

A Year of Discovery

Annual Report 2007



Murdoch
UNIVERSITY

DISCOVERERS WELCOME





Statement of Compliance

The Hon. Mark McGowan
Minister for Education and Training
12th Floor, Dumas House
2 Havelock Street
WEST PERTH WA 6005

27 February 2008

Dear Minister,

In accordance with Section 66 of the Financial Management Act 2006, we hereby submit for your information and presentation to Parliament the Annual Report of Murdoch University for the year ended 31 December 2007.

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

Yours sincerely


T C Budge
Chancellor


J V Yovich, AM
Vice Chancellor



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प्रयाग घाट PRAYAG GHAT



Contents

Vision.....	1
Chancellor's Report.....	2
Vice Chancellor's Report.....	4
Year in Review.....	7
Organisational Structure and Governance.....	20
Statement of Expenditure.....	23
Risk Management.....	24
Murdoch University Foundation.....	26

This document should be read in conjunction with the Annual Report Supplement.

The paper used in this report is environmentally sound and boasts a manufacturing process that delivers minimal impact on the environment.

Vision

Mission

To extend knowledge, stimulate learning, and promote understanding, for the benefit of the community.

Vision

Murdoch will be a prominent and influential research-intensive University in the local, national and global communities. It will be renowned for its teaching quality, research excellence and innovation, and promotion of social and scientific critique. Murdoch University will embrace cultural diversity and ensure an international perspective in its activities, incorporating principles of sustainability, social justice and global responsibility.

Murdoch University is a multi-campus institution. By engaging with communities in the sphere of influence of our campuses, Murdoch will be a significant contributor to cultural and community life and development in the region.

Through excellence and accessibility in the learning environment, student care and service provision, Murdoch, in partnership with the Guild of Students, will engender a vibrant and positive on-campus life. The University will also foster an expanding, active community of alumni.

Murdoch University will have increased financial reserves and more diverse sources of income as a result of an entrepreneurial outlook combined with prudent management that will ensure long-term independence.



Rapid growth for nursing

As Head of one of the fastest growing nursing programs in Australia, Dr Rhonda Marriott welcomed the opening of a new facility that quadruples student capacity at the Peel campus. All of Murdoch's first generation of nursing graduates were snapped up into employment after finishing their studies in 2007.



Chancellor's Report

Education is an important driver of the future economic prosperity of Australia and it was pleasing that this became a key issue during the election in 2007. As an institution with a reputation for teaching excellence, world-class research and a strong record of equity and social justice, Murdoch University is well placed to take a lead role in the new government's education revolution.

The past year has seen Murdoch again grow its position as a leading Australian university. I am delighted to report that we achieved outstanding results in research; enrolled record numbers of students; progressed the development of our campus infrastructure and were again recognised for our outstanding

student-centred approach to teaching and learning.

It is often said that change remains the only constant in today's society. This is no more evident than in higher education in Australia. The challenge of the current skills shortage, the changing needs of students, innovation in teaching and learning, and calls from business and industry to build the nation's research and innovation base all require that universities be progressive, nimble and open to change while ensuring that institutional quality is maintained.

The executive and academic team at Murdoch, strongly led by the Vice Chancellor, has taken on this challenge. The University recognises that it needs to forge its own path - to work within the prevailing government policy and the evolving demands of students while seeking to reduce reliance on Commonwealth funding.

Our domestic student numbers have grown consistently over the past few years and 2007 again saw record load and numbers of Commonwealth funded students. This is a remarkable achievement in an era of declining application rates driven by record low unemployment in WA. Taking into account the current economic climate, it is important for the University to carefully assess its annual student intake to ensure we maintain the optimal teaching and learning environment.

During the year the University sought to independently determine its best positioning in teaching and research. An outcome of this process has been the creation of six new faculties that signpost our future directions.

The University also continues to achieve sound financial outcomes. The consolidated financial result for the year was a surplus of \$55.8 million, inclusive of University operations and

all subsidiary entities. This includes two significant 'abnormal' items. The first was our success in obtaining a capital grant of \$19.5 million from the Department of Health and Ageing for the establishment of the Institute for Immunology and Infectious Diseases. The Vice Chancellor successfully presented a proposal for the awarding of this one off grant and receipt of the funds has produced a significant positive effect in the accounts. The second resulted from a change in the accounting treatment for the University's investment in the St Ives Retirement Village.

Excluding these two items the consolidated financial result for the University was a surplus of \$14.2 million which remains a solid outcome in a tight financial climate.

The passion of our staff, students and alumni for research and learning is personified in our new Discoverers welcome brand. The implementation of the brand across the University's activities

over the past year has been effective in improving external awareness of what Murdoch has to offer and, at the same time, strengthening the commitment of our staff and students to the University.

In the face of this change Murdoch University continues to retain its inherent character while it generates our next cycle of innovation to strengthen its ability to compete nationally and internationally.

On behalf of my fellow Senate members I thank all involved at Murdoch University for another successful year and commend this report to you all.

Mr Terry Budge
Chancellor



Vice Chancellor's Report

Murdoch University, its staff, alumni and external partners have experienced much of which they can be proud over the last year.

We have seen record numbers of students enrolled at Murdoch, both at our local campuses and offshore. Murdoch remains strongly influential in the expansion of opportunities for higher education in the southern metropolitan corridor. A variety of entry pathways available to students has enabled Murdoch to attract a broad range of students who might not otherwise have considered a university education.

We continue to develop our engagement with our students, both academically and socially, through initiatives such as the new Learning Common in the Library, an expanded commitment to sport on campus and the opening of the new Tavern.

These initiatives supplement the academic learning support and development provided by staff across the University through our holistic, student-centred approach to education.

Efforts have been made across the University to expand graduate opportunities through initiatives such as the development of courses of study that have better graduate outcomes; increased workplace learning opportunities; a greater emphasis on employer advisor groups; and tailored strategies for students in areas where there is relatively lower employment rates. This has led to graduate employment increasing at a rate above that of other institutions in WA.

These factors have seen Murdoch retain its five-star ranking for Graduate Satisfaction in the Good Universities Guide and continue its success in the Commonwealth's Learning and Teaching Performance Fund (LTPF). Murdoch remains one of an elite group of

institutions to have received funding in all three years of the LTPF. We have been able to improve measures of student satisfaction, outcomes and success from already high levels because of our commitment to engaging students in their learning experience.

Over the last few years Murdoch has moved to secure its future as an institution of acknowledged high teaching quality and world class research. A key component in helping us achieve this goal is the reinvigoration of our infrastructure and facilities and our strategic integration into the Murdoch Activity Centre (MAC). An initiative of the State Government, the MAC is a major new urban precinct being developed around the co-location of the new Murdoch Railway Station, the Fiona Stanley Hospital, Department of Agriculture and Food and high-density housing. To facilitate our engagement with the MAC, construction of a new road, 'Discovery Drive', from Murdoch Drive

through the middle of the campus to South Street has commenced.

The allocation of \$19.5 million in the Federal Budget for the establishment of the Institute for Immunology and Infectious Diseases will assist in the construction of a dedicated medical research facility that will be the centrepiece of a world-class medical and biotechnology precinct on the Murdoch campus. This facility will house research and clinical teams delivering leading edge medical research.

The Department of Agriculture and Food WA continues to work with Murdoch University to manage the relocation of their headquarters and biosecurity facility to the South Street campus.

Stage 2 of the Peel Campus was completed, providing state-of-the-art facilities for nursing teaching. The learning common facilities will considerably enhance the campus teaching and learning capacity. The 250-seat lecture

theatre in the new building not only provides a major teaching venue but also has the potential to facilitate international conferences in the region.

The Murdoch University Foundation and Banksia Association continue to develop the relationships built by our staff and alumni to grow the University's endowment. The Foundation aims to provide new funding for strategic programs and projects and to develop our Endowment Fund by seeking donations from the public and corporate sector. An Investment Committee has been established to oversee and enhance the Endowment Fund through profits generated from appropriate investment activities.

During 2007, the University commenced the Murdoch 2010 project to be funded with \$4.5 million received from the Commonwealth's Workplace Productivity Programme. This project will identify Murdoch's strengths in teaching

and research and define the future shape of academic and research offerings. The first stage incorporated a structural realignment of Schools into six new Faculties representing the broad future directions of the University.

As Commonwealth funding for the university sector is not growing at the same pace as the demand for those funds and the indexation of the Commonwealth Grants Scheme continues to be significantly less than the escalation of fixed costs in the sector, these activities are critical in helping secure Murdoch's financial independence.

In a world of change, Murdoch University has achieved much in 2007. We are well positioned to shape our future as an innovative, research intensive and high teaching quality university on the world stage.

Professor John Yovich AM
Vice Chancellor



Year in Review

Continued growth

Record student enrolments

Student enrolments at Murdoch took a major leap forward in 2007. Domestic undergraduate enrolments rose by 211 to 10,074 and postgraduate enrolments grew to 1,221 – both results eclipsing all previous years' totals.

International onshore enrolments also reached a record high with 1,957 students from 93 countries studying on campus. This was an increase of almost four per cent on 2006 figures.

A highly successful mid-year recruitment campaign resulted in an increase over 2006 of 20 per cent in domestic undergraduate offers.

The significant increases in undergraduate and postgraduate on-campus enrolments were assisted by redesigned print and online recruitment materials and campus events such as a vibrant Open Day which attracted more than 10,000 visitors.

Rapid growth for School of Nursing

On a sharp upward trajectory are enrolments in the fledgling School of Nursing. From its first 38 commencing students in 2004, the three-year Bachelor of Nursing enrolled 285 students in 2007 – 19 in postgraduate coursework and nine in postgraduate research programs. All 23 of its first graduates were successfully employed as Registered Nurses – eight by the Peel Health Campus, a major supporter of the course and the sponsor of the Peel Health Campus Chair in Nursing.

Around the globe

Numbers of international offshore students grew to 1,478 – a dramatic increase of 84 per cent on the previous year.

New strategies successfully employed to expand the University's international reach included:

- Appointing 'in-country' staff members in China and Singapore to recruit students and promote the University.
- Delivering exceptional service to prospective international students through a partnership with Hobson's Enquiry Management Service. Under the new facility, all enquiries received a response within 24 hours and personalised follow-up was undertaken.
- International study centres in Singapore, Malaysia and Japan have become dynamic learning hubs and planning is underway to launch a new international study centre in the Middle East.
- Exploration into new markets such as Reunion Island, Republic of France.

Staying in touch

The University is keen to maintain contact with, and between, alumni. A number of local, national and international alumni events were well-attended during the year, particularly career and employment focused workshops. More than 100 different employers – up 50 per cent from 2006 – participated in the fourth Careers Fair hosted by Murdoch's Alumni, Careers and Employment Centre.

The InTouch alumni magazine had a facelift to provide a more lifestyle-type publication, which received excellent feedback from the alumni community.

Year in Review

Unparalleled student experience

Five stars from graduates

Continuing its unparalleled success in its graduate satisfaction rating, Murdoch University has again achieved the top rating in this category from the Good Universities Guide 2007. Murdoch is the only Australian university to achieve this honour for 12 out of the past 13 years.

A five-star rating was also achieved for teaching quality and graduate outcomes improved to a three-star rating.

New Nursing building opened

The growth in nursing enrolments necessitated additional space and a new state-of-the-art building was opened at the Peel Campus in September by then Federal Education, Science and Training Minister, the Hon Julie Bishop MP. The facility quadruples student capacity and features a 250-seat lecture theatre, a learning common, science laboratories and clinical demonstration wards.

Student Experience

The student experience at Murdoch was enhanced in several ways during the year:

Learning Common

The Learning Common built with the help of \$2 million from the Federal Governments Learning and Teaching Performance Fund, was opened in July by then Federal Education, Science and Training Minister, the Hon Julie Bishop MP. The 'one-stop-shop' within the South Street Library gives students access to a 24/7 learning facility.

Providing personal computers, wireless laptop connection, a café, computer laboratories and tutorial rooms, the Learning Common's collaborative workspaces are designed to stimulate student interaction.

The facility has a particular focus on easing the transition to university for first-year students and provides offices for a dedicated first-year experience coordinator, student learning staff, an information literacy specialist and an IT helpdesk.

New Tavern

Enhancing the social space of Bush Court on the South Street campus, is the new university tavern which opened in Semester 2. Adjacent to the recreation centre and the food court, the tavern is now part of the University's community and cultural centre. It boasts modern facilities and excellent design and features a beer garden, a veranda and function room.

Student housing

Student housing received a major boost in 2007. Development commenced on a 300-bed facility scheduled to open in 2009 and Campus Living Villages (CLV), an organisation which manages residential facilities nationally and internationally, commenced management of the University's residential services. The new facility will have a swimming pool and communal areas designed to stimulate a vibrant community environment.

Year in Review

Leading the way in teaching and learning

Excellence in Teaching and Learning

For the third year, Murdoch University's high quality education was recognised by an allocation in excess of \$1 million for 2008 under the Department of Education, Science and Training's Learning and Teaching Performance Fund.

Both the University and its staff were also recognised for quality in education by the Carrick Institute for Learning and Teaching in Higher Education. Three separate grant applications in Competitive Grants and Priority Projects for the research and development of teaching and learning, totalling more than \$520,000, were awarded by the Institute and seven national citations for Outstanding Contributions to Student Learning, amounting to \$70,000 were awarded to staff.

Innovative new programs

Murdoch engineering students can now opt to accelerate their degree completion from four to three years through Murdoch's re-designed Bachelor of Engineering. The newly created winter and summer terms enable year-round study, with students completing the same number of units in three years instead of four. The compressed curriculum – the first of its kind in Australia – has been endorsed by the national industry peak body Engineering Australia and comes at a time of strong industry demand.

In another national first, Murdoch this year launched its MasterClass Program. The program enables top-performing undergraduates from a range of disciplines to study for a Postgraduate Certificate in Business Administration in parallel with their first degree during winter and summer breaks. This can also be credited towards a future MBA.

Approximately 70 students enrolled for the first program in June 2007. MasterClass will become a highly strategic program enhancing Murdoch's reputation and brand awareness. Also believed to be a first for an Australian university, the School of Environmental Science has introduced a postgraduate global warming specialisation, prompted by a need for expert understanding of climate change. The program is geared for practitioners and policy makers to enable them to develop sustainable strategies and appropriate policies under a changing climate.



National teaching award

Dr Marian Kemp's work in the field of critical numeracy received national recognition with a Carrick Citation for Outstanding Contribution to Student Learning in 2007. Her work enables numeracy skills to be integrated into units across the disciplines, and her programs are used widely around Murdoch University and at other universities.



A head for business

Professor Michael Schaper is carving out a specific niche for Murdoch Business School in the WA market. Under his guidance Murdoch Business School is working to ensure that the needs of all businesses – small ones, large corporates and not-for-profit organisations – are met.

A new Law School initiative – the Dean of Law Entry Scholarship Scheme – allows high-achieving students into the School prior to completing their Tertiary Entrance Examination. Metropolitan high schools can nominate up to two students for early entry consideration. The first cohort of nominated students underwent a stringent selection process in 2006 with 32 judged suitable. The top recipient achieved a TER of 98.6 and the average TER across the 29 nominees entering the School of Law was 90.35.

The School of Chiropractic's rigorous five-year course was fully accredited by the Council on Chiropractic Education Australasia Inc (CCEA) in September 2006, allowing each graduate to register in any state, territory or country that recognises CCEA Accreditation. This meets the industry standard for all chiropractic programs worldwide.

Improving entry pathways

With access to tertiary education a strong focus for Murdoch, a university-wide 12-week program, OnTrack, was developed for equity students this year, replacing several pre-existing enabling courses which were achieving less than optimal student academic outcomes. OnTrack commenced at the South Street campus in October with an initial cohort of 58 students and will begin at the Rockingham and Peel campuses in 2008.

The establishment of the School of Nursing in Mandurah has triggered a number of alternative pathways into university study. The Peel Nursing Combo course – a joint program with Murdoch and Challenger TAFE – commenced in 2005 and student numbers have trebled since its inception. Almost two-thirds of students from the first two intakes have continued with the Bachelor of Nursing course.

The Peel Nursing Combo is now a leading example in the Australian Universities Quality Agency (AUQA) Good Practice Database.

A second enabling program commenced in 2007 providing a pathway into the Bachelor of Nursing for Indigenous students. Koort Mooditj is a short, intensive course developed to provide a realistic experience of university study for Indigenous students.

Murdoch University has been awarded \$200,000 by the Department of Education, Science and Training (DEST) from its Cross Sectoral Lighthouse Project scheme to increase the number of pathways for Indigenous students into the School of Nursing at the Peel campus. A range of best practice pathways will be developed and then serve as benchmarks for other Australian tertiary programs.

Virtual learning spaces

Maximising student benefits from contemporary technology, the University continued to provide lectures streamed online via Lectopia. All lecture recordings are now available in MP3 format, enabling students to schedule and save podcast lectures. The facility has strong student support. Murdoch and several Innovative Research Universities Australia universities have gained a Carrick Institute grant to investigate the use of Lectopia in teaching and learning.

The Library acquired space this year in Second Life – a 3D online world imagined, created and owned by its residents – leasing a plot in the virtual world to experiment with creation and delivery of virtual library services. The Library's plot is in the Information Archipelago and the University has purchased an island jointly managed by the Teaching and Learning Centre, Office of IT Services, School of IT and the Library.





Year in Review

Research excellence

This year Murdoch achieved success in being awarded a number of large scale research grants. Most notable of these was the ongoing success of the Institute for Immunology and Infectious Diseases which was successful in attracting a National Health & Medical Research Council grant in excess of \$1 million.

Another notable outstanding performance was Professor Duane Varan whose collaboration with the Australian Cooperative Research Centre for Interaction Design resulted in research income in excess of \$1 million dollars for 2007. Murdoch University continued to demonstrate the excellence of its hydrometallurgical research with the ongoing successful granting of funds for substantial research projects, through both the Australian Mineral Industries Research Association and the Mineral & Energy Research Institute of WA.

International recognition of research strength

Murdoch was again recognised internationally for the quality of its research performance by the highly-respected annual Shanghai Jiao Tong University's Academic Ranking of World Universities. Murdoch entered the Shanghai Jiao Index of the Top 500 world universities in 2004 and has maintained continuous membership since. It is one of only 17 Australian Institutions ranking in the index.

In international recognition of a different kind, Murdoch University is to be the local headquarters for the newly established Royal Institution of Australia (RiAus). RiAus is the first international satellite of the world-renowned Royal Institution of Great Britain. Vice Chancellor Professor John Yovich has been appointed an inaugural member of the six-member RiAus Council. RiAus is a dynamic centre bringing science and technology to the community.

World-class research infrastructure

Construction has begun on a world-class \$34 million medical research facility on the South Street campus. Following a \$19.5 million federal budget allocation, the Institute for Immunology and Infectious Diseases (IIID) will host research centres focused on health and life sciences, including the Centre for Clinical Immunology and Biomedical Statistics. The IIID is part of the University's commitment to research and development in a range of health and medical sciences. The facility is scheduled for completion in late 2008.

Australia's only – and one of only 30 in the world – prOTOF 2000 mass spectrometer was installed at Murdoch's WA State Agricultural Biotechnology Centre (SABC) in September. prOTOF 2000 can identify and map biomarkers in biology, from humans to plants, analyse diseases and identify pests. Its applications will provide major benefits in agricultural and biomedical research.

Agricultural Research WA

Murdoch's strong record in agricultural and veterinary research was a major factor in the State Government's decision to establish Agricultural Research WA (ARWA) within Murdoch University Veterinary School and the Western Australian State Agricultural Biotechnology Centre at Murdoch University. The State Government has allocated \$183 million to relocate the Department of Agriculture and Food WA's metropolitan research, policy and administration services and new biosecurity facilities to the South Street campus.

ARWA will be an integrated agricultural research institute aimed at ensuring WA agricultural research and development provides leading-edge technology for the industry and the environment. It will provide an unprecedented opportunity for research, innovation and collaboration in the agricultural and biotechnology sector and tackle major issues such as climate change.

World first HIV-AIDS research

A world first breakthrough in HIV research by the Centre for Clinical Immunology and Biomedical Statistics, formed by the close collaboration between the teams of HIV expert Professor Simon Mallal and statistician Professor Ian James, has opened up a new era in personalised treatment based on individual genetics. The researchers have identified the responsible gene and subsequently developed a genetic test that can predict if a person will develop a life-threatening reaction to the widely used anti-HIV drug Abacavir – as currently occurs in around eight per cent of cases. This is the first mainstream application of personalised medicine where a person is individually tested to see if they will have a reaction prior to taking medication. Known as Predict-1, the test will now be rolled out globally.



World-class medical research

Construction has begun on a world-class medical research facility that will house the Institute for Immunology and Infectious Diseases. The Institute will focus on health and life sciences research, such as the work of Professors Ian James and Simon Mallal (pictured) who have opened up a new era in personalised medicine through their HIV research.



Reducing Australia's carbon footprint

Professor Philip Jennings is part of Murdoch's group of energy experts who advise government and industry bodies on ways to reduce their carbon footprints. Projects underway include a partnership with the Bunnings Warehouse Group to cut its stores' greenhouse emissions and a focus on the development of alternative fuel technologies.

Climate change and alternative energy research

- Murdoch University will play a key role in building a sustainable future for Australia through the newly established National Climate Change Adaptation Research Facility. The \$50 million hub is a consortium of Innovative Research Universities Australia (IRUA). Operating under a major federal government plan, the centre will cover climatology, ecology and conservation biology, statistics, engineering, psychology, urban planning, hydrology, law and policy, community development, architecture and social research.
- A new research hub based in Murdoch's Research Institute for Sustainable Energy – the Centre for Research into Energy for Sustainable Transport (CREST) – will help fast-track discoveries into alternative fuels and vehicle engine technologies. CREST has been allocated \$2.3 million over the next five years by the State Government to provide WA-specific research. With an operating budget of more than \$15 million, the Centre is expected to generate new discoveries and processes in fuels, vehicle designs, better testing capacity and training. CREST's partners include the Planning and Transport Research Centre, the Department of Planning and Infrastructure, CSIRO and key energy industry members.
- Murdoch's sustainability and energy experts are working with the Bunnings Warehouse Group through the University's consulting company MurdochLINK to reduce its stores' greenhouse gas emissions. This two-year \$500,000 project is led by Professor Philip Jennings and David Harries and forms part of the company's \$8 million commitment to become waterwise and carbon neutral by 2015.

The business of research

Murdoch's Commercialisation Office has developed four spin-out companies over the past two years and is developing new initiatives to encourage further industry collaboration.

In the most recent success, Stone Ridge Ventures, in association with Murdoch University, has recently committed to invest in Spirogene Pty Ltd (Spirogene). Spirogene aims to develop a recombinant vaccine and a rapid, precise, test method for improved prevention and disease surveillance for Avian Intestinal Spirochaetosis (AIS). Spirogene seeks to use its technical strengths in bioinformatics and molecular biology to produce a cost-effective recombinant vaccine and diagnostic kit to address an unmet industry need.

Innovative research collaborations

- Murdoch parasitologists Professor Andrew Thompson and Tanya Armstrong are working with WA-based biotechnology company Epichem Pty Ltd to develop drug treatments for major parasitic diseases such as sleeping sickness. In international recognition of the research, the Drugs for Neglected Diseases Initiative in Geneva provided funding to prepare the treatments for human trials, possibly within a year.
- The biggest genomic sequencing project in the Southern Hemisphere has been completed at Murdoch, identifying the genetic make-up of the fungal pathogen *Stagonospora nodorum*. The pathogen causes around \$60 million damage annually to Australian crops. Murdoch's Professor Richard Oliver led the research team at the Australian Centre for Necrotrophic Fungal Pathogens. The project was funded by the Grains Research and Development Corporation.
- A Murdoch research team may have unlocked the key to treating the early onset of osteoarthritis. Led by Professor Rick Read from the School of Veterinary and Biomedical Sciences and working with Australia's adult stem cell company Mesoblast Limited, the University's pre-clinical trials of Mesoblast's patented adult stem cells have shown the therapy significantly protects cartilage against damage in knee osteoarthritis and increases thickness and mechanical strength of knee joint cartilage.

Year in Review

Building on success

A roadmap for the future – a new Strategic Plan

To ensure Murdoch develops its full potential in all aspects of its operations, much thought and planning has gone into preparing the Murdoch University Strategic Plan 2007 – 2010.

The new Strategic Plan was finalised during 2007 and sets four main goals:

- Education – to deliver high quality, contemporary education in a supportive learning environment that produces excellent teaching and learning outcomes.
- Research – to be an internationally acclaimed research university performing high quality research with a focus on impact for the benefit of the community and society.

- Student Profile – to be a university of first choice with a student profile that provides Murdoch University with a balance of enrolments across undergraduate and postgraduate programs.
- Resource Management – exemplary organisational efficiency and effectiveness and long term financial sustainability, underpinned by a culture of accountable decision making informed by financial acumen.

Each goal is underpinned by specific strategies through which the goals will be achieved.

The roll-out of the brand strategy, together with the alignment of academic structures with areas of teaching and research focus will reinforce the distinctive position Murdoch University holds in the Australian higher education sector.

Murdoch 2010

The University was successful in obtaining \$4.5 million from Round Two of the Federal Government's Workplace Productivity Program (WPP) for its Governance and Operational Efficiency Reform Program. The WPP assists Australian universities to progress workplace reform. Within Murdoch, this program is known as Murdoch 2010.

Murdoch 2010 is a major initiative underpinning the Strategic Plan, and the WPP funding enables the University to undertake the full scope of its operations.

Planning for the future

A significant 2007 initiative was the establishment of the Murdoch University Endowment to provide a vehicle for growth of, and income generation from, investment funds which will be reinvested in strategic activities. Critical to establishing the Endowment was \$40 million generated by the sale of a University land asset in Forrestdale. These funds have been invested in a diversified assets portfolio.

Other notable projects underway include:

- Completion of laying fibre optic cable along the length of the Perth-Mandurah railway with connection between all campuses expected in the first quarter 2008.
- Commencement of stage one of a \$1.85 million two-year, two-stage project to upgrade the data network. Stage one to upgrade the core/distribution layers, WAN (Wide Area Network) and wireless has progressed significantly with stage two due to start early in 2008 to deliver the access layer and speed of up to 1 GB to the workstation.
- Continuing investment in developing the St Ives Retirement Village on the South Street Campus. Stage Seven and an apartment complex were completed during 2007. Development of a high care nursing facility, to be owned and operated by the St Ives Group, has been approved.

The village will comprise independent living units and low and high care facilities. Income generated will go to the Murdoch University Endowment.

- Commencement of construction of a new road from Murdoch Drive through the middle of the campus to South Street. This new road, to be called Discovery Drive, will open up the southern side of the campus and link the new Murdoch Railway Station, the proposed Fiona Stanley Hospital and the University.
- Murdoch has been awarded funding of \$3 million and \$3.5 million respectively from the Federal Government's Capital Development Pool towards veterinary surgery and teaching facilities and science and engineering facilities.

Community engagement

Murdoch undertakes a variety of activities which aim to provide community benefit. In 2007 these included:

- Murdoch's Oscar-nominated film director Dr Martin Mhando released a new film about Aboriginal reconciliation starring renowned British actor, Pete Postlethwaite.
- Murdoch filmmaker Glen Stasiuk's documentary *Footprints in the Sand*, a story of a 1930s Aboriginal couple, screened at the University's NAIDOC Week celebrations.
- A program was organised for community volunteers to plant 600 trees.
- Conferences were hosted on topics such as sustainability, solution chemistry, racism and coping with retirement.
- A special penguin hotline was launched to protect WA's biggest colony of Little Penguins.
- Chiropractic students helped drug and alcohol recoverers and provided free treatment to Indigenous and mining communities in Carnarvon, Geraldton and Kununurra.
- Community programs were conducted for single mothers of teenagers and a support program was designed for divorced fathers.
- Children's theatre productions were written, directed, produced and staged by Murdoch staff and students.



Celebrating literature

Creative writing lecturer Dr Simone Lazaroo collected the Premier's Literary Award for fiction in 2007 with her latest novel *The Travel Writer*. It is the third such prize for Dr Lazaroo – her previous novels have also been recognised by WA's most prestigious book prize.

'Discoverers welcome' a winner

The University's new 'Discoverers welcome' brand identity – the result of more than 12 months research and consultation – has successfully raised Murdoch's profile and played a critical role in giving prospective students and the public a fuller understanding of the University.

The television campaign, launched in March, was specifically designed to reflect Murdoch's passion for discovery and the 'Discoverers welcome' theme is now a central focus in all marketing activities. The new-look 2008 Domestic Undergraduate Prospectus won a major publishing award – a bronze medal in the prestigious PICA Awards (Printing Industries Craftsmanship Awards).

The Graduation ceremonies throughout the year were strongly branded with the new 'Discoverers welcome' brand imagery and theme and showcased the achievements of the University's outstanding researchers and academics.

Taking the new branding online, the first stage of the revamped Murdoch website was rolled out in June and is tailored to attracting prospective students. It features some of Murdoch's outstanding discoverers.

The website has also proved a winner, claiming four awards in 2007:

- 'Outstanding achievement' award in the 'University' category from the Interactive Media Awards (IMA) for the Mid year campaign site
- 'Outstanding achievement' award in the 'University' category from the Interactive Media Awards (IMA) for the Discoverers welcome campaign site
- Award in the US-based Web Award competition for the 'Design a postcard' site
- Awards in the WA Web Awards for the 'Discoverers welcome' site.

Supporting teaching and research

The University has received \$300,000 from the Federal Workplace Productivity Program to establish a best practice Workload Management System (WMS). The WMS will be a university-wide, web-based solution for academics to allocate teaching, research and administrative work. The Office of Policy and Planning, the Office of Human Resources and the Teaching and Learning Centre are collaborating to link the WMS to performance assessment and development. Completion is scheduled for April 2008.

Year in Review

Supporting our staff and students

Industrial Relations

During 2007 the University continued its activities to ensure compliance with both the Federal Government's Higher Education Workplace Relations Reforms and WorkChoices Legislation. Meetings of both the General and Academic consultative committees ensured continuous communication relating to activities and changes within the workplace which were within the scope of the Collective Agreements.

The academic structure review, which saw the change from a divisional to a faculty structure, was initiated with the majority of changes completed prior to the end of 2007, with some minor changes left for completion in 2008.

The Office of the Vice Chancellor and, in particular, the Deputy Vice Chancellor Corporate and Deputy Vice Chancellor Academic, undertook extensive liaison with staff to ensure the process was well understood by all staff and to provide a forum for staff questions and discussion.

Workplace Injuries

The University recorded 39 workers compensation claims during 2007 – an equal number to 2006 however the cost of these injuries was significantly less with the total cost of claims to date being reduced by \$270,000. The duration of lost time has also been significantly reduced.

The University is working towards reducing the rate and severity of injuries through extensive injury prevention activities being undertaken in areas identified as key areas of risk. During 2007 the Occupational and Environmental Safety, Health and Risk (OESH & R) Management Team was extended to include a case management assistant to allow the Injury Prevention & Management Officer to work more closely on injury prevention.

Performance Development

Whilst 2006 saw a focus on performance development for General Staff; 2007 was focused on developing a Performance Enhancement System (PES) for Academic staff. Phase I of this project was undertaken during the latter part of the year with the intention being to determine the level of integrity of data being held on the various University systems and also to collect some additional information relating to individual areas of work and research. Phase II of this project will be undertaken during 2008.

Equal Employment Opportunity

Murdoch continued to meet the objectives identified under the Government's Equity and Diversity Plan for the Public Sector Workforce through the implementation of the final stage of the activities and policies outlined in its Strategic Plan.

These matters included recruitment & selection, promotion, transfer & termination, training & development, work organisation, conditions of service, sex-based harassment and pregnancy, potential pregnancy and breastfeeding.

Disability Access and Inclusion

Equity Officer Helen Makeham was honoured for her work in disabilities access in 2007, winning the inaugural Vice Chancellor's award for excellence in support services. Throughout the year, Murdoch continued to improve standards of disabilities access and inclusion through the implementation of innovative programs. The Equity Quality Assisted Learning project was launched, where a coordinated plan for University-wide support is individually developed for students with a disability.

Organisational Structure and Governance

Senate
 Chancellor
 Terry Budge
 BEcon, FAICD, FAIBF, FAIM



Senate is comprised of 19 members. See list of Senate Members for the reporting period on page 22.

Sub-Committees

- Audit & Risk Management Committee
- Chancellor's Committee
- Environmental Committee
- Governance and Nominations Committee
- Honorary Awards and Ceremonial Committee
- Legislation Committee
- Resources Committee
- Summer Committee

Academic Council

- Academic Policy Committee
- Assessment Committee
- Equity and Social Justice Committee
- Student Appeals Committee
- Committee on University Entrance
- Academic Quality Audit Committee
- Research and Development Board
- Flexible Learning Implementation Committee

University Secretary and General Counsel

- Governance and University Secretariat
- Records Management and Archives
- Internal Audit and Risk Management
- Legal Services

Deputy Vice Chancellor (Academic)
 Professor Jan Thomas
 BSc, BVMS, MVS, PhD, MACVSc, FAICD



- Library services
- Student learning support
- Academic staff development
- Student advice and assistance
- Quality management framework
- Academic planning and academic policies
- Student administration and services
- Student equity and social justice
- Postgraduate and professional education



Executive

Vice Chancellor
Professor John Yovich AM
BSc, BVMS(Hons), DipLargeAnimalSurg, MS,
PhD, Diplomate ACVS, MAICD

Deputy Vice Chancellor
(Corporate)

Mr Ian Callahan

BCom, CA, FFIN



- Financial services
- Commercial services
- Human resources management
- Occupational health and safety
- Information technology services
- Campus planning and property development
- Physical facilities and infrastructure management
- Equal employment opportunity
- Corporate communications and public relations
- Art collection management
- Fundraising and relationship management
- Murdoch University Foundation
- Administration

Deputy Vice Chancellor
(Enterprise & International)

Professor Gary Martin

MEd, MACE, AITD



- Statistical reporting
- Strategic planning processes
- International relations
- International student recruitment, admissions and welfare
- Domestic recruitment and admissions
- Educational partnerships
- Residential services
- Alumni relations
- Careers service

Deputy Vice Chancellor
(Research)

Professor Jim Reynoldson

BSc(Hons), PhD



- Research policy
- Commercialisation of research and intellectual property
- Research degrees and scholarships administration
- Research grants management
- Central research funds management
- Ethics management

Executive Dean
Division of Arts

Professor Arnold Depickere

BA, DipEd, PgCert, MBA



- School of Business
- School of Education
- School of Information Technology
- School of Law
- School of Media Communication & Culture
- School of Social Sciences and Humanities
- Institute for Sustainability and Technology Policy
- Kulbardi Aboriginal Centre

Executive Dean
Division of Health Sciences

Professor Iain Walker

BA(Hons), MS, PhD



- School of Chiropractic
- School of Nursing
- School of Pharmacy
- School of Psychology
- School of Veterinary and Biomedical Sciences

Executive Dean
Division of Science & Engineering

Professor Yianni Attikiouzel AM

FTSE, BSc, PhD, FIEEE, FIEAust, FIEE, CEng, CPEng



- School of Biological Sciences and Biotechnology
- School of Chemical and Mathematical Sciences
- School of Electrical, Energy and Process Engineering
- School of Environmental Science

Senate as at 31 December 2007

Members Ex Officio

Chancellor

Mr Terry Budge

BEcon, FAICD, FAIBF, FAIM

Vice Chancellor

Professor John Yovich AM

BSc, BVMS(Hons),

DipLargeAnimalSurg, MS,

PhD, Diplomate ACVS,

MAICD

Members Appointed by the Governor

Deputy Chancellor

Ms Alison Gaines

BA(Hons), LLB W.Aust.,

MA Murd., FAICD, FAIM

Mr Garry Hunt PSM

BBus, DipLGov, FLGMA,

FAIM

Mr Brian Aitken

Mr Steve Harris

Members Elected by the Academic Staff

Professor Stuart Bradley

BSc, PhD

Dr Marian Kemp

BEd Lond., MEd Murd.,

EdD Murd.

Professor Nick Costa

BAgSc(Hons), PhD

Member Elected by non-academic staff

Mr Philip Hocking

BCom

Members Elected by and from amongst the students

Mr Gerry Georgatos

BA (Phil), BA (Media)

Mr Lloyd Johnson

Members Elected by Convocation

Ms Janice Bowra

BSc Murd., MBA Murd.,

MPH Curtin

Dr Lyndy Scott

BSc, BVMS, MBA, MACVSc,

FAICD

Members Co-opted by the Senate

Mr Tony Iannello

B.Comm, FCPA, SF Fin,

FAICD

Dr Stewart Washer

BSc(Hons), PhD

University Secretary

The Secretariat team supports a wide range of University governance activities. This includes meeting the requirements for effective and efficient operation of Senate and its standing committees, Academic Council and its standing committees and working parties, and each of the incorporated entities in which the University has a controlling interest. Support is also provided for student appeal and disciplinary processes and University elections. The Secretariat provides governance advice to the Chancellor and other members of Senate and Senior Executive.

The new role of Manager Secretariat was created in 2007 to assist in developing a more coordinated approach to supporting the University's governance structures and improving the Secretariat's efficiency.

More information on the Secretariat's activities and committee roles is available via the Murdoch website www.murdoch.edu.au/vco/secretariat/

Murdoch University subsidiary companies

The University Company Pty Ltd, ACN 009 171 386
Murdoch Investments Company Pty Ltd, ACN 105 212 422
Murdoch Ventures Pty Ltd, ACN 107431 069
Innovative Chiropractic Learning Pty Ltd, ACN 107 431 050
MurdochLINK Pty Ltd, ACN 107 431 238
Murdoch Retirement Services Pty Ltd, ACN 090 027 044

Statement of Expenditure

Section 175E 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 2007 financial year on those organisations was \$3,034,645.

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 – \$1,258,940

Meerkats
Market United

(b) Direct Mail Organisations – \$46,506

Lasermail Pty Ltd

(c) Media Advertising Organisations – \$1,660,569

Community Newspapers Group Ltd
Marketforce Productions
Maxus
Starcom

(d) Market Research Organisations – \$68,630

Synovate



Fast-track engineering degree

Murdoch University Engineering students have been offered the unique opportunity to accelerate their studies and complete their degrees in three years instead of four. This fast-track degree was developed in response to the mining industry's need to fill a global shortage of engineers.

Risk management

The University recognises the importance of risk management by having an appropriate policy and a dedicated Office of Internal Audit and Risk Management. The University recognises the need to obtain a reasonable balance between risk and reward. The Senate has endorsed Terms of Reference that require the Audit and Risk Management Committee to ensure that risk management issues are being adequately addressed within the University, covering financial, legal, ethical and reputational risks, and including the monitoring of risks associated with any legal action taken against the University.

Management is ultimately responsible to the Senate for managing the University's risks by having adequate processes in place. The Audit and Risk Management Committee assists the Senate in monitoring the extent to which management discharges this responsibility.

The Audit and Risk Management Committee endorses the annual internal audit plan. This plan is risk based and contains specific audit tasks to be undertaken by the Office of Internal Audit and Risk Management who report their audit results to the Audit and Risk Management Committee. This Committee produces an annual report to the Senate on the extent to which it has discharged its responsibilities contained in its Terms of Reference.

Risk Management activity at the University is based on the methodology contained in the Australian Standard AS/NZS 4360 on Risk Management and is applied on an enterprise wide basis. This methodology assists each operational area of the University to produce their operational risk management plan and to review them on an annual basis. The University has also produced a strategic risk management plan that is subject to annual review.



The extreme and high risks contained in these plans are recorded in a risk register that is reviewed at the quarterly meetings of the Audit and Risk Management Committee. The University aims to reduce these risks to lower levels. Risk management is also applied at a project level.

The Office of Internal Audit and Risk Management is an independent office whose responsibilities for risk management include the provision of education and advice, and the co-ordination of, review of and reporting upon risk management activities.

Records Management

In early 2007 the State Records Commission approved the University's Recordkeeping Plan for a period of five years. Approval is subject to submission of policies and procedures covering metadata management and a migration strategy, and provision of evidence that the policies and procedures have been approved by the Vice Chancellor for implementation throughout the University.

The following information is provided to meet the requirements of Principle 6 (Compliance) of the State Records Commission's Standard 2: Recordkeeping Plans.

- A comprehensive review of the University's recordkeeping systems was undertaken in 2004. The next major review is scheduled for 2008/09.
- An online recordkeeping awareness training course on employee roles and responsibilities in regard to their compliance with the organisation's recordkeeping plan was formally implemented by the University in 2007 and endorsed by the State Records Office. An information booklet about the State Records Act 2000 was also produced and distributed to staff.
- The next review of the efficiency and effectiveness of the University's recordkeeping training program will be undertaken in 2008/09.
- The University's monthly staff induction program includes a mandatory enrolment in the online recordkeeping awareness training program. Staff also receive the information booklet about the State Records Act 2000.

Murdoch University Foundation

Inspiring Achievement and Changing Lives

Murdoch University has a 30-year history of success in working with community-minded individuals, businesses, government and organisations to benefit society through research, education and community projects. In 2003, Vice Chancellor Professor John Yovich initiated the Murdoch University Foundation to increase such partnerships and encourage financial support for the mission of the University.

The Foundation supports specific programs and projects and is developing an endowment by seeking donations from the public and corporate sector and, in the future, by generating profits from appropriate investment activities.

As the real value of government support for tertiary education decreases and costs and student numbers increase, the need for private support for education becomes ever more important. In its quest to stay at the forefront of education and research, Murdoch University has many goals and aspirations for its students and

the community. The Foundation helps to achieve those goals with community support.

The Foundation is an Australian Taxation Office endorsed Deductible Gift Recipient so gifts are tax deductible. It is governed by a Board of Trustees, chaired by the Vice Chancellor, and includes Chancellor Terry Budge and members Ms Karen Brown, Emeritus Professor Geoffrey Bolton, Emeritus Professor Kateryna Longley and Mr Richard Alder – all of whom give their time on a voluntary basis.

The Foundation is administered by the Office of Development and all contributions go directly to the nominated program or project. There are no deductions for salary, promotional or administrative costs.

Since its inception, donations and sponsorships through the Foundation have totalled more than \$3,453,149 and it has made grants to the University worth \$1,280,686.

2007 Achievements

In its fifth year of operation, the Foundation again attracted some significant donations, sponsorships and pledges for a range of projects and programs.

In total, the Murdoch University Foundation received income of \$1.092 million with forward pledges over the next five years totalling more than \$1.5 million, another substantial increase over previous years.

The Genesis Campaign

This year the Foundation embarked on its most ambitious capital fundraising campaign to date – the Genesis Campaign – to raise \$10 million toward the establishment of the Institute for Immunology and Infectious Diseases. The Institute will enable Murdoch researchers to advance their groundbreaking work on HIV AIDS and other infectious diseases.

Murdoch University International Theologian Fundraising Campaign

Established in 2005 with an initial fundraising target of \$750,000, the Murdoch University International Theologian Campaign has received \$679,000 at the end of 2007 as part of a pledged total of \$850,000.

The campaign has established an endowment fund with interest covering the costs of an annual visiting international theologian to engage with the Murdoch and wider WA communities. The success of this campaign was due in no small part to the dedication of the two volunteer gift-seeking committees chaired by Mr Michael Kiernan and Reverend Ken Williams. The first visiting theologian, the Archbishop Michael Fitzpatrick, Apostolic Nuncio to the Arab Republic of Egypt, will visit Perth in June 2008.

Student Prizes and Scholarships

During 2007 the Foundation received \$54,855 to establish 23 new prizes and 20 new scholarships worth more than \$490,000 over the next five years. Many of these prizes and scholarships have been named in honour of their donors or in memory of someone close to the donor.

Support for Senior Academic Appointments

The Foundation continued to work with the City of Mandurah, the City of Rockingham and the Peel Health Campus, each of which has provided generous funding for a regional Professorial appointment over three years. The Department of Planning and Infrastructure continued support for joint funding of a new Associate Professor in Community Planning to be based at Murdoch University for four years.

Murdoch University Banksia Association

The Murdoch University Banksia Association was established by the Vice Chancellor in 2005 to strengthen the University's connections with past supporters including Emeritus Professors and Emeritus Associate Professors, past lay members of Senate, Honorary Degree recipients and others. The Banksia Association has grown to 125 members and this year launched its first special fund-raising project to support a student Honours Scholarship in perpetuity. Already \$20,000 has been raised towards a target of \$125,000.



Vaccine development

Associate Professor Stan Fenwick, Dr Cassie James and Dr Trevor Ellis have developed a simple product to assist in the control of bird flu. Their vaccine marker is being trialled in Asia, which the team hopes will be incorporated into widespread vaccination programs in the near future.



The Chiropractic and Sports Science Development Committee

Established in 2007, this committee will raise funds to support prizes and scholarships, staff positions, equipment and community projects for the School of Chiropractic. Already \$35,000 has been raised, and for the second consecutive year, generous donors provided funds of \$9,000 for a group of Chiropractic students to travel to India to work with underprivileged children and communities. A group of students was also supported by three businesses to travel to communities and mine sites in WA's north west for clinical experience and to provide on-site health care.

The Murdoch University Veterinary Trust

The Murdoch University Veterinary Trust was established in 1997 with a mission to serve animals, veterinarians, and the community to the highest level by helping the Murdoch University School of Veterinary and Biomedical Sciences achieve its strategic goal of international excellence in veterinary science. With support from individuals and organisations, Murdoch University Veterinary Trust supports veterinary education, ground-breaking research, and quality veterinary care. The Trust is a deductible gift recipient and contributions can be made as either donations or sponsorships. The Trust raised \$318,000 in 2007. With the generous support of donors and sponsors, it provided funds for a residency in cardiology, conservation and zoo medicine, purchased several key pieces of equipment for the veterinary hospital, funded an Emergency and Critical Care staff member, and provided more than 40 prizes and scholarships.

Grants to the University

During 2007, the Foundation provided grants to the University totalling \$813,000, matching the wishes of individual and corporate donors and sponsors who contributed to the Foundation during the year.

Bequests – The Will to Make a Difference

The Murdoch University Foundation continues to assist a growing number of people who wish to leave a gift to the University in their wills. Gifts of this nature are welcomed by the Foundation as they provide an opportunity for people to make a contribution they may not be able to make during their lifetime.

Planning for 2008

The Murdoch University Foundation is grateful for the support provided by all donors and sponsors and looks forward to an even more successful year in 2008, with a new focus on Alumni relationships and projects to support the new faculty structure within the University.

To learn more about current University projects or to discuss how you might like to benefit the community and support the mission of the University, please contact Ms Vicky Dodds, Chief Executive Officer of the Murdoch University Foundation on 08 9360 7607 or visit our website at www.foundation.murdoch.edu.au for more information.



Teaching teamwork rewarded

Senior lecturer Mia Lindgren and Associate Professor Gail Phillips from the School of Media Communication & Culture were the inaugural recipients of Murdoch University's Team Teaching Excellence Award. The duo was recognised as a dynamic team that models best practice in broadcast journalism.

Murdoch University

Foundation Donors and Sponsors for 2007

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

Student Prizes

Alcoa World Alumina Australia
AMGEN Australia Pty Ltd
Anthropological Society of WA
Association of Chartered Certified Accountants
Australia-Japan Society Inc
Australian Biosearch WA
Australia Society for Parasitology
Peter Brown
Chartered Institute of Management Accountants
Chartered Secretaries Australia
Chiropractic & Osteopathic College of Australasia
Chiropractors Registration Board of WA
City of Rockingham
Clayton Utz

Communications Expert Group
Roberta Cowan
David Knights
Department of Treasury and Finance
Dr Joan Eveline
Epichem Pty Ltd
Frontier Software Pty Ltd
Geoff & Lyn Field
Honeywell Ltd
IEE
IEEE WA Section
iiNet Limited
Independent Metallurgical Operations
Industrial Relations Society of Western Australia
Institute of Chartered Accountants in Australia
Institute of Internal Auditors

Institute of Public Administration Australia
The Issa Family
Japan Chamber of Commerce and Industry in Perth Inc
Metropolitan Health Service Board Bureau
National Institute of Accountants
Oceanica Consulting Pty Ltd
Robert K O'Connor QC
Planning and Transport Research Centre
Jane Sayers
SGS Lakefield Orestest Pty Ltd
Pritam Singh
Mary Smith
Sportstek Physical Therapy Supplies Pty Ltd
The Amanda Young Foundation Ltd
WA Chinese Chamber of Commerce Inc
WA Mining Club

Water Corporation
West Australian Newspapers Ltd
Westinfo Services
Chiropractors Association of Australia (WA)

Student Scholarships

City of Rockingham
Coolibah Nursing Home
Department of Defence
Robert Hammond
Peter Smith
South Metropolitan Regional Council
Town of Kwinana
Tony Sang – Wah Chong

Institute for Immunology and Infectious Diseases Campaign

Cedo Inc.

International Theologian Campaign

Dr David Allbrook

Peter Anderson FRACS

Anglican Parish of Claremont

Consolidated Minerals Ltd

Revd Des Cousins

Crawley Investments Pty Ltd

Hubert Day

DJ Carmichael Pty Ltd

Geoffrey Ebell

Carol Edwards

Dr Kenneth Evans

The Revd Cannon Dr Michael Evers

Barry & Prue Honey

India Resources Ltd

Ionikos Pty Ltd

Elizabeth James

Revd Jeremy James

Dr Keng Khoo

Michael Kiernan

Revd Glendon Lane

Dr Mary Marshall

Venn Terence McAuliffe

Elizabeth Millett

Monarch Gold Mining Company Ltd

Jock & Jane Morrison

Ian Passmore OAM

Michael Perrott

Don & Linda Rock

Revd Christine & Wayne Simes

Dr Rowan & Jill Strong

Territory Resources Ltd

The Stan Perron Charitable Trust

Trinity Parish Church

Uniting Church in Australia

Ros Waldon

Anne Watson

Donald Werner

Jeff Wilson

Judge MA & DI Yeats

Physical Science Building Campaign

Jennifer Searcy

Ray Tauss

School of Chiropractic and Sport Science Development

Dr Michael Brett

Burswood Health Professionals

Dr Frederic Cappon

Chiropractic & Osteopathic College of Australasia

Chiropractic Association of Australia (WA)

Kathryn Cooper

Nicole Czornohalan

Brett Dellar

Susie Enston

Simon Forth

Ty Fullwood

Goldfields Chiropractic Centre

Leonie Horak

Kalamunda Chiropractic Clinic

Elizabeth Khoo

Dr Michael Lekias

Andrew Lim

Jit Lim

Mosman Chiropractic Health Clinic Pty Ltd

Murdoch University Alumni, Careers &

Employment Centre

Dusica Neric

NRW Holdings Limited

Operator Training Australia P/L

Amanda Phan

Dr David Ponton

Potshot Resort

Protocol Investment Group

Case Sinclair

Carol Skilton

Melanie Sounness

South Perth Chiropractic Centre

Chris Stibbs

Carolyn Sweeney

Sponsorship of Academic Positions

City of Rockingham

City of Mandurah

Department of Planning and Infrastructure

Peel Health Campus

Art Collection

Estate of John Francis Boyd

After School Physical Science Program

Quickaway Excavations

Banksia Association Donations

Terry Budge

Jeremy Buxton

Sydney & Danae Corser

Alison Gaines & Greg Smith

John Grandage

Robert Hillman

Michal Lewi

Jack Loneragan

Dr Toby Manford

Arthur McComb

Jennifer McComb

Dr Colleen Rigby & Dr Clyde McGill

Don & Nonie Smart

John & Jane Yovich

John Toohey

Geoffrey Bolton

Patrick Carnegie

Fred and Angela Chaney

Dr Geoffrey Gallop

Richard MacWilliam

Barry McGaw

Michael Murray

Ian Richie

General Donations

Julian Shortt

Mannkal Economic Education Foundation

Ian Callahan

Murdoch University Veterinary Trust

Peter Adamson

Graham Addison

Richard Alder

Richard Alderson

Veronica Anderson

Barry and Suzanne Atkinson

Australian Veterinary Association

Heather Backshall

Zoe Bagshaw

Ballarat Veterinary Practice

Jenny Ballard

Betty Barker

Lillian Barker

Rowena Barrett

Irwin Barrett-Lennard

Mary Teresa Barry

Janet Beal

Susan Beetson

Arthur Bertram

J Blitz

Peter and Anne Blockley

Boehringer Ingelheim

Margo Boldt

Brett Boling

Jenny Bolwell

Lynette Bowra

Jenny Braid

Helen Bresloff-Berry

Ron Brooks

Helen Brown

Shona Brown

Yoke Ying Brown

David Budd

Norman Burrows

David & Christine Burt

Lynne Buzzard

Pamela Bygrave

Margaret Cala

Gloria Campbell

M Carter

Betty Caven

Gabrielle Chadwick

Christina Chang

Lynda Chilvers

Jan Christensen

City of Stirling

F & V Clark

Ross & Lorna Clark

William Clark

Wendy Clark

Jo Clayton

Kate Clayton

Ann Cocks

Brian Coffey

Julie Colless

Rod Collins

Judith Congrene

Jeanette Connolly

A Cook

Kylie Cook

Ian Cover

Anne Crawford

Terence Crommelin

Dr B Crook
Carolyn Daly
Kristina Darcey
William Darmody
Kerry Davies
Joy Louvain Davis
Leanne Day
Peter De Boer
Brian and Margaret Dellaca
Thea Dines
Kim Doggett
Anthony Donohoe
Andrew Dunn
Fay Dunstan
Bruce and Wendy Dyer
Mark Eagleton
Trevor Eastwood
David Edmonds
John Edwards
P Eckardt
Beverley Elsom
Lynette Embrey
Carolyn Emery
E B England
David Fitzpatrick

Carol Flint
Norm & Maureen Flynn
Elisabeth Ford
Margit Foster
Janne Frankish
Winfred Froude
Brian Gabbedy
Ann Geldart
Pamela Gillett
E B Glover
Sandra & Peter Goard
Paul Goggin
Ed Goodwin
Phyliss Grant
Peter Royston Gray
Ruth Greble
Ellen Green
P and J Grice
Bob Gutteridge
Michael & Del Hankins
William Hannam
Ann Harding
Margaret Harffrey
Margaret Harvey
James Hayes

Linda Henton
Margaret Herbert
Stephanie Hestler
A Hetherington
Geoff Heward
Vui Min Hiew
Dallas Hickman
Daphne Hill
Michael Hill
John Hilliger
Hill's Pet Nutrition
Home Building Society
Kevin Houlihan
Tony Howarth
Crystal Humphry
Mandy Hudson
B & J Hunter
Robert Huxtable
Barbara Imberger
Intervet Australia Ltd
Peter Isbister
C Jackson
Marion Jackson
Harold Jarvis
Marie Jennings

John Johnston
Bob Jones
Dorinda Jones
Gavin Jones
John Jones
Chris Clark
Suellen Kelly
Peter Kendall
Warwick Kent
Gregory Kidd
W King
Peter Kitto
Sylvia Kniesberg
Esther Kon
Yael Kurlansky
Colin & Shelley Lane
Hilary Larson
Chris Lawson-Smith
Winifred H Lee
David & Elisabeth Lefroy
Carloyn Lewis
Peter Lindhe
Melinda Logan
Mary Macha
Peter Mackie

Walter & Grace Manser
Katrina Marshall
Rosemary Martin
Shirley Mason
Mary McConnell
Joseph McDermott
Andy McElroy
Robyn McElroy
Trish McGee
Clyde McGill
Rachel McGlinn
Kate McGurk
Adrienne McIntosh
Agnes McLeod
Anne Medlen
Steve Meerwald
J Melvin
Jacqueline Meyer
Clare Middle
D Miller
Irene Miller
Jenny Mills
Tony & Gillian Milne
Milne AgriGroup Pty Ltd
Maureen Moore

Scott Mortley
Popeye Muljadi
Margaret Mundy
M & P Murphy
Sarah Murphy
Gillian Murray
Margaret Murray
John & Janet Neilson
Ross Neumann
Pauline O'Beirne
Dan O'Brien
Malcolm O'Hara
Patrick O'Leary
Alex Omel
John Owen
S Parker
Catherine Parry
Timothy Pavy
Perpetual Trustees Australia
Perth Zoo
Dave Petersen
Fiona Prendergast
John Prendergast
Professional Agricultural
Provet WA

Margaret Rankine-Wilson
Brian J Read
Martina Read
Denise Regan
Soo-Lin Reynolds
Brian Ridal
Ingrid Right
Walter Roberts
Ian Robertson
Erica W Roderick
Lesley & Decima Rothwell
G Routley
Inge Rozsa
C Sambraile
Sylvia Schaber
Lewis Schinckel
Dr Joanna Seymour
Margot Seneque
Helen Sewell
Robyn Sharp
John Simpson
Jenny Po Shan Siu
Joan Smail
Sonia Soans
Monique Spain

E J Sparks
Kim Spurge
Fiona Spurling
State West Credit Society
Donald N Stewart
A Stone
Jeanette Stuber
Liza Svensson
Anne Tan
Jenny Tan
Soon Tan
Anne Tapsell
John & Merle Teal
Danny Thies
Susannah Thomas
Colin Trengove
Phillip Tucak
Heather & James Tunmore
Janet Turner
Janet Underwood
Edna Vaux
Brigid Woss
Sally Yap

Veterinary Centres of America

Vetlink
Elizabeth Walton
Richard Walton
Elaine Waters
Janet Ruth Waugh
Gillian Weaver
Wellard Rural Exports
Wesfarmers Ltd
Belinda Wilkin
R&M Willcox
E Wilson
Osra Wisbey
Fred Witting
Wendy Wood
M R Worton
Elise Young
Barbara Zimmerman

Caring for Pets Participating Clinics

Attadale Veterinary Clinic
Booragoon Veterinary Clinic
Bullcreek Veterinary Hospital
Busselton Veterinary Hospital
Corny Point Veterinary Surgery, SA
Cottesloe Animal Hospital
Denmark Veterinary Clinic
Harradine & Associates
Hilton Veterinary Clinic
Mira Mar Veterinary Hospital
Ranford Veterinary Hospital
St Francis Veterinary Hospital
Valley Vet Centre, Hong Kong
Willagee Veterinary Clinic
Willetton Veterinary Clinic
Winthrop Veterinary Clinic
Grantham Street Veterinary Clinic



Drug development for Africa

Professor Andrew Thompson's team and start-up biotechnology company Epichem Pty Ltd have been making major inroads over the past 10 years into developing effective, affordable and safe drugs to treat sleeping sickness. They hope to have treatments prepared for human trials within a year.



South Street campus

90 South Street
Murdoch, WA 6150
Telephone: 08 9360 6000
Facsimile: 08 9360 6847
www.murdoch.edu.au

Rockingham campus

Dixon Road
Rockingham, WA 6168
Telephone: 08 9553 7070
Facsimile: 08 9360 7077
www.murdoch.edu.au

Peel campus

Carleton Place
Mandurah, WA 6210
Telephone: 08 9582 5501
Facsimile: 08 9582 5515
www.murdoch.edu.au

DISCOVERERS WELCOME