-English Speaking background

Agriculture, Environmental and Related Studies	6	5	6	7	8
Architecture & Building		1	0		0
Creative Arts	14	11	10	9	16
Education	30	40	35	29	26
Engineering and Related Technologies	18	20	19	36	45
Health	37	42	43	50	46
Information Technology	25	23	19	14	17
Management and Commerce	53	70	58	80	87
Natural and Physical Sciences	58	59	39	55	64
Society and Culture	136	132	106	133	158
Non-Award	5	4	8	5	2
Total	382	407	343	418	469

People with a disability

Agriculture, Environmental and Related Studies	14	32	28	38	34
Architecture & Building	1	1	2	1	0
Creative Arts	38	40	42	50	62
Education	69	105	104	114	129
Engineering and Related Technologies	9	14	26	25	30
Health	35	49	73	75	72
Information Technology	22	36	34	34	32
Management and Commerce	45	74	64	66	74
Natural and Physical Sciences	63	104	121	136	153
Society and Culture	280	351	401	405	429
Non-Award	3	2	5	4	1
Total	579	808	900	948	1,016

Summary (percent of population)

Total Student Enrolments	15,514	16,770	17,807	18,203	19,733
Aboriginal & Torres Strait Islanders	1.0%	1.1%	1.2%	1.2%	0.9%
Female	59.8%	60.1%	60.2%	60.6%	60.4%
Rural	7.6%	7.1%	6.6%	6.8%	6.9%
Isolated	3.6%	3.1%	2.9%	2.9%	2.8%
Low Socio-Economic Status	21.3%	20.0%	19.9%	20.0%	19.1%
Non-English Speaking Background	2.5%	2.4%	1.9%	2.3%	2.4%
People with a Disability	3.7%	4.8%	5.1%	5.2%	5.1%

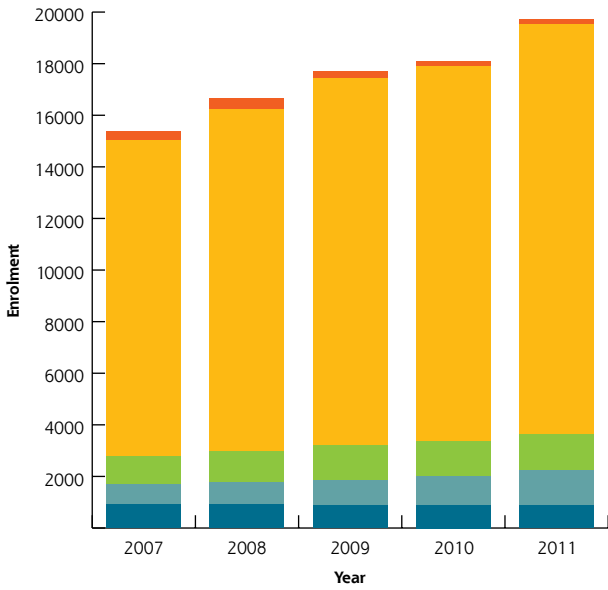
Reports of Operations

Commonwealth Grant Scheme and Load

	2007	2008	2009	2010	2011
Funding Agreement Load (EFTSL)					
Target	7,353	7,645	7,587	7,773	7,781
Actual	7,133	7,201	7,592	7,740	7,933
Variance (EFTSL)	-220	-444	5	-33	152
Variance (%)	-3.00%	-5.80%	0.07%	-0.42%	1.95%
Undergraduate Target Load (EFTSL)					
Target	7,153	7,430	7,227	7,429	7,510
Actual	6,877	6,914	7,244	7,440	7,507
Variance (EFTSL)	-276	-516	18	11	-3
Variance (%)	-3.85%	-6.95%	0.24%	0.15%	-0.04%
Funding Sources					
Commonwealth Grants (\$000's)	149,198	152,444	148,112	161,654	158,702
Commonwealth Grants (at 2011 prices) (\$000's)	158,509	161,362	153,528	163,949	158,702
Outside Research Grants & Donations (\$000)	37,096	34,495	31,750	31,591	34,436
Commonwealth Grants per EFTSL (at 2011 prices)	22,223	22,407	20,222	21,182	20,006
Total Commonwealth Grants as a Percentage of Total Income	50%	55%	52%	53%	52%
External Research Funding (at 2011 prices)*					
Number of Competitive Research Grants	165	135	113	107	91
Value of Competitive Research Grants (\$000's)	12,614	10,204	8,945	8,576	6,165
Value of Non-Competitive Grants (\$000's)	25,608	31,701	32,085	29,524	27,133
Total Research Grants (\$000's)	38,222	41,905	41,030	38,100	33,298
Index	1.0794	1.0585	1.0372	1.0160	1.0000
Higher Education Indexation Number	1.0615	1.0824	1.1046	1.1277	1.1458

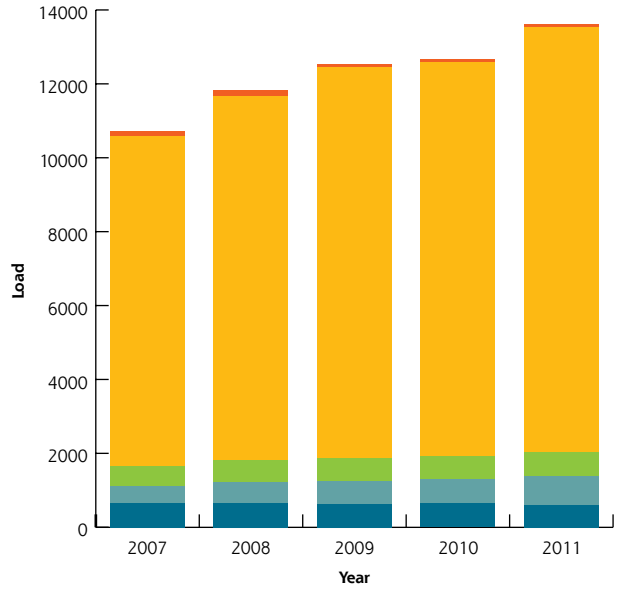
*Research income from Higher Education Research Data Collection (HERDC) submission.

Enrolment by Year and Level



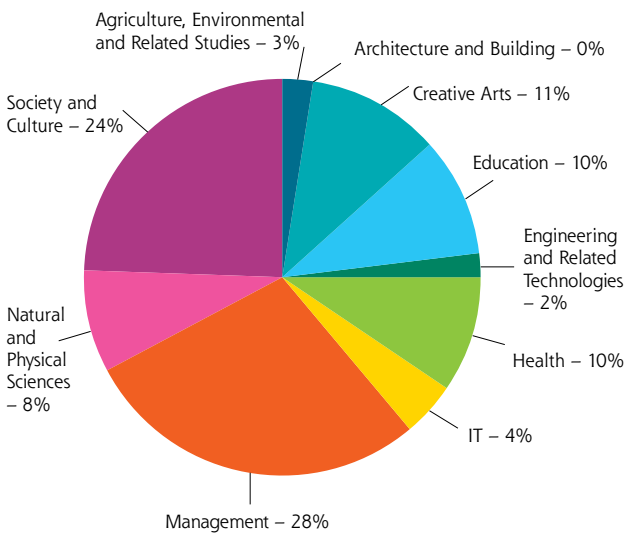
- Non-Award
- Undergraduate
- Other postgraduate
- Higher Degree Coursework
- Higher Degree Research

Load (EFTSL) by Year and Level

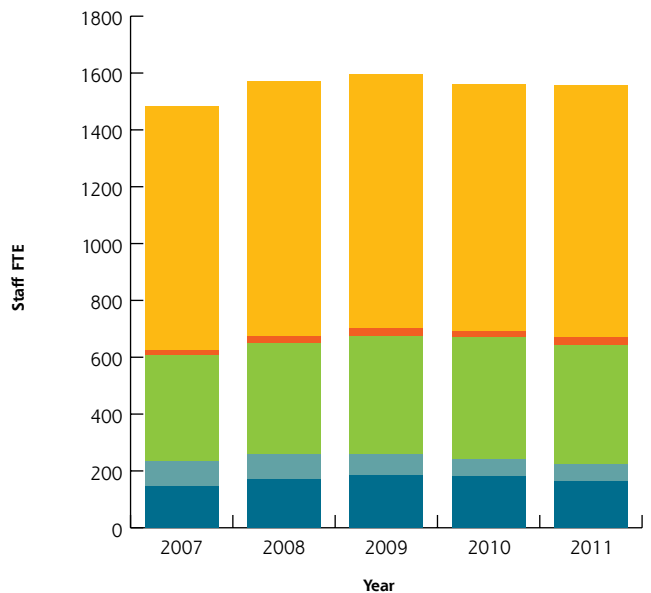


- Non-Award
- Undergraduate
- Other postgraduate
- Higher Degree Coursework
- Higher Degree Research

Completions by Broad Field of Education – 2010

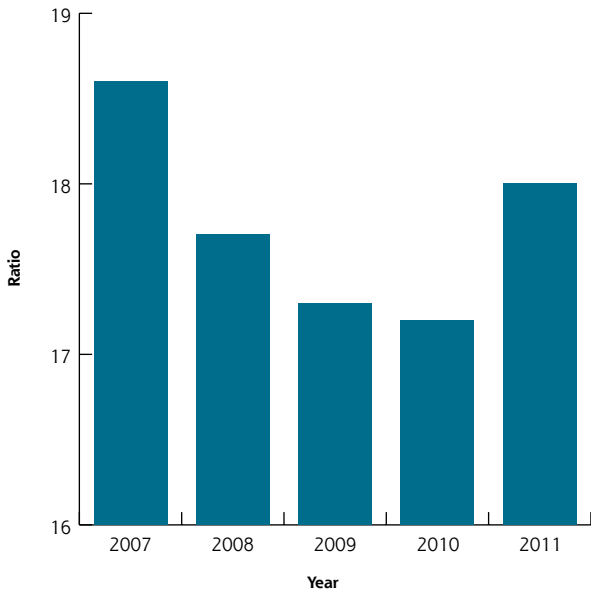


Staff FTE by Function and Year

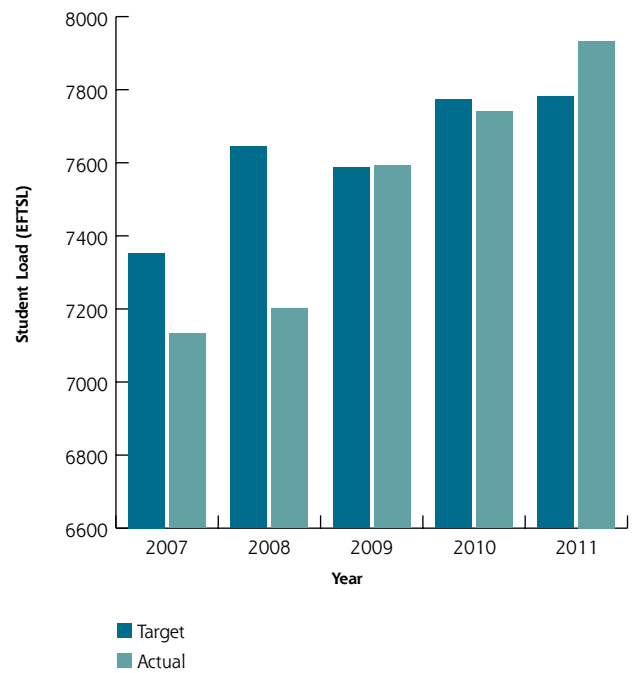


- Non-Academic
- Other
- Teaching and Research
- Research Only
- Teaching Only

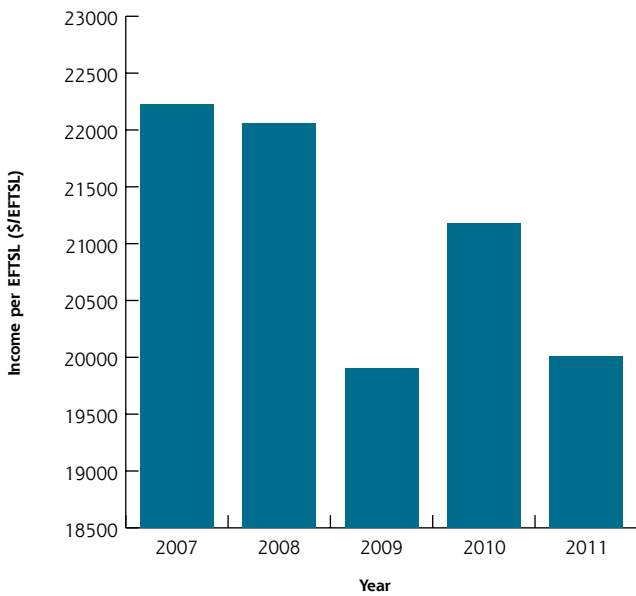
Student Load (EFTSL) per Teaching Staff FTE



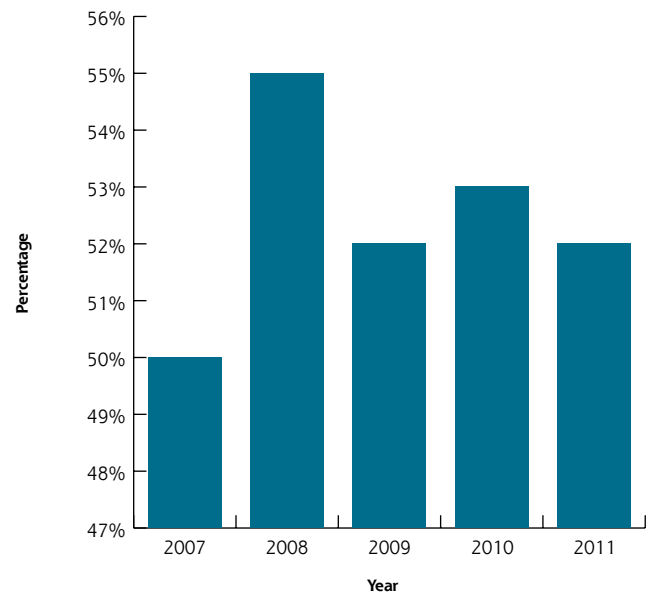
Target and Actual Funding Agreement Load



Commonwealth Grant Scheme¹ Income per unit of Funded Load



Commonwealth Grant Scheme as Percentage of Total Income



¹ Commonwealth Grant Scheme includes Commonwealth Contribution (Funding Agreement) plus Student Contribution (HECS)



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