

Annual Report 2008



Murdoch
UNIVERSITY

DISCOVERERS WELCOME



Statement of Compliance

**The Hon. Dr Elizabeth Constable (MLA)
Minister for Education, Tourism and Women's Interests
19th Floor, Governor Stirling Tower,
197 St Georges Terrace,
PERTH WA 6000**

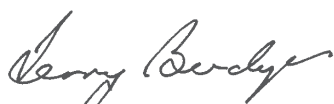
25 February 2009

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 2008.

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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To be read in conjunction with the supplement.

Vision

Mission

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

Vision

Murdoch University is committed to its vision of being a prominent and influential research intensive university renowned for its teaching quality and research excellence; promoting intellectual independence and social and scientific critique within a supportive and sustainable environment for students and staff; and engaging with and benefiting local, national and international communities.

Values

Equity and Social Justice

Sustainability

Global Responsibility

Innovation and Entrepreneurship

Discoverers welcome

Murdoch University helps people discover what they're capable of, opening them up to new possibilities and options for more fulfilling lives, through education.

Murdoch University has an outstanding reputation as an institution that provides students with a quality education and recognised academic standing within an engaging and caring environment. The University is committed to excellence in teaching and research and Murdoch provides the ideal place to take the next step on a path of lifelong learning.

Murdoch is passionate about education because it can transform people's lives.

Chancellor's Report

Higher education in Australia faced an uncertain future throughout 2008. The new Commonwealth Government took its first steps in redefining higher education policy in the first half of the year, commissioning Emeritus Professor Denise Bradley to conduct a comprehensive review of the sector. Then, in the latter half of 2008, Australia was drawn into the global financial crisis, which will continue to effect on enterprise and higher education in 2009 and beyond.

The Review of Australian Higher Education examined themes such as productivity and participation, social inclusion, enhanced quality and high standards, and policy linkages. These factors will redefine the broad tertiary education and training sector and inform the national policy agenda for higher education in the coming decade.

Murdoch University confirmed its position as a research intensive university in 2008, with high teaching quality and increased commitment to its principles of sustainability and social justice. As well as achieving record research income in 2008, Murdoch continued to grow student enrolments, implemented a wide range of initiatives supporting our environmental sustainability, and was awarded for its communication and marketing of education opportunities offered by the University.

Murdoch has a longstanding institutional commitment to improve the social inclusion of educationally disadvantaged and under-represented groups in our community. In 2008 we continue to expand and develop our range of programs that provided educational opportunities for all students with the ability to succeed. By doing so, Murdoch University seeks to meet its responsibility to help build the human capital that underpins Australia's future economic prosperity and help the nation adjust to the changing economic conditions.

The global financial crisis will impact the higher education sector in many different ways, including changing patterns of enrolments as labour markets change, and tightened financial conditions constraining investment income and industry investment in research.

We have taken action over the past few years to position Murdoch for a financially constrained environment as a result of the continuing decline in value of Commonwealth support relative to the escalating fixed costs in the sector. To create clearer accountability, stronger management and to ensure the University's overall efficiency, we commenced the Murdoch 2010 Strategic Planning Program. Implementing the program's recommendations during 2008 and 2009 will position us well for increasingly more difficult economic environment ahead.

Continuing our recent history of sound financial outcomes, the University's 2008 consolidated financial result was a surplus of \$14.4 million. Given the prevailing economic climate, this is a strong outcome.

Murdoch's University 'Discoverers welcome' branding strategy led to better market perceptions and awareness of the role the University plays in the local, national and global communities. This was evident in accolades such as the prestigious national marketing award from the Australian Marketing Institute in the Education category, and the 2008 Web Award for the Best University Website. Importantly, greater understanding and recognition has directly resulted in increased enrolments and industry linkages.

This has been another successful year for Murdoch University in which we have positioned ourselves strongly for the future. On behalf of my fellow Senators, I thank all involved in achieving this result and commend this report to you all.

Mr Terry Budge

Chancellor

Vice Chancellor's Report

Murdoch University has achieved outstanding results in teaching and research in 2008. Our student enrolments have reached record numbers, particularly at our international study centres and through international student enrolments at Murdoch's Australian campuses. The Murdoch University Foundation brought in record income and the first allocation from the newly established Endowment Fund was used to establish the Research Institute Director positions.

This has been a year in which we actively put in place many elements at the heart of building a financially sound and successful future. This has included implementing sustainability management programs across the campus, which reflects our commitment to conducting Murdoch's education, research and corporate activities in a sustainable way.

For more than 30 years Murdoch has welcomed a broad spectrum of students - one that includes those with near perfect TER scores but also many students who are the first in their family to attend university, who come from a low socioeconomic status background, or are educationally disadvantaged.

This tradition continues today with programs such as the Lighthouse Project to develop pathways into careers in nursing for Indigenous students, the MasterClass which provides students with excellent academic performance the chance to complete a postgraduate qualification during the normal course of their undergraduate studies, and two-way programs to help the transition to university and into work for African refugees.

It's through initiatives such as these that we fully engage students in learning, leading to increased student satisfaction and our unparalleled record in retaining Murdoch's five-star ranking for Graduate Satisfaction in the Good Universities Guide for 13 out of the past 14 years.

Research income is critical to the financial health of universities. Murdoch achieved a 15.3 per cent growth in total research funds during 2008. This year also saw the creation of seven new Research Institutes, which will drive strategic research directions and help build effective internal and external engagement with a broad range of stakeholders including business, industry, alumni and the wider community.

Murdoch has a recognised commitment to renewable energies, sustainability and environmental science that is embedded in our teaching, research and engagement with business and the community. Reflecting this commitment, Murdoch has taken a lead position in addressing the nation's capacity to respond to the challenges it faces in a carbon constrained world.

Biodiesel from algae, photovoltaic research, wind turbine quality assurance and testing programs, climate science and greenhouse accounting, sustainability planning, sustainable energy management, and demonstration facilities such as our Environmental Technology Centre reflect the quality and breadth of Murdoch's research and showcase our ability to lead Australia into the new carbon economy.

Importantly, Murdoch has taken great strides forward in its own energy sustainability in 2008. Working with Synergy, we became the largest organisation in Western Australia to use 15 per cent GreenPower, and together with the installation of nearly 200 solar panels on the library roof, Murdoch became the highest percentage user of nationally accredited renewable energy of any university in the country.

Future plans are underpinned by sound financial management, clear strategic direction, and well-defined strengths in teaching and research. The Murdoch 2010 Program has provided the tools to ensure the University has these fundamental elements in place.

Social inclusion is a fundamental tenet of the Commonwealth Government's approach to public and economic policy. Murdoch has a strong ethos of equity, social justice and community engagement and our geographical position, student demographics and high quality of academics with a social conscience have shaped our socially inclusive outlook to education.

We have long demonstrated that effective cooperation between the University and its community can lead to real change. The development of innovative strategies for sustainable water management in Western Australia and nationally will be the result of a professorial appointment supported by Alcoa in 2008. The renewal of the City of Rockingham Chair of Education demonstrates the value placed on the positive impact on school retention and student engagement achieved by this partnership.

This year marked an important new chapter for Murdoch in challenging times when our commitment to being a socially responsible, sustainable institution is more relevant than ever before. In fact, I believe 2008 has been crucial in building a strong foundation which will enable us to achieve the ambitious goals we have set ourselves in the coming years.

With the help of our staff, students and alumni, Murdoch University will continue to play an important role as a catalyst for change.

Professor John Yovich AM

Vice Chancellor

Year in Review

Strong growth continues

Record student enrolments

Student numbers increased to unprecedented levels in 2008 with 16,761 students studying at Murdoch both internationally and in Australia. The University's international study centres and international student enrolments at Murdoch's Australian campuses also built on record 2007 figures by more than 11 per cent to achieve its highest ever enrolments in 2008.

The biggest growth in student numbers was seen at Murdoch's offshore centres in Singapore, Malaysia, Japan and Dubai. During 2008, enrolments in these centres grew by a staggering 58 per cent to 2,344. With the 2008 launch of two new international student centres in Dubai and Singapore, offshore student numbers are expected to rise to 3,000 in 2009.

The University continued its successful international recruitment strategy to enable overseas students to study at its three Western Australian campuses.

In 2008, more than 2,000 international students from over 100 countries studied at Murdoch's WA campuses.

Despite Murdoch's increased TER cut-off entrance scores and declining local demand the University's undergraduate Commonwealth Grant Scheme (CGS) student numbers grew by 1.5 per cent. Fee-paying domestic postgraduate enrolments increased by eight per cent in 2008, eclipsing all previous results for this group. The University also had a record mid-year enrolment increase of 20 per cent in undergraduate enrolments.

These exceptional domestic successes resulted from targeted recruitment strategies including:

- Conducting seven discipline-specific Careers Evenings;
- Attracting over 11,000 people to the South Street Campus for Open Day;
- Appointing Faculty Recruitment Officers to work with academic staff to develop recruitment activities and publications; and
- Launching a fully online application process.

International initiatives

Expanding the University's international reach, two new offshore student centres were established in 2008.

Singapore Study Centre

Australian High Commissioner Miles Kupa officially opened Murdoch University's International Study Centre in Singapore in June. Headed by a Murdoch Academic Dean, the Centre is a partnership with the Singapore Manufacturer's Federation School of Management and has more than 1,000 undergraduate and postgraduate students studying media and business courses.

Dubai Study Centre

His Excellency Sheikh Nahayan Bin Mubarak Al Nahayan, United Arab Emirates Minister of Higher Education and Scientific Research, inaugurated Murdoch University's International Study Centre Dubai campus in November. Also headed by a Murdoch Academic Dean, the Centre operates in conjunction with the Global Institute Middle East and focuses on business and media courses. Supporting the media courses are state-of-the-art television and radio studios, newsrooms, editing suites and digital post-production facilities. Inaugural courses commenced in August.

Unparalleled student experience

Five-star approval from graduates

Murdoch again led all Australian universities in the Good Universities Guide, achieving the extraordinary record of gaining the top (five-star) rating in this category for an unmatched 13 out of 14 years.

Five stars were also achieved for Murdoch's teaching quality and access for equity groups, with four stars awarded for the University's research intensity and graduate employment.

In another measure of Murdoch's rich student experience, retention rates of students new to the University were higher than those of competitors. This is a particularly satisfying outcome for Murdoch as the University's student body is continually diversifying through the provision of alternative entry pathways in addition to assessment of their direct TER.

Enhancing the entire student experience from entry to employment has been a strong focus in 2008. Performance-based expectations were developed within the University to maintain a high quality learning environment and strengthen indicators such as student satisfaction, progress rates and retention, as well as graduate satisfaction and employment rates.

Virtual student contact

'Going where the students are' was the philosophy behind an exciting initiative implemented by the First Year Experience team. A Facebook account was created to hook into students' online social networks as a non-invasive way of proactively helping students and maintaining contact as needed. Facebook was chosen instead of a University-hosted online community because of its popularity with students. This initiative proved effective, establishing around 500 online 'friends'.

The University also continued to use Second Life, an online virtual world, to give presentations, teach, hold conferences, network and showcase current research and learning practices. Murdoch joined a group of Australian universities leasing Second Life land in 2007 and a growing interest group formed in 2008 with the University's purchase of an island. The island is jointly managed by the Teaching and Learning Centre, Information Technology Services, Murdoch's School of Information Technology and the Murdoch University library.

Upgrade for student village

Growing student numbers have increased demand for student housing on campus. The operators of Murdoch University's student housing, Campus Living Villages, will provide another 293 beds for first semester 2009 and refurbish 60 existing flats at the South Street campus. In keeping with Murdoch's 'green' focus, solar hot water systems and greywater recycling systems have been installed with many other ecodesign features. On completion, the student village will provide a total of 836 beds and feature an e-library, café and swimming pool, setting the University's village among the best on-campus accommodation facilities in Australia.

A leader in teaching and learning

Murdoch's commitment to quality teaching and learning was recognised in 2008 with many national awards and increased research funding.

Prime Minister awards teaching and learning capital funding

Prime Minister, Hon Kevin Rudd, awarded \$7.8 million to Murdoch in a one-off Federal grant for the University's teaching and learning capital fund as part of a \$1.6 billion boost to national university and TAFE infrastructure. Based on domestic student load, the funding targets teaching facilities renewal or new buildings, IT services or infrastructure.

Federal funding for education projects

The Department of Education Employment and Workplace Relations granted \$630,000 for two Murdoch education projects, through the Diversity and Structural Adjustment Fund the Murdoch-founded and hosted Australian Consortium for 'In Country' Indonesian Studies (ACICIS) will receive \$390,000 to develop an innovative professional practicum in Development Studies which is open to all Australian students.

Murdoch's two-year collaborative project with Challenger TAFE received the remaining \$240,000 to address labour market and regional needs in the Rockingham and Peel areas.

Teaching and learning excellence

Murdoch University again featured strongly in the Australian Learning and Teaching Council (ALTC) awards. Six Citations for Outstanding Contributions to Student Learning were awarded to staff in 2008 along with two out of only 10 ALTC national awards in the Programs that Enhance Learning category, a high level of success compared to national figures. These awards went to UniFocus and the ACICIS.

Three submissions to ALTC for competitive grants were also successful. Grants and awards to Murdoch totalled over \$400,000 providing funds to further develop learning and teaching.

Future directions for teaching and learning

In 2007 Murdoch University began a series of strategic projects as part of the Murdoch 2010 Program to identify the University's strengths in teaching and research and to define the future shape of academic and research offerings. The first stage incorporated a structural realignment of the three Divisions into six new Faculties representing the broad future directions of the University.

The course profiles within the six new Faculties began to evolve in 2008, where less successful courses were considered for retirement and new courses were implemented. The University will continue to respond to the changing globalised economic and commercial environment by creating innovative programs tailored to specific national and international developments and conditions.

Innovative new programs

- In an Australian first, Murdoch University now educates its law students in China through an inventive new Postgraduate Certificate in Chinese Law, sponsored by Australian law firm Minter Ellison. The six-month part-time program includes one month's intensive studying at Zhengzhou University, central China.
- In 2008 Murdoch's Business School students had the opportunity to take a six-month program of studies in Chinese language and culture, assisted by Rio Tinto scholarships, as part of the University's three year Chinese Business Major. The program began in Zhejiang Normal University in China, with students also undertaking work experience with Rio Tinto in Shanghai.

- Murdoch's successful MasterClass Program, which offers concurrent postgraduate studies to the top 10 per cent of undergraduate students from all disciplines, recorded capacity enrolment of 60 students for the summer term 2008/09 in the Postgraduate Certificate in Business Administration. Seven top-performing psychology, law and biological science students were admitted to the Postgraduate Certificate in Forensic Science (Courtroom Practice) MasterClass program. An expanded range of units, new courses and offshore study options are being considered for MasterClass in 2009/10.
- Under a new agreement forged with the University of Macerata, one of Italy's oldest universities, Murdoch law students are able to travel to Macerata to undertake the intensive European Summer Program in international and European law.
- Murdoch's new Bachelor of Digital Media in Games Art and Design was developed this year and starts in 2009. The degree, run by industry expert Josh Whitkin, will train the next generation of concept artists, modellers, animators, play testers and game designers.
- A new state-of-the-art curriculum for veterinary science was introduced, maintaining the Murdoch veterinary program's world-class status. The five-year curriculum is offered to students admitted after the successful completion of at least one year of science.

Research excellence

Setting a strategic research direction

Research funding for 2008 totalled \$40.6 million including \$1 million raised by the Murdoch Foundation for Research. This represents a record for Murdoch with growth from 2008 figures of 15.3 per cent.

In 2008 Murdoch received more than \$2 million for seven Australian Research Council (ARC) Discovery projects, one Linkage project and two Discovery Indigenous schemes to be undertaken in 2009. A success rate of 21 per cent in Discovery grants was achieved, exceeding the national rate and topping the success rate for WA universities. This success was spread across all Faculties.

Research at Murdoch took an exciting new strategic direction in 2008 with the creation of seven new Research Institutes and the appointment of their Directors.

Aligning with sector best practice, the University will concentrate on fewer research fields. This will allow for internationally recognised research performances, encouraging cross-disciplinary research and strengthening collaborations with major Australian and overseas research providers, government agencies and end-users. The Research Institutes will drive the development of strategic research investment plans and directions at both the research cluster and University-wide level, to form a funding access mechanism for these clusters.

Along with the Institute for Immunology and Infectious Diseases led by internationally renowned researcher Professor Simon Mallal, Murdoch's new Institutes are:

- Institute for Integrated Health Research – Director, Professor Jacqueline Phillips
- Institute for Resource Technology – Director, Professor David Doepel
- Institute for Sustainable Ecosystems – Acting Director, Professor Giles Hardy
- Animal Research Institute – Director, Professor John Pluske
- Institute for Crop and Plant Sciences – Acting Director, Professor John Howieson
- Institute for Media, Creative Arts and Information Technology – Acting Director, Professor Duane Varan, and
- Institute for Sustainable Societies, Education and Politics – Director, Professor Craig McGarty.

The Institute for Immunology and Infectious Diseases – Genesiis Campaign

A state of the art medical research facility to house the Institute for Immunology and Infectious Diseases research and clinical teams began construction on Murdoch's South Street Campus in August 2007. The facility will be the centrepiece of a world-class medical and biotechnology precinct which will open in 2009.

Federal funding of \$19.5 million has been secured for the \$34.5 million facility, along with \$2.3 million from the Western Australian Government Centres of Excellence Program and \$2.7 million allocated from Murdoch University. The University established the Genesiis Campaign with patrons Stan and Jean Perron to raise the \$10 million balance. More information on the Genesiis Campaign is available at www.genesiis.murdoch.edu.au

Climate change, sustainability and alternative energy research

- In 2008 Murdoch University became host of the new Centre of Excellence on Climate Change and Woodland and Forest Health. Established with \$2.3 million of State Government funding over five years, the Centre will research climate change, tree, woodland and forest declines, decline ecology, restoring biodiversity values and policies, and action for woodland and forest restoration from multidisciplinary perspectives. A further \$10.3 million cash and in-kind support will be provided by 27 collaborating organisations. Professor Giles Hardy was appointed Acting Director of the Centre.
- A groundbreaking biofuel research project, led by Professor Michael Borowitzka, received \$1.9 million from the Federal Department of Environment, Water, Heritage and the Arts to research turning saline ponds of algae into clean, affordable fuel. About 20 scientists from the University of Adelaide, Parry Nutraceuticals in India and the South China Institute of Technology partner Murdoch University in the project.
- Murdoch's Research Institute for Sustainable Energy (RISE) received over \$1 million funding under the Federal Government's Renewable Remote Power Generation Program to build a national Small Wind Turbine Test Centre. The new Centre will be the only one of its kind nationally and function as a one-stop-shop for certification, standards and training. The Centre will work with the International Energy Agency to ensure wind turbines meet safety, performance and noise requirements.

- RISE is also playing a major role in the new \$13.9 million Perth Solar City project announced in 2008 by The Hon Peter Garrett MP, Minister for the Environment, Heritage and the Arts. Part of a \$94 million national initiative, this project aims to reduce Perth's carbon emissions by 15,000 tonnes.
- A Murdoch Water Desalination Centre was established at the Rockingham Campus as a central hub for collaboration between Australian industry, universities and water utilities. The new Centre will involve researchers in chemistry, nanotechnology, environmental science, engineering, physics and thermodynamics.

Water Desalination Centre Director Professor Ric Pashley is a global leader in water science and has patented a process to extract drinking water from seawater that could potentially reduce desalination energy costs dramatically. He also has a patent pending that could solve the problem of water high in salt being returned to the sea and is commercialising his technologies.

- Murdoch University became host to the Centre for Research in Energy for Sustainable Transport (CREST) in association with Curtin University of Technology. The Centre will investigate the potential of alternative fuels and energy for a sustainable future for transport and has been established with \$2.1 million State Government funding over five years. Professor David Harries, from Murdoch's Faculty of Minerals and Energy, was appointed as CEO of the Centre.

Marine research

- In 2008 Dr Lars Bejder, Murdoch's Research Leadership Fellow and internationally recognised pioneer of whale and dolphin research, began leading the world's largest study into the impact of tourism on whales and dolphins.

In a coup for Western Australia, Dr Bejder was instrumental in attracting a four-day International Whaling Commission Scientific Committee workshop to Bunbury in March/April where the groundbreaking 10-year study was planned and designed. The study will give scientists, governments and tourism groups an understanding of developing sustainable tourism options that protect whale and dolphin populations. The results of the workshop will be presented at the International Whaling Commission gathering in Portugal in May 2009.

Dr Bejder was also appointed to the Board of the Society of Marine Mammalogy, the major international society covering marine mammal research.

The Murdoch University Cetacean Research Unit Bunbury laboratory, in partnership with Bunbury's Dolphin Discovery Centre, is undertaking a five-year study into the local dolphin population as the region undergoes intense waterfront development and experiences significant tourism growth. The study is funded by six local industry partners, an ecotour operator, local and state governments.

- A 12-year study by Murdoch Adjunct Research Associate Brad Norman and his research group, Ecocean, into the impact of tourism on Ningaloo Reef's whale shark population produced a method of non-invasively cataloguing, counting and tracking whale sharks. In collaboration with a NASA scientist and a computer programmer, Mr Norman adapted software originally developed for recognising star patterns to identify individual whale sharks. The online catalogue maintained by Ecocean enables sharks to be tracked and identified worldwide and has attracted interest from researchers working with more than 30 other species.

In 2008 Mr Norman became the first Australian to be named one of National Geographic's Emerging Explorers, a program that recognises and supports uniquely gifted and inspiring early career adventurers, scientists, photographers and storytellers making significant contributions to world knowledge.

Further research and discovery

Applied Nanotechnology Research Group

The Applied Nanotechnology Research Group has created a substance that has the potential to revolutionise joint replacement surgery. The ceramic hydroxyapatite material closely mimics the structure and composition of real bone, and when manipulated at a nano-scale can be shaped into any form including current bone implant designs.

Interactive Television Centre

Professor Duane Varan, Acting Director of the Institute for Media, Creative Arts and Information Technology, has led the development of a media and advertising research laboratory for The Walt Disney Company. The most comprehensive lab of its kind, the facility for Disney's Media Networks division in Austin, Texas, will research emotional drivers of audience behaviour and physiological reactions to advertising.

Centre for Rhizobium Studies (CRS)

CRS leads the National Rhizobium Program for 2008-2012 with more than \$2 million funding from the Grains Research and Development Corporation. In 2008 the Centre also achieved its third successful application to the US-based Joint Genome Institute to sequence three strains of mesorhizobia, making it the leading international group for sequencing rhizobia (plant root nodules).

Murdoch Business School

From 2008–2011 Murdoch Business School will supervise a Mission Australia Research Project, the Michael Project, to assess a major initiative providing homeless men with access to services to improve their health, social and economic participation and long-term independence.

Innovative research collaborations

- The Murdoch-based WA State Agricultural Biotechnology Centre received \$3.4 million to study cereal strains resistant to the devastating Russian Wheat Aphid which has invaded all major wheat growing areas in the world except Australia. The research will be led by Associate Professor Mehmet Cakir in collaboration with the CSIRO in WA, Queensland's Department of Primary Industries and Food, Department of Agriculture and Food and the South Australian Research and Development Institute. International researchers will be drawn from the US, France, Turkey, Syria, Iran, South Africa, Kenya, Ethiopia and Argentina. The Grains Research and Development Corporation is providing \$1.4 million, with \$2 million coming from national and international project collaborators.
- Working with colleagues from five nations, Professor Rudi Appels of the Centre for Comparative Genomics (CCG) successfully mapped a section of the wheat genome. This will enable researchers to quickly locate areas of the genome conferring aspects of drought tolerance, disease resistance and other grain quality attributes.
- Funded by an ARC grant, CCG researchers conducted cattle tick research with the Queensland Department of Primary Industry and Fisheries.
- Murdoch's CCG is also working to investigate one of the major risk factors causing millions of dollars in reproductive losses among beef cattle, bovine genital campylobacteriosis (venereal disease), in collaboration with the Queensland Department of Primary Industries and Fisheries, Pfizer Australia, Gribbles Veterinary Pathology and the University of Queensland.
- In a formal commitment to developing a virtual laboratory for research on wheat quality an agreement was signed between Murdoch University, CSIRO, China Academy of Agricultural Sciences (Beijing), Shandong Academy of Agricultural Sciences and Henan Academy of Agricultural Sciences. The agreement will enable the exchange of germplasm between China-Australia research laboratories and of biotechnology expertise at postgraduate student level.
- Murdoch's Chair of Parasitology Professor Andrew Thompson and Research Fellow in Parasitology Dr Andrew Smith were the only Australian scientists invited to join a World Health Organisation research program which is working to estimate the global burden of foodborne disease.
- Researchers from the WA State Agricultural Biotechnology Centre at Murdoch started to collaborate with Biotechnology Centre counterparts at Taif University, Saudi Arabia, following the signing of a Memorandum of Understanding between the two universities in October. The first collaborative projects will involve barley breeding and improvement and analysing the production, composition and metabolism of rose oils for the Saudi perfume industry.

The business of research

Murdoch's Parasitology Research Group, Murdoch-based company Epichem and Monash University's Centre for Drug Optimisation received \$3 million from the Drugs for Neglected Diseases Initiative in Geneva to fast-track development of new drugs to treat Chagas Disease, a tropical disease which kills around 50,000 people annually. The Parasitology Group is now the only centre in the southern hemisphere screening drugs against this major vector-borne disease.

Murdoch's consulting arm, MurdochLINK Pty Ltd, managed a range of research projects in 2008 with a total value of almost \$3 million, including:

- A large contract with hardware retailer Bunnings Group Limited to identify cost-effective options for reducing its greenhouse gas emissions and energy use. Through the work of RISE, Bunnings is expecting to achieve a 35 per cent reduction in its national electricity use.
- The design of Australia's first sustainable minesite village for Fortescue Metals Group.
- A project with the Association of Independent Schools of Western Australia and the Catholic Education Office of WA to provide specified analysis and reporting of the WA Literacy and Numeracy Assessment and Monitoring Standards of Education results for 2008. This project will also enable the Catholic Education Office to gain a broader understanding of the performance of children in Catholic schools in national benchmarks and State means testing in Years 3, 5, 7 and 9.
- Various research projects into control, management and eradication of dieback disease for the Department of Environment, Heritage, Water and the Arts, Iluka, Boddington Gold Mine and Perth Regional Natural Resource Management.
- Identifying significant Nyungar sites linked with natural resource management assets and recording traditional stories associated with these sites to achieve greater engagement of Aboriginal people in their protection and enhancement in conjunction with the Avon Catchment Council.
- Improving the process performance of the DiCom® Process (an organic waste treatment method) with AnaerCo.
- A post-implementation assessment of Roe 7 Highway for the Main Roads Department.

Sustainability and a greener university

Murdoch University is committed to conducting its education, research and corporate activities in a sustainable way. The University began implementing an Environmental Sustainability Program in 2008 to reduce its eco-footprint and prepare for the introduction of carbon targets and mandatory reporting in 2012. Key strategies for reducing Murdoch's carbon footprint include reducing energy consumption and increasing use of renewable energy.

Murdoch signs up for 15% GreenPower

Murdoch University became the first Australian university to sign a deal to use 15 per cent GreenPower – achieving the highest percentage use of nationally accredited renewable energy of any Australian university. This initiative will prevent at least 3,500 tonnes of carbon dioxide being released into the atmosphere annually. The University is purchasing Synergy's GreenPower sourced from windfarms in Albany and Emu Downs, and is working with Synergy to further reduce its energy usage and emissions. Energy efficient lighting is also being installed.

WA's largest solar grid contributor

By installing nearly 200 solar panels on the roof of the library, Murdoch is now the largest user of mains-connected solar power in Western Australia. With a market value of more than \$250,000 the University's 26kW array is WA's biggest grid-connected solar photovoltaic system and will generate around 130kWh of renewable energy on campus daily.

TravelSmart – greener transport options

Murdoch joined the Department of Planning and Infrastructure and Department of Environment and Conservation's TravelSmart Workplace Program in 2007 to develop its own green transport plan. Throughout 2008 Murdoch has been working towards improving sustainable transport options for students, staff and visitors.

Murdoch contributed funding for four frequent bus services between the Murdoch Bus and Train Station and the bus stops along Campus Drive. The University extensively promoted the new train and shuttle bus services and alternative transport options. Information about alternative transport options was provided, including cycling and walking paths and facilities such as showers and bike racks, a computerised car pooling system were established.

All of these initiatives have resulted in an increased use of public transport use cycling in 2008.

Sustainability education

Student and staff awareness of environmental sustainability issues was raised through numerous well-attended screenings of sustainable living and biodiversity documentaries and related seminars and workshops on-campus.

Water usage

Following a water audit on the South Street campus, a Water Efficiency Management Plan was prepared for 2009 implementation. Monitoring of bore water use for farm, sportsfields and landscaping across campus has ensured Murdoch remains below the license limit and the 33 single urinals on campus have been replaced with waterless models to further reduce scheme water use by nearly 100,000 litres per urinal each year.

Maintaining biodiversity

Management plans are being developed to protect native Carnaby's cockatoo and quenda populations on campus and work to create a wildlife corridor linking the Chelodina wetland and the banksia woodland at the South Street campus also continued in 2008. The Murdoch Environmental Restoration Group was established to provide ongoing care of the wetlands and woodlands. The University's Tuart Health Research Group was engaged to restore and maintain the health of remnant native trees in Bush Court, commencing slow-release nutrient injection trials on 38 trees which has resulted in marked improvements in tuarts and jarrahs.

Murdoch chosen to host Conservation Commission Scholarship

As testimony to the University's commitment to conservation and the environment, Murdoch was selected as the only Australian university to host the Conservation Commission Vincent Serventy Memorial Scholarship. The scholarship, which will go to an Honours student undertaking a project on environmental education for biodiversity in natural areas, honours Mr Serventy's extensive contribution to education on wildlife and environmental conservation.

Community engagement

Free talks and events

Murdoch University runs free public lectures and seminars throughout the year for the benefit of the WA community. In 2008 national and international speakers included:

- UK Baroness Professor Susan Greenfield CBE, first female Director of the Royal Institution of Great Britain, Professor of Pharmacology at the University of Oxford and Director of the Oxford Centre for the Science of the Mind, presented the 2008 Sir Walter Murdoch Lecture – '21st Century Mind'.
- Angela Davis, Professor of History of Consciousness and Feminist studies from the University of California, and once one of the FBI's 10 Most Wanted, gave the Vice Chancellors' Oration on 'Fighting Racism'.
- Murdoch's first visiting international theologian, Archbishop Michael Fitzgerald, Apostolic Nuncio to the Arab Republic of Egypt, presented a series of public lectures on topical issues of interfaith dialogue.
- Professor Malcolm Hollick presented the Keith Roby Memorial Lecture on 'The Science of Oneness, A Worldview for the 21st Century'.
- Lt General (Rtd) John Sanderson AC presented the Annual Banksia Association Lecture on 'National Security and Climate Change'; and
- Leading WA political figures Carmen Lawrence and Melissa Parke were among guest speakers on sustainability topics as part of the School of Sustainability's public lecture series in 2008.

Community interaction

In 2008 Murdoch staff and academics were involved in regular community activities, events and projects. These included:

- Murdoch's Chair of South East Asian Studies Professor David Hill and Deputy Chancellor Alison Gaines were selected for the Australia 2020 Summit in Canberra.
- Senior Education lecturer Beth Powell was Western Australia's Numeracy Ambassador for the 2008 National Literacy and Numeracy Week.
- Murdoch's Oscar-recognised film-maker, Dr Martin Mhando, directed the 12th annual Zanzibar International Film Festival.
- Media Studies senior lecturer Mia Lindgren produced a one-hour documentary on the effects of asbestos in Australia which aired on ABC Radio National in November.
- Media Studies senior lecturer Melanie Rodriga produced and directed a feature film in Perth and Margaret River, *myPastmyPresent*, a modern tale referencing the historical Grace Bussell.
- In collaboration with Curtin University, the School of Media Communication and Culture hosted an international conference on arts and media response to collective suffering.
- Public lectures, workshops, seminars and conferences were held on topics as varied as the nature of the family, sustainability and strategic ports planning in Western Australia.
- Chiropractic students travelled to South Africa, India and the Pilbara to treat both impoverished communities and elite athletes.
- Nursing students participated in a pilot program at Chettinad Hospital in Chennai, India and at a rural village clinic.
- Staff from the School of Pharmacy have provided training for Clinical Trial medical staff in Kuala Lumpur and Indonesia by contributing to Good Clinical Practice programs; and
- The School of Psychology established an on-campus remote video-connection to provide counselling to regional and rural community residents and professional development and training for colleagues in these areas.

Outreach to schools

Pulling biotech out of a box

Murdoch's biotechnology staff produced an imaginative response to the WA Government's announcement that biological sciences would become part of the high school curriculum. They developed a Biotech Box filled with science tools for WA schools, to give teachers practical aids to excite their students about DNA, gene technology, stem cells and cloning. Biotech Out of the Box will be rotated between science teachers and about 150 public and 80 private metropolitan and regional schools over the next two years.

Murdoch College student a BioGENEius

Oliver Tester, a 16-year-old Murdoch College student mentored by Murdoch University's Adjunct Associate Professor Chris Florides, won the WA International BioGENEius Challenge. Oliver developed a test to identify varieties of subterranean clover with high oestrogen levels which can cause sheep infertility using the Murdoch-based WA State Agricultural Biotechnology Centre's highly sensitive prOTOF mass spectrometer.

Oliver and Professor Florides travelled to the US for the international BioGENEius Challenge where Oliver won third place and WA's Department of Agriculture and Food is set to adopt the test.

Murdoch College is located on Murdoch University campus, has active links with Murdoch University's facilities and services and offers its students accelerated learning, including some university units.

Brand marketing and campaigns

The 'Discoverers welcome' brand theme continued as the central focus of all marketing and promotional activities including television advertising, newspaper advertising, displays, events, printed material, online activities and the transformed University website. This positioning has provided a sound foundation for Murdoch's brand to continue to stand out in the increasingly competitive higher education marketplace. Record increases in student enrolments have occurred in both years since the implementation of the new brand positioning.

Student recruitment campaigns

The Corporate Communications and Public Relations team worked closely with the Prospective Students and Admissions' Centre to develop and execute several major student recruitment campaigns and promotional events over the year. These included Murdoch University's Open Day, the seven discipline-specific Careers Evenings and the highly successful Mid-Year Intake Campaign which achieved a record undergraduate enrolment increase. New online tools were launched to help users better understand the depth and breadth of courses at Murdoch and ultimately become more engaged with the University. For the first time, recruitment campaigns were designed to drive prospective students to the website for further information and to apply online.

Continued success for 'Discoverers welcome'

The new 'Discoverers welcome' brand strategy led to better market perceptions and increased brand awareness of the University and this is evident in the many accolades received during the year.

The annual WA Business News branding survey named Murdoch University as the second most improved brand in Western Australia in 2008. Further industry recognition was achieved in October when Murdoch University won a prestigious national Australian Marketing Institute award in the category of Education and was a finalist for Brand Revitalisation. This was in addition to two state awards in the categories of Brand Revitalisation and Education. This is a significant achievement, given that the University only started its re-branding exercise two years ago.

For the second consecutive year, Murdoch University's Undergraduate Prospectus won a major publishing award, a bronze medal in the Catalogues/ Brochures category of the prestigious PICA awards (Printing Industries Craftsmanship Awards).

The new branding has helped strengthen Murdoch University's position as a respected provider of education services with well-defined key strengths. It has played a critical role in helping prospective students, the general community and the business sector gain a greater understanding of the University.

2008 graduations

Four successful local graduation ceremonies were held in the Perth Convention Exhibition Centre in 2008, showcasing a variety of talented Murdoch staff and graduands. Three honorary doctorates were awarded. Her Honour Judge Kate O'Brien received an Honorary Doctor of the University and an Honorary Doctor of Laws, William Leslie Hare received an Honorary Doctor of Science, and Peter Yates received an Honorary Doctor of the University.

The Singapore Graduation in October was held at Raffles City Convention Centre where a record number of graduands attended the ceremony.

Supporting staff and students

Building for the future

Construction activity has been very visible on campus during 2008. Major projects included:

- The world-class medical research facility which will house the Institute for Immunology and Infectious Diseases early in 2009.
- Expanding Murdoch's student housing to provide an additional 293 beds which will be occupied in early 2009.
- Planning for the construction of new pilot plant and school facilities is underway following the relocation of the School of Engineering from the Rockingham campus to the South Street Campus. These facilities will be constructed in a style similar to a micro brewery, where activities are visible to the public to stimulate interest in the activities of engineers.
- As part of the campus masterplan, Murdoch completed Discovery Way in 2008, a new road through the campus from east to west, is designed to link a bus network with the Murdoch Railway Station in an initiative to improve staff and student use of public transport.

Planning for construction projects in 2009 included a new veterinary surgery complex, sports facilities and feeder college facilities for the Murdoch Institute of Technology.

Detailed planning with the Department of Agriculture and Food WA (DAFWA) continued on the construction of new facilities for DAFWA on campus. The consolidation of DAFWA and Murdoch research activities will create a world-class agriculture and biotechnology precinct, the largest of its kind in the southern hemisphere.

Campus Master Plan

The 2004 Campus Master Plan was updated to incorporate opportunities and impacts from the surrounding Murdoch Activity Centre (MAC) initiatives, and will be released for public comment in 2009. The University is part of MAC which includes St John of God Murdoch Hospital, the new Fiona Stanley Hospital, Murdoch train station, Challenger TAFE Murdoch and the new Transport Oriented Development plans for the area surrounding the train station. MAC is planned to become a major commercial and health hub which presents many exciting opportunities for the University.

Strategic Planning

Murdoch's 2010 Program

A key component of the University's Strategic Plan 2007-2010, Murdoch's 2010 Program is designed to improve processes, administration structures and optimise the University's operational procedures. Murdoch is investing in new technologies as a key part of upgrading administration and operating performance. Implementing these technologies has been enabled by a significant upgrade to the University's computer systems during the year.

The University engaged staff in extensive consultation and information seminars throughout 2008 as part of the 2010 Program, facilitated by Deloitte project managers. Murdoch adopted a new budget model and financial management system to improve understanding of the financial drivers of university performance, accountability and benchmarking. The new system, the Strategic Resource Management Model, has been implemented to allow for open and accountable resource allocation. New technologies being implemented include:

- A data warehouse management reporting model;
- Workload management system;
- Staff performance enhancement system;
- Recruitment system; and a
- Research management system.

Functionality upgrades to student services and management systems, the finance system and human resources systems will be undertaken in 2009.

Murdoch University Endowment Fund

The Endowment Fund was created in 2007 with \$40 million from the realisation of surplus land. These funds were invested in diversified assets. While this year's difficult economic climate impacted on earnings, which have not reached expectations, capital has largely been preserved despite significant stock market and property value declines.

The Fund provided for eight new Research Institute Directors and enabled Murdoch to expand its investment in on-campus retirement village assets. The next two stages of the village, incorporating 78 villas and apartments, are underway with construction expected to be completed in late 2009. Profits from this development will be reinvested as part of the Endowment Fund.

The changing presence of Murdoch online

A user centric web strategy was created for Schools in 2008, allowing them to communicate with their users through relevant and targeted content with the ultimate goal of increasing enrolment numbers.

The University also invested in Omniture's SiteCatalyst in 2008, a key tool for measuring and understanding online user behaviour. Through advanced analytics the University can now measure the success of online strategies and tools, understand and influence user behaviour, and continue developing tools that are increasingly user-centric, which is critical to the ongoing success of Murdoch University online.

Industrial and employee relations

In 2008 the University began the structural transition from three Divisions to six Faculties. The three Executive Deans were replaced with six Faculty Deans overseeing the Faculties of Arts and Education, Creative Technologies and Media, Health Sciences, Law and Business, Minerals and Energy, and Sustainability, Environmental and Life Sciences.

The Murdoch 2010 Program has continued this work through the design of the Faculty and School offices and these areas will be transitioned in 2009.

Occupational safety and health

The University continues to work towards reducing the rate and severity of injuries through hazard identification, elimination and control of Occupational Safety and Health (OSH) risks. Improvements to claims management has also assisted to reduce the severity of claims.

The University incident rate for September 2008 to November 2008 inclusive had no lost time injuries - a significant reduction of the 2007 incident rate for the same period.

Equal employment and opportunity

Murdoch recorded improvements in several key diversity indicators in its workforce throughout the last year. The level of women at senior manager level increased to 40 per cent, with a negligible salary difference between the sexes at this level. There was also a significant increase in women employed as academics, moving from 37 per cent to 48 per cent over the year.

A new Equity and Diversity Plan is being developed to replace the previous plan. A review of procedures for dealing with allegations of discrimination and harassment has also begun. The Women in Leadership Development program continues to be popular with staff.

Stage two of the Performance Enhancement System (PES)

In 2007 the first stage of the PES was completed, giving a snapshot of data relating to the University's academic staff to allow existing teaching, research, publications and qualifications information to be verified. The second stage of PES is now underway with a system that will assist supervisors to communicate with academics about School performance indicators in relation to academic activities.

Access, equity and disability

Murdoch University's approach to providing access and support to people of varying abilities resulted in five per cent of our total domestic students in 2007 registering as having a disability. This is the highest percentage at any Western Australian university and Murdoch is proud to support these groups.

Under its current Strategic Plan, Murdoch has particularly focused on three target equity groups – Indigenous students, those with disabilities and students from refugee backgrounds. Retention of students from these backgrounds is built into Schools' performance measures.

A wide-reaching external review of Indigenous education at the University was conducted in 2007, providing significant information on national and international practice. This included governance, organisational structure, access and support of Indigenous students, Indigenous heritage, culture and traditional ownership issues. The review also examined the provision of Indigenous education for non-Indigenous students, research on Indigenous issues and research by Indigenous staff. Substantial progress has been made in implementing the review's recommendations in 2008.

The disability team case-managed more than 700 students with a recognised disability or medical condition in 2008, designing individually tailored packages of support and accommodation to ensure these students have equitable access to the University.

A Pre-Orientation Program (POP) is now run for students with disabilities to enhance their first year, first semester experience by linking them into key resources and information prior to orientation period.

The Equity Quality Assisted Learning project (EQAL) is offered to all new students with a disability to help develop specifically tailored EQAL plans. This was integrated into the University's student management systems in 2008.

Murdoch University works closely with the WA Deaf Society and in 2008 this involved:

- Co-hosting the inaugural Opening Up The Options experience, giving 12 Year 10 and 11 students a one-day university experience including information sessions, a lecture and an extensive campus tour. Feedback indicated the event was successful in showcasing the University as a viable, exciting post-school option for them.
- Creating and implementing modules for interpreting Auslan (English sign language); and
- Promoting awareness of the deaf community through the availability of Auslan competency and interpreting units.

In 2008 Murdoch implemented specific universal accessibility projects to accommodate access for staff and students with disabilities, including:

- Upgrading all lecture theatres across three campuses to enable students to access lectures online via Lectopia;
- Commencing installation of tactile indicators on footpaths and other floor surfaces at the South Street campus to indicate steps;
- Upgrading lift compliance, which includes installing Braille tactile landing buttons, automatic phone operation and placement of handrails; and
- Designing paths and roads along Discovery Way (to be opened in 2009) in accordance with Australian Standards allowing for appropriate widths and gradients for wheelchair access.

Senate as at 31 December 2008

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 Eva Skira
MBA, BA(Hons), SF Fin, FAICD, FAIM

Mr Garry Hunt PSM
BBus, DipLGov, FLGMA, FAIM

Mr Brian Aitken
NZCM

Mr Russell Gibbs
Dip T

Members Elected by the Academic Staff

Dr Marian Kemp
BEd, Med, EdD

Professor Nick Costa
BAGSc(Hons), PhD

Professor Jacqueline Phillips
BVSc(Hons) PhD

Members Elected by non-academic staff

Mr Darren Munday
BBus.

Members Elected by and from amongst the students

Mr Gerry Georgatos
BA(Phil), BA(Media).

Mr Reece Harley

Members Elected by Convocation

Ms Janice Bowra
BSc, MBA, MPH

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

Mr Paul Niardone
BA, MBA

Organisational Structure and Governance



Senate

Chancellor
Terry Budge
BEcon, FAICD, FAIBF, FAIM



Executive

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

Senate is comprised of 19 members. See list of Senate Members for the reporting period on page 13.

Sub-Committees

- Audit and 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 (Enterprise & International)
Professor Gary Martin
MEd, MACE, AITD



- Faculties
- Student Marketing and Recruitment
- Postgraduate and Professional Education
- Strategic planning and process
- International relations and regional campuses
- Regional campuses
- Educational partnerships
- Academic Planning and Course Profile
- Business and Opportunity Development

Deputy Vice Chancellor (Corporate)
Mr Ian Callahan
BCom, CA, FFIN



- Financial Services
- Commercial Services and Businesses
- Human Resources Management (EEO and OESHR)
- Information technology services
- Physical Facilities and infrastructure management
- Property Development
- Corporate communications and public relations
- Management Reporting
- Statistical Reporting

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



- Library services
- Academic policies
- Student services and support
- Quality management framework
- Staff and Organisational Development
- Teaching innovation and Educational Development

Deputy Vice Chancellor (Research)
Professor Jim Reynoldson
BSc(Hons), PhD



- Research policy
- Commercialisation of research
- Central research funds management
- Ethics management
- Innovation
- Murdoch Link
- Research management support

University Secretariat

The Secretariat team supports a wide range of University governance activities. These include meeting requirements for the 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.

The Secretariat also provides support for student appeals, disciplinary processes, University elections and governance advice to the Chancellor and other members of Senate and Senior Executive.

Every five years a review is conducted of Academic Council and in 2008 this was jointly conducted by the Senate and Academic Council. As part of the review process, changes were made to the Academic Council sub-committee structure.

Changes included the disestablishment of the Academic Policy Committee and foundation of the Learning and Teaching Committee. The Assessment Committee also disassembled and became a working party under the Learning and Teaching Committee. The Terms of Reference of Academic Council and subcommittees were also reviewed and updated.

The electronic voting system, implemented in 2006, was fully utilised by areas throughout the University in 2008, including voting for the new Faculty committees.

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

Risk management

The University's Senate is responsible for risk management policy and monitoring across the University. To assist meeting this responsibility, an Audit and Risk Management Committee was established with approved Terms of Reference.

The committee, which reports to the Senate, ensures risk management issues at Murdoch (including financial, legal, reputation and other risks) are adequately addressed.

The Senate also approved a Risk Management Policy based on the Australian Standard AS/NZS 4360, under which the Executive records strategic risks, controls, and risk rankings in a Strategic Risk Management Register. This register is submitted to Senate for approval, and the current mitigation strategies for the top three strategic risks are reported to the Committee quarterly.

The University continually monitors international standards developments and will update policy if required.

During 2008 an external consultant was engaged to review the University's risk management framework. The consultant's recommendations for developing risk management at operational levels were accepted by the Committee and implemented.

Senate also approved an Internal Audit Charter detailing the purpose, authorities and responsibilities for the Office of Internal Audit and Risk Management. The office has independent status and reports to the Committee.

The charter requires the Office to develop short and long term audit plans for Committee approval. Plans are risk-based and cross-referenced to the Strategic Risk Management Register. The Office issues audit reports, with risk-ranked recommendations, to management for action and to the Committee for information. The Office also assists management to implement risk management frameworks.

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 2008 financial year on those organisations was \$4,497,431.

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	\$1,520,906
Meerkats	
Market United	
(b) Direct Mail Organisations	\$48,456
Lasermail Pty Ltd	
(c) Media Advertising Organisations	\$2,697,370
Community Newspapers Group Ltd	
Adcorp	
Marketforce Productions	
Maxus	
Starcom	
(d) Market Research Organisations	\$230,699
Synovate	

Records management

The WA State Records Act 2000 requires the University to develop and implement strategies to ensure its employees comply with the University's Recordkeeping Plan.

All staff with recordkeeping responsibilities are expected to complete an online recordkeeping awareness training course, customised for the University's requirements. The training program is complemented by relevant resource materials such as booklets and pamphlets.

In 2008, 364 academic and general staff completed the online training course. Feedback was encouraging with 93 per cent describing the course as informative or essential to their work. Each month all new staff were enrolled in the online recordkeeping awareness training course and copies of the Guide to the State Records Act 2000 booklet were at the University's monthly staff induction sessions.

Murdoch University Foundation

Inspiring achievement and changing lives

Murdoch University has a successful 30-year history 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 University's mission.

The Foundation supports specific Murdoch programs and projects and is developing an endowment by seeking donations from the public and corporate sector. In the future, this endowment will generate profits from appropriate investment activities.

As 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 both 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 four key external voluntary members – Karen Brown, Terry Budge, Emeritus Professor Kateryna Longley and Richard Alder. Since its inception, donations and sponsorships through the Foundation have totalled more than \$5,360,000 and it has made grants to the University worth \$2,292,000.

2008 achievements

In 2008 the Foundation attracted significant donations, sponsorships and pledges for a range of projects and programs.

In total, the Murdoch University Foundation received income of \$1,756,270 with forward pledges over the next five years totalling more than \$2 million, another substantial increase over previous years.

The Genesis campaign

In 2007 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. Well-known WA philanthropists, Stan and Jean Perron, agreed to be patrons of the campaign.

Two significant gifts of \$500,000 each from The Stan Perron Charitable Trust and The McCusker Charitable Foundation were received, and The Bill and Melinda Gates Foundation provided a grant towards the research element of the project.

Murdoch University International Theologian Fundraising Campaign

Established in 2005 with an initial fundraising target of \$750,000, the Murdoch University International Theologian Campaign received \$726,010 at the end of 2008 as part of a pledged total of \$850,000. The campaign 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 largely due to the dedication of the two volunteer gift-seeking committees chaired by Michael Kiernan and Reverend Ken Williams. The first visiting theologian, the Rev Michael Fitzpatrick, visited Perth in July 2008 and presented a number of lectures and seminars to the public and interested groups.

Student prizes and scholarships

During 2008 the Foundation received \$103,550 to establish 15 new prizes and seven new scholarships worth more than \$160,000 over the next five years. Many of these prizes and scholarships were 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 Rockingham and the Peel Health Campus, each of which provided generous funding for a regional Professorial appointment over three years. The City of Rockingham renewed its commitment to this important partnership for an additional three years. The Department for Planning and Infrastructure continued support for joint funding of an Associate Professor in Community Planning to be based at Murdoch University for four years.

Alcoa of Australia also partnered with the University to fund a \$600,000 Professorial Chair in Sustainable Water Management for three years. The role will address urgent WA and national water issues including impacts of changing rainfall patterns, water capture, water reuse and recycling. An appointment to the Chair will be made in 2009.

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 130 members and in 2007 launched its first special fundraising project to support a student Honours Scholarship in perpetuity. So far \$53,000 has been raised towards a target of \$125,000. The inaugural scholarship was this year awarded to Psychology graduate Claire McArthur at the annual Vice Chancellor's Banksia Dinner.

The Chiropractic and Sports Science Development Committee

This committee was established in 2007 to raise funds towards prizes and scholarships, staff positions, equipment and community projects for the School of Chiropractic and Sports Science. So far \$565,869 has been raised, including a generous gift of \$500,000 towards the establishment of a mobile health unit to travel to the Pilbara to provide allied health services to regional and remote communities.

For the third consecutive year, generous donors provided funds of more than \$17,000 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 regional businesses to travel to communities and minesites in WA's North-West for clinical experience and to provide onsite healthcare.

Grants to the University

During 2008 the Foundation provided grants to the University for specific projects totalling \$697,000, matching the wishes of individual and corporate donors and sponsors who contributed to the Foundation during the year.

The Murdoch University Veterinary Trust

Established in 1997, the Murdoch University Veterinary Trust helps vets help animals. With support from individuals and organisations, Murdoch University Veterinary Trust supports veterinary education, groundbreaking research and quality veterinary care. The Veterinary Trust provided more than \$300,000 in additional support to the School of Veterinary and Biomedical Sciences with the help of the individuals and organisations. This includes funds for two new student scholarships, two veterinary nursing scholarships and 50 prizes rewarding veterinary excellence.

The generosity of contributors provided critical care equipment for the veterinary hospital and brought in renowned veterinarians to teach undergraduates, residents and practitioners. The funds also created a new veterinary education program in Asia and provided shelter medicine to community partners.

The Veterinary Trust also invested in new research to protect threatened native species, improve animal welfare and find a cure for canine cancer.

Murdoch University Art Collection

Established in 1974 by donations from the general public, the Murdoch University Art Collection has grown to be a nationally recognised collection, comprising works by artists of international standing, contemporary WA artists and traditional and contemporary Indigenous artists.

In 2008, the collection unveiled the University's inaugural commissioned portrait of Emeritus Professor Geoffrey Bolton AO, CitWA, by renowned Australian portraitist Mary Moore. The painting captures an intimate glimpse into Professor Bolton's extraordinary life as one of the world's most eminent historians, while also paying respect to his significant contribution to shaping Murdoch University's history and culture. The portrait was unveiled at the annual Donors' Function held in December, which was presided over by The Hon John Day MLA, Minister for Culture and Arts.

Working with industry, the collection commissioned two major reviews in 2008. Both the Indigenous and non-Indigenous collections were re-examined with emphasis on harnessing the past and driving the future through acquisitions and emerging trends.

The collection's marketing strategies were advanced considerably throughout 2008 as a result of a series of curated exhibitions which attracted community members to visit one of the three campuses which house the collection. Collaborative exhibitions with industry and high profile arts institutions were developed and showcased around the state.

The collection's Donors' Program continued in 2008. Since the launch of this program in mid-2004, the collection has received gifts and donations totalling more than \$360,000. These donations and gifts allow the collection to grow and develop its representation of artists and support acquisition strategies while maintaining the integrity of collecting quality artworks that reflect and celebrate the creative diversity of Australian visual arts practice.

In 2008 donations were received from Alan Dodge, Her Honour Judge Kate O'Brien, Alex Spremberg, Brent Harris, Robert Juniper, Rodney Glick, Chris Hill, Sohan Ariel Hayes and the Estate of the late John Francis Boyd.

As a result of these generous donations and gifts, the collection is able to enrich the teaching and learning experience of Murdoch's students, staff and community members through the integration of art into university life.

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 2009

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 2009, with a new focus on Alumni relationships and significant projects on the University's three campuses and in the community.

To learn more about current University projects or how donations can benefit the community and support the mission of the University, visit:

www.foundation.murdoch.edu.au

Foundation Donors and Sponsors for 2008

Many other donors and sponsors have supported the University, its students and the community but have chose to remain anonymous and we thank them for their support. In addition, some donors 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

Alcoa of Australia Ltd
AMGEN Australia Pty Ltd
Anthropological Society of WA
Association of Chartered Certified Accountants (AUS)
AusConnection Pte Ltd
AusIMM Perth Women's Auxiliary
Australia-Japan Society of WA Inc
Australian Biosearch WA
BHP Billiton Technology
Malcolm Bradley
Peter Brown
Challenger TAFE
Chartered Institute of Management Accountants
Chartered Secretaries Australia
Chiropractors' Association of Australia National Office
Chiropractic Osteopathic College of Australasia (COCA)
City of Rockingham
Clayton Utz
CPA Australia
Darkroom Services
Dept of Environment & Conservation
Dept of Education Employment & Workplace Relations
Dept of Treasury & Finance
DRS Medical
EGO Pharmaceuticals Pty Ltd
Environmental Protection Authority
Epichem Pty Ltd
Geoff & Lyn Field
Frontier Software Pty Ltd
Graston Technique
Laurelle Grimley
Honeywell Ltd
IEEE WA Section
iiNet Limited
Independent Metallurgical Operations
Industrial Relations Society of Western Australia
Institute of Chartered Accountants in Australia
Institute of Internal Auditors
Japan Chamber of Commerce & Industry in Perth Inc
Lake Grace Exploration Pty Ltd
Main Roads WA
Murdoch University Environmental Science Association
Murdoch University Guild
National Institute of Accountants
Nexus Wealth Management
Oceanica Consulting P/L
Robert O'Connor
Todd Pearson
Planning & Transport Research Centre
Royal Australian Chemical Institute
SGS Lakefield Orestest P/L

Julie Shuttleworth
Peter Smith
St John of God Health Care
Tenix Alliance
The Institution of Engineering & Technology
The Issa Family
The May Trust
WA Chinese Chamber of Commerce Inc
WA Mining Club
WA Sports Chiropractic Council
Wallis Cinemas
Water Corporation
West Australian Newspapers Ltd
Westinfo Services
Women's Electoral Lobby

Student Scholarships

Australasian Institute of Mining & Metallurgy (AusIMM)
Tony Chong
City of Rockingham
Coolibah Home Caring
Robert Hammond
Buh Kwong Leong
Minter Ellison Lawyers
Alan Peacocke
Peter Smith
Sorooptimist International Rockingham
The George Alexander Foundation
Thyne Reid Foundation
Town of Kwinana
Jacqueline Wharton

Institute for Immunology and Infectious Diseases

Global Institute Middle East - Dubai
McCusker Charitable Foundation
John Rigg
Dr William Rigg
The Stan Perron Charitable Foundation Ltd
Prof John & Dr Jane Yovich

Library

Margaret Jones

International Theology Campaign

Dr Nancy Ault
Pat Church
Crawley Investments Pty Ltd
Ann Cullity AM
Denis Cullity AO CMG

Carol Edwards
Barry & Prue Honey
Venn Terry McAuliffe
Elizabeth Millett & Walter King
Nancy Paton
Michael Perrott
Jean Stewart
A/Prof Rowan & Mrs Jill Strong
Trinity Uniting Church - Perth
Uniting Church in Australia Synod of Western Australia
Uniting Church in Australia Trinity Parish Church
Anne Watson
Don Werner
Judge Mary Ann Yeats

School of Chiropractic Trust Campaign

Acquolina Ristorante
Lewis Bell
Benz Industries Pty Ltd
Deborah Bolton
Aaron Bond
Lesley Bond
Lindsay Breach
Burswood Health Professionals
John Carmichael
Chiropractors' Association of Australia National Office
Corsair Cleaning Services
Coy & Yiontis Architects P/L
Cubic 8
Arno De Jong
Bernadette De Keersmaecker
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Doubleview Veterinary Hospital
Grantham St Vet Clinic
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