

08



The University of New South Wales
ANNUAL REPORT 2008



UNSW
THE UNIVERSITY OF NEW SOUTH WALES

Scientia manu et mente

Knowledge by hand and mind

The University's motto encapsulates its central philosophy of balancing the practical and the scholarly.

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REPORT OF THE COUNCIL OF THE UNIVERSITY OF NEW SOUTH WALES

For the period 1 January 2008 to 31 December 2008

In pursuance of the *Annual Reports (Statutory Bodies) Act 1984* (NSW), the Council of the University of New South Wales presents to the Honourable Verity Firth MLA, Minister for Education and Training, the following report of the proceedings of the University for the year ended 31 December 2008.



Mr David Gonski AC
Chancellor



Professor Frederick Hilmer AO
Vice-Chancellor and President

AT A GLANCE

The University of New South Wales is one of Australia's leading international universities, renowned for its research and teaching, and the quality of its graduates.

UNSW now has more than 42,000 students enrolled in a comprehensive range of undergraduate and postgraduate programs, and 5,000-plus staff working across two Sydney campuses and the Australian Defence Force Academy (UNSW@ADFA) in Canberra.

UNSW is a founding member of the prestigious Group of Eight (Go8) research-intensive universities, and one of only three Australian founding members of Universitas 21, an international alliance of premier research institutions. It is consistently ranked as one of the best universities in the Asian region and in the world's top 100. UNSW is a major recipient of competitive research grants from government and industry.

The University's aspiration, strategic objectives and guiding principles are outlined in its statement of strategic intent: *B2B Blueprint to Beyond*.

Aspiration

UNSW's aspiration is to be a leading research-intensive university in the Asia-Pacific region, focusing on contemporary and social issues through defined strengths in professional and scientific fields – a peer in good standing with the best globally.

Strategic objectives

- Be among the top three Australian universities in research performance concentrating on defined strengths
- Be the destination of choice for students with the highest potential irrespective of background
- Be a valued partner with key communities, making an impact on contemporary issues
- Improve underlying leadership and operational capabilities
- Maximise the availability of resources and the assignment of resources to priority areas

Guiding principles

- Academic freedom
- Leadership
- Innovation, initiative and creativity
- Recognition of merit and excellence
- Integrity and high ethical standards
- Equity, opportunity and diversity
- Mutual respect, collegiality and teamwork
- Professionalism, accountability and transparency
- Safety
- Sustainability
- High service standards

These values are embedded in the University's policies, processes and procedures.

MESSAGE FROM THE CHANCELLOR AND VICE-CHANCELLOR

With the higher education sector under major review, 2008 was a significant year for Australia's universities. It was also a difficult year, with the impact of the global financial crisis and a need for major injections of new capital into the system, despite some welcome increases in government funding.

UNSW in its submissions to the various reviews focused on advocating a new funding model for the sector, as well as a substantial increase in overall funding. We benefited from initiatives such as the Federal Government's Better Universities Renewal Fund as well as NSW Government and private philanthropic support for major projects. But with the outcome of the reviews and major funding announcements not due until 2009, this was a year for consolidating achievements and building on strength.

The strategic objectives set out in *B2B Blueprint to Beyond*, approved by the University Council in 2007, were once again the touchstone for our efforts relating to core activities – research, the student experience and community engagement.

We continued to improve our research performance, with funding from Federal Government research grants increasing by 14 percent on the previous year. Among these was the University's largest-ever single grant – \$17.7 million to advance understanding of HIV and hepatitis C. Also, for the second consecutive year, we achieved our best-ever performance in NHMRC grants.

UNSW established a number of new cross-faculty research centres in 2008, including the Centre for Energy Research and Policy Analysis. We received \$75 million from the Higher Education Endowment Fund towards the \$125 million cost of a carbon-neutral Energy Technologies Building, the first stage of a major new engineering precinct. Linked to this initiative is UNSW's participation as one of three core partners in the \$100 million Australian Solar Institute, due to commence operation in mid-2009.

UNSW dominated the prestigious Australian Museum Eureka Prizes with

a record six awards. Our broad range of achievement was also illustrated in the prestigious Archibald Prize for portraiture, awarded for the second year running to a COFA graduate.

It was pleasing to see UNSW judged the top university in the country under the Federal Government's 2009 Learning and Teaching Fund. The quality of our student experience was also reflected in the latest *Good Universities Guide*, where we achieved the maximum five-star rating for 10 key performance indicators.

Our objective of attracting students with the highest potential, regardless of background, was advanced in a number of ways. The Aspire Program, which encourages students from low socio-economic backgrounds to pursue higher education, began workshops with 10 local schools. There was a record intake to Nura Gili's Winter School Program, which assists Indigenous students to prepare for tertiary studies. We continued to develop flexible entry programs and offered Australia's first Supplementary Transcript, which credits graduates for extra-curricular achievements.

Community engagement continued to be a priority. Free public lectures such as our BrainFood series gave the community the opportunity to hear from leading policy makers and researchers. The important work of entities such as the Kingsford Legal Centre and the Human Rights Centre continued. New digital media initiatives also offered opportunities for the public to access talks and lectures.

UNSW's first postgraduate residence, New College Village, neared completion, and work was well underway on another major student village, due to open in 2010. Construction progressed on the new \$100 million Lowy Cancer Research Centre, the first stage of the visionary \$400 million biomedical precinct. Also under construction is the Centre for Eye Health, set to be the world's first ocular imaging centre to offer free services to the general community. The Centre is a partnership between UNSW and Guide Dogs NSW/ACT, which will contribute \$40 million to its operation.



Philanthropic donations increased in 2008. Among our many supporters, Sir William Tyree generously bequeathed \$10 million towards the new engineering precinct and \$12.5 million was raised in support of the Centre for Social Impact.

The University ended 2008 with an operating loss, reflecting the impact of the global financial crisis on our investments and superannuation obligations, as well as higher depreciation costs. We are pleased however that our underlying operating result, excluding these significant items, shows a moderate surplus broadly in line with foreshadowed results.

In the realm of governance, the productive relationship between Council and senior management continued to support strategic objectives. We worked closely together throughout 2008 to expand on the University's statement of strategic intent, *B2B*, and to more sharply define UNSW's distinctive strengths.

The achievements of the University are based on the hard work and talent of its staff and students, as well as the support of the Federal and NSW governments, the University's alumni and donors, and other supporters. We take this opportunity to thank you all for your contribution in 2008.

Mr David Gonski AC
Chancellor

Professor Frederick Hilmer AO
Vice-Chancellor and President

YEAR IN REVIEW

2008 was a year of achievements, breakthroughs and milestones for the University.

Among the highlights: recognition as the top university in Australia for learning and teaching; a record six Eureka prizes awarded to UNSW researchers; new world record in solar cell technology; the University's largest-ever single grant of \$17.7m; leading position for graduate salaries; and \$75m in funding towards construction of the Energy Technologies Building.

JANUARY

The AGSM Master of Business Administration ranked as the leading full-time MBA in Australia and among the top 40 MBAs worldwide in the UK's *Financial Times* 2008 rankings.

UNSW researchers develop inhalable insulin which could end daily injections for 800,000 Australian diabetics (below).



FEBRUARY

The University wins the largest Australian grant in its history, receiving \$17.7 million in NHMRC funding to advance understanding of HIV and hepatitis C.

UNSW establishes major research links with Asia, appointing 85 Visiting Research Fellows from leading universities and hosting the inaugural International Research Workshop.

MARCH

Sustainable architecture expert, Professor Deo Prasad of the Faculty of the Built Environment, named Chair of the United Nations Global Civil Society Forum for the Asia-Pacific region.

UNSW wins more grants than any other Australian institution in a special round of funding from the NHMRC, four of which target dementia.



College of Fine Arts alumnus Del Kathryn Barton wins the 2008 Archibald Prize for her painting *You are what is most beautiful about me, a self portrait with Kell and Arella*. It's the second year in a row a graduate from COFA has won the prize (above).

APRIL

A 25-year analysis by global research and development scrutineers Thomson Scientific puts UNSW in the top three for Australia in publications and citations, and in front for mathematics, psychiatry and psychology.



Michelle Simmons

Three UNSW professors – Brett Neilan, Michelle Simmons and Aibing Yu are named 2008 ARC Federation Fellows. UNSW was awarded more Federation Fellowships in 2008 than any other research institution.

Commerce student Gabrielle King wins Ben Lexcen Sports Scholarship, allowing her to defend her world sailing titles while continuing her academic studies.

MAY

Researchers provide Chinese authorities with detailed satellite assessments of the Sichuan region devastated by the 12 May earthquake: helping to direct rescue teams, locate dangerous "quake lakes" and predict aftershocks.

ARC awards UNSW \$11.5 million in Linkage Grants, the highest level of funding for any Australian university.

UNSW signs a Memorandum of Intent with the prestigious Shanghai Jiao Tong University to establish a Confucius Institute on campus in 2009.

Three COFA graduates – Shaun Gladwell, Claire Healy and Sean Cordeiro – selected to take part in the Venice Biennale 2009, with COFA curator Felicity Fenner.

JUNE

UNSW launches on iTunes U, Apple's worldwide outlet for digital educational content.

The University announces \$300,000 in postgraduate scholarships for Chinese students, to develop skills vital to rebuilding the earthquake-devastated Sichuan province.

COFA lecturer and renowned hologram artist, Paula Dawson, awarded \$800,000 from the Federal Government to create one of the world's largest holograms in Melbourne's Federation Square.

JULY

The Governor-General Major General Michael Jeffery launches the Centre for Social Impact at UNSW. The joint venture aims to build the capacity of Australia's not-for-profit sector.

The Faculty of Engineering launches the Centre for Implantable Bionics – a world-class research facility focused on the development of a new generation of bionic devices for the human body.

Record intake of Indigenous high school students to Nura Gili's 2008 Winter School Program, which assists Indigenous students in Years 10-12 prepare for tertiary study (below).



AUGUST

UNSW academics dominate the 2008 Australian Museum Eureka Prizes, winning an unprecedented six awards for achievements in water, climate and renewable energy research, and leadership in Australian science and engineering.

The *Good Universities Guide* awards UNSW the maximum five-star rating for 10 key performance indicators.

The Australian Learning and Teaching Council awards Citations for Outstanding Contributions to Student Learning to seven academics and one team from UNSW.

Centre for Energy Research and Policy Analysis launched. Working across seven faculties, CERPA aims to develop multiple solutions to the global challenge of reducing greenhouse gas emissions.

SEPTEMBER

UNSW Scientia Professor Martin Green named the inaugural NSW Scientist of the Year.

The Macquarie Group Foundation donates \$2 million towards an endowed chair in the UNSW-based Centre for Social Impact and \$1 million for a Chair in Financial Services.

The Federal Parliamentary Secretary for Disabilities and Children's Services, Bill Shorten, announces a new Disability Studies and Research Centre at UNSW.

The Faculty of Arts and Social Sciences launches the Journalism and Media Research Centre to tackle the rapidly changing media environment.

OCTOBER

UNSW wins its largest number ever of NHMRC project grants – the 51 successful applications attracted more than \$23 million, a 28 percent increase on 2007. The University was also awarded \$33 million in ARC grants.

Researchers develop a test to diagnose early onset dementia, relieving patients and their families of the trauma of misdiagnosis.

A team of UNSW law students becomes the first Australians to win the World Final of the Manfred Lachs Space Law Moot Court Competition in Glasgow.

Dr Rajendra Pachauri, Chairman of the Intergovernmental Panel on Climate Change, warns against a business-as-usual approach to emissions, in the 2008 Wallace Wurth Memorial Lecture.

NOVEMBER

Federal Attorney-General Robert McClelland opens the 18th Annual Regional Human Rights Defenders Program at UNSW, coinciding with the 60th anniversary of the adoption of the Universal Declaration of Human Rights.

A major UNSW project to reduce the number of patients harmed in Australia's hospitals is awarded \$8.4 million in funding from the NHMRC.

UNSW and other world-leading research institutes form a new consortium, Bionic Vision Australia, to fast-track development of a bionic eye.

The ARC Photovoltaic Centre of Excellence claims a new world record in solar cell technology, reporting the first silicon solar cell to achieve the milestone of 25 percent efficiency (below).



DECEMBER

UNSW judged the top university in Australia for learning and teaching by the Federal Government's Learning and Teaching Fund.

Then High Court judge Justice Michael Kirby launches Australia's first internet-based system offering free access to citations of Australian law.

ADFA graduate and RAAF pilot Matthew Brown awarded a Rhodes scholarship to study at Oxford University.

UNSW secures \$75 million in Federal Government funding towards the construction of a new flagship research facility, the Energy Technologies Building (below).



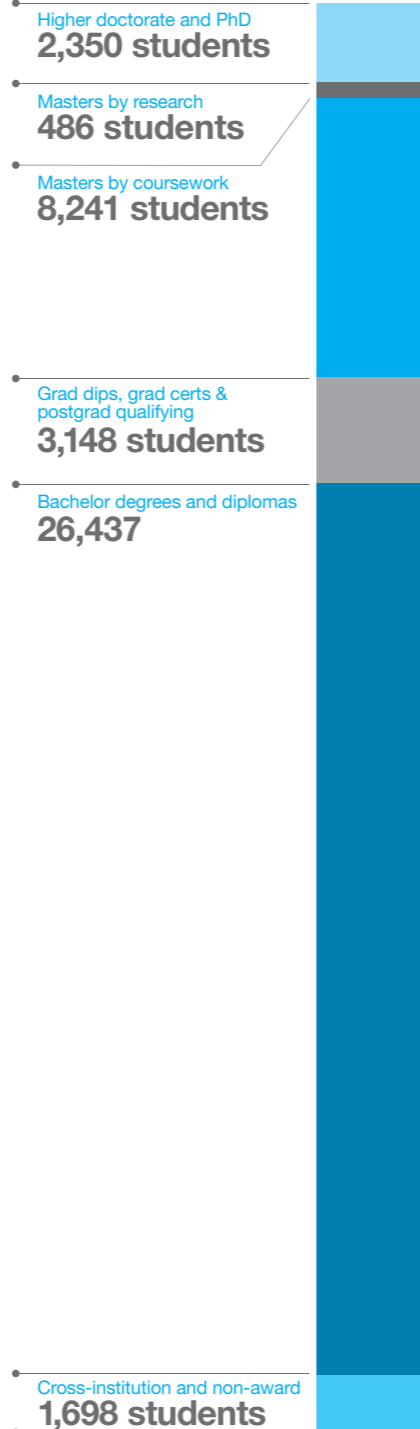
SNAPSHOT

Key statistics for 2008

200,847 total alumni (1949 – 2007)
42,360 student enrolments
28,604 student load (EFTSU)
14,331 commencing enrolments
9,271 degrees and diplomas awarded (2007)
5,276 total staff (FTE)*
54 schools
8 faculties
1 college (Australian Defence Force Academy)

*As at 31 March 2008
EFTSU – Equivalent full-time student units, FTE – Full-time equivalent

No. of students by level of program*



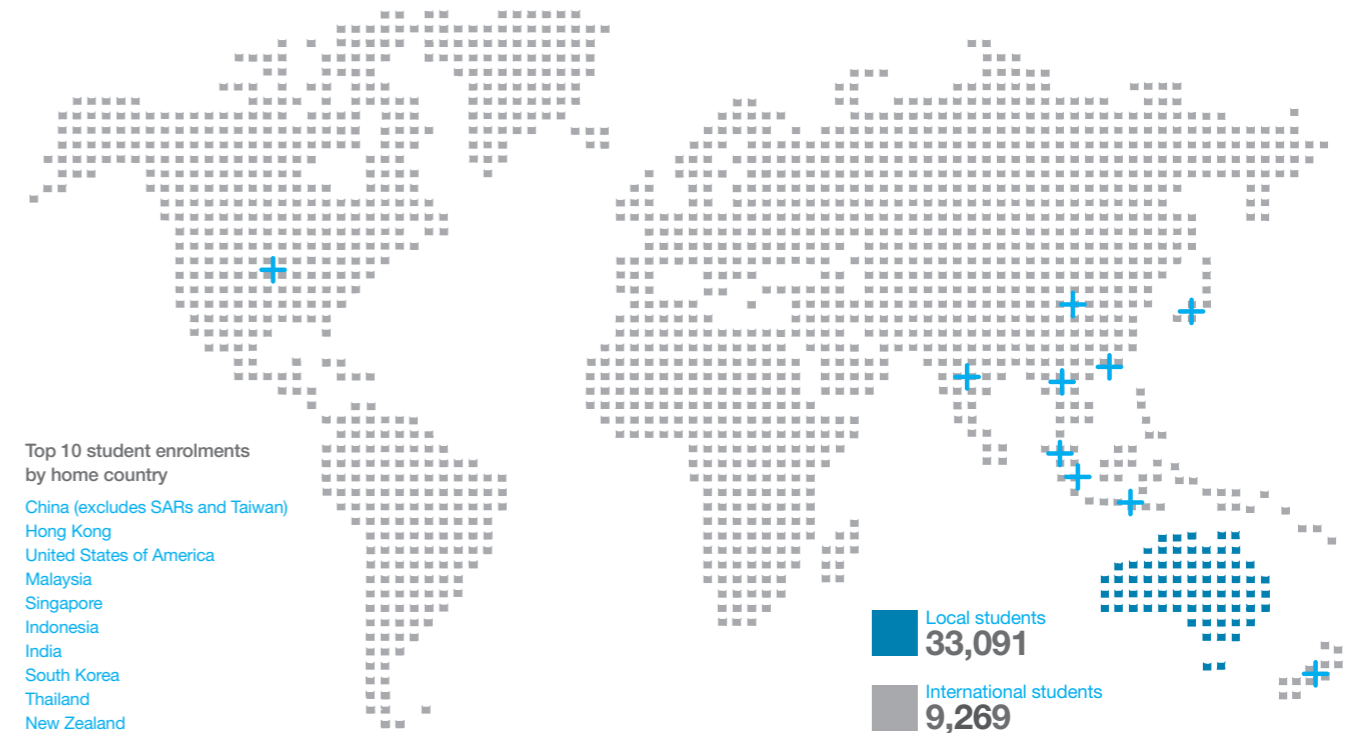
*As at 31 March 2008

2008 FINANCIAL SUMMARY

	Consolidated		University	
	2008	2007	2008	2007
	\$'000	\$'000	\$'000	\$'000
Total revenue and income ¹	1,154,476	1,012,151	1,063,534	923,064
Employee cost ²	(587,585)	(560,117)	(544,711)	(519,405)
Other expenses ¹	(430,337)	(367,830)	(398,865)	(325,919)
Depreciation and amortisation	(85,217)	(45,215)	(83,557)	(43,439)
Operating result before significant items	51,337	38,989	36,401	34,301
Impairment of assets	(92,672)	(2,172)	(68,280)	(1,663)
Superannuation actuarial (losses)/gains	(46,004)	3,737	(46,004)	3,737
UNSW Asia cost	–	(47,036)	–	(47,598)
Net result	(87,339)	(6,482)	(77,883)	(11,223)

¹ Excludes deferred government superannuation
² Excludes superannuation actuarial losses/gains

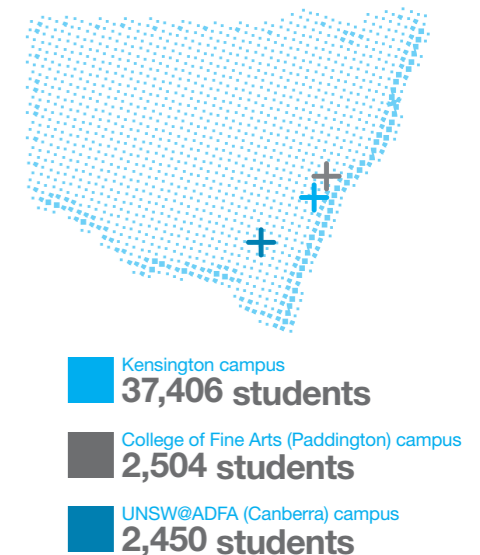
No. of students by residence status



No. of students by faculty

FACULTY	STUDENTS
Arts & Social Sciences	4,847
Built Environment	2,704
Business	10,610
College of Fine Arts	2,504
Engineering	6,832
Law	3,113
Medicine	2,968
Registrars Office	1,300
Science	5,032
ADFA	2,450

No. of students by campus



LEADERSHIP AND GOVERNANCE

Basis of authority

The University is governed by the *University of New South Wales Act 1989* (NSW), which replaced the 1968 Act. The Act was amended in 2005 subsequent to the *Commonwealth Higher Education Support Act 2003*.

In 2008, the Act was administered by the Honourable John Della Bosca MLC until September, and thereafter by the Honourable Verity Firth, Ministers for Education and Training.

Under Part 2, section 5 of the Act, the University is constituted as a body corporate with the usual powers of a body corporate. It has a seal, and it may sue and be sued in its corporate name.

Governing body

Under Part 3, sections 8 and 9 of the Act, the University Council is the governing body responsible for control and management of the affairs and concerns of the University. The Act also defines financial responsibilities and specifies matters on which statutes can be made.

Defining responsibilities

The governing body has adopted a statement of its primary responsibilities including:

- appoint and monitor the performance of the Vice-Chancellor
- approve courses, confer degrees and award diplomas and other certificates

- approve and monitor the systems of control and accountability
- oversee the University's performance
- oversee the academic activities of the University
- approve the University's mission, strategic direction, annual budget and business plan
- establish policies and procedural principles consistent with legal requirements and community expectations
- approve significant University commercial activities.

The duties of Council members are specified in schedule 2A of the *University of New South Wales Act 1989*, as amended, and section 20G of the Act provides for removal of members for breach of those duties.

UNSW Council has adopted appropriate conflict of interest procedures covered in the Code of Conduct and makes available to Council members a program of induction and professional development. This includes the provision of a Council handbook with information on the duties and responsibilities of members, and formal training programs with the Australian Institute of Company Directors.

National Governance Protocols

UNSW continues to support and comply with the National Governance Protocols introduced by the Federal Government in 2004. The information provided in the Statement of Certification as at 30 September 2007, and supporting documentation, remains current as at 31 December 2008, except for changes to the membership of the governing body.

Faculties and schools

The University is made up of faculties, which are groupings of schools according to academic disciplines, through which academic staff conduct teaching at undergraduate, postgraduate and higher degree levels, and pursue research and scholarly investigations. The University's academic organisations include eight faculties and UNSW@ADFA in Canberra.

The University also conducts teaching and research at its teaching hospitals, medical research institutes, research centres and field stations, and the National Information and Communications Technology Centre of Excellence (NICTA).

Controlled entities

Under section 15 of the Act the University has the power to conduct significant commercial activities, including setting up companies, for the benefit of the University's aims.

KEY CONTROLLED ENTITIES

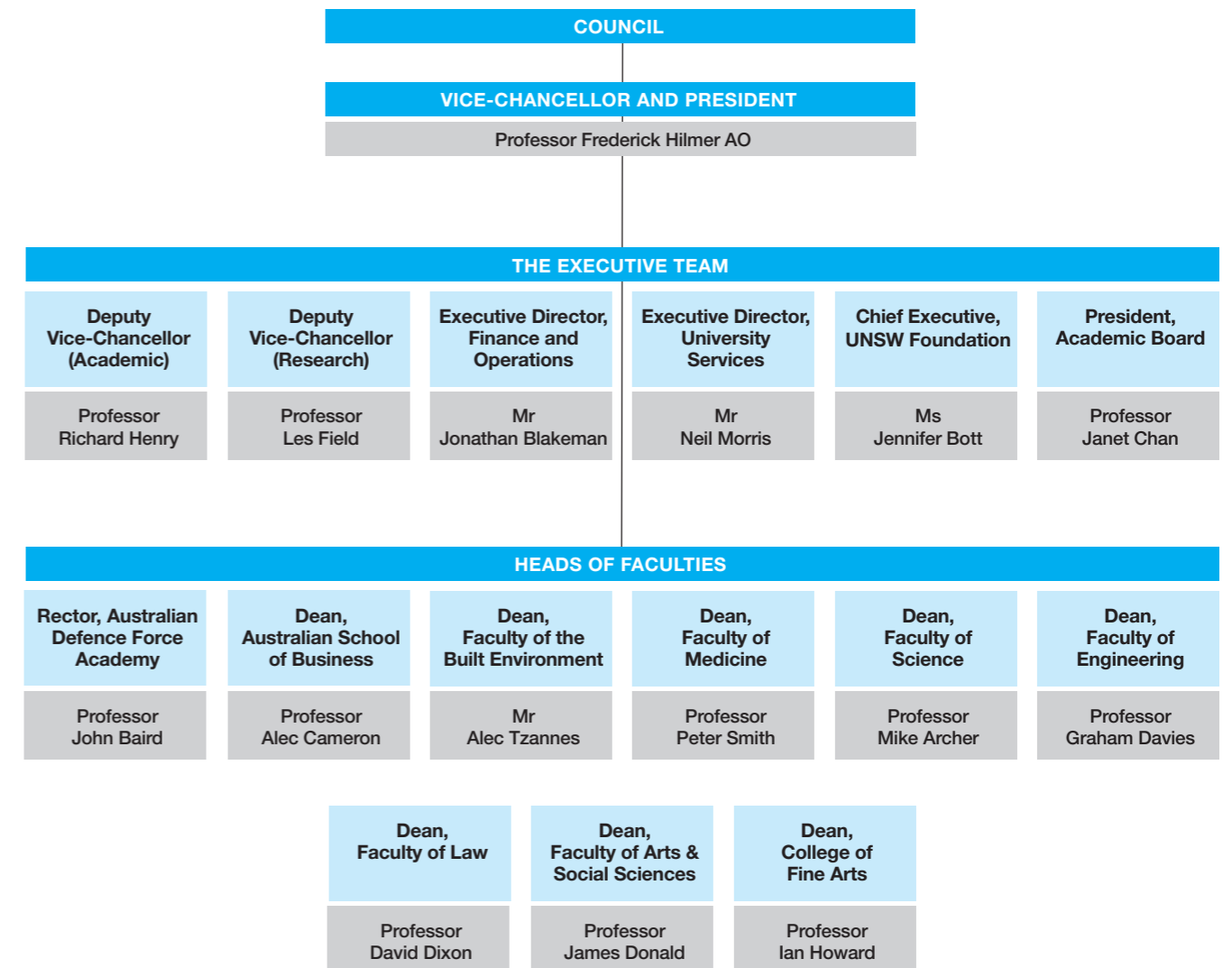
AGSM Limited
 UNSW Foundation
 UNSW Global Pty Ltd
 NewSouth Innovations
 UNSW International House
 UNSW Press Limited

Management and leadership

Organisational structure

The current organisational structure of the University is set out below.

During the course of 2008, the senior management structure was streamlined following the resignation of the Chief Operating Officer and the Chief Financial Officer. Their contributions to the University were greatly valued.



Governance

UNSW is governed by a Council representing University and community interests and led by the Chancellor. The Chief Executive Officer of the University is the Vice-Chancellor and President.

In 2008, the University's Executive Team, led by the Vice-Chancellor, comprised:

- Deputy Vice-Chancellor (Research)
- Deputy Vice-Chancellor (Academic)
- Executive Director, Finance and Operations
- Executive Director, University Services
- Chief Executive, UNSW Foundation
- President of the Academic Board (by invitation).

There are eight Faculty Deans, Rector of UNSW@ADFA, Pro-Vice-Chancellor (Research Strategy) and Dean of Graduate Research, Pro-Vice-Chancellor (Students) and Registrar, and Pro-Vice-Chancellor (UNSW International). In accordance with the approved Register of Delegations, these officers have significant delegated authority in relation to their areas.

University Council

As the University's governing body, constituted in accordance with the provisions of the *University of New South Wales Act 1989*, the Council controls and manages all the University's affairs and property and is responsible for acting on the University's behalf to promote its objectives and interests.

The Council's 22 members bring a variety of internal and external perspectives. Some are elected by staff, students or graduates. Others are appointed by the NSW Minister for Education and Training or by the Council itself. They contribute expertise in a range of areas including finance, commercial activities, law, governance and management, and planning and development, drawing on experience in

the community, government and private sectors. Council is also able to draw on additional specialised expertise through the appointment of external members to Council committees. Council and Council committee members serve the University on an entirely voluntary basis.

In 2008 the terms of office of 11 Council members ended. While several members were welcomed back for another term through election and Ministerial appointment, four new members joined Council.

Council membership

Chancellor

- Mr David Michael Gonski AC, BCom, LLB UNSW, FAICD, FCPA

Deputy Chancellor

- Ms Gabrielle Cecelia Upton, BA LLB UNSW, MBA NYU, FAICD

Official members

Vice-Chancellor and President

- Professor Frederick Hilmer AO, LLB Syd, LLM *Pennsylvania*, MBA *Wharton*

President, Academic Board

- Professor Janet Chan BSc, MSc, MA *Toronto*, PhD *Sydney*, MArt UNSW, FASSA

Appointed members

Six external members appointed by the Minister

- Mr Matthew Grounds, BCom, LLB UNSW
- Dr Wallace King AO, BE, MEngSc, Hon DSc, Hon FIEAust, CPEng, FAICD, FAIM, FAIB, FTSE
- Mr Warwick Negus, BBus UTS, MComm UNSW, ASIA, MAICD
- Mr Paul Ronald Pearce MP, MA Syd, LLB(Hons) *Lon*, MP, Member of the NSW Legislative Assembly

- The Honourable Susan Maree Ryan AO, BA Syd, MA ANU, AICD (Pro-Chancellor)

- Ms Jillian Shirley Segal AM, BA LLB UNSW, LLM *Harvard*, FAICD

Elected members

Four external members who are graduates of the University

- Dr Jennifer Alexander, MBBS(Hons) MHP MComm UNSW
- Mr Geoffrey Francis Lawson OAM, BOptom UNSW, OAA
- Dr Christine Lynette Clifton, MB BS(Hons) BHA UNSW
- Ms Gabrielle Cecelia Upton, BA LLB UNSW, MBA NYU, FAICD (Deputy Chancellor)

Four members of the academic staff of the University

- Professor Paul Compton, BSc MSc UNSW
- Professor Anthony Haynes Dooley, BSc PhD ANU
- Associate Professor Shirley Scott, BMus BA(Hons) *Qld*, MHEd UNSW, PhD *Qld*
- Professor Joseph Albert Wolfe, BSc *Qld*, BA UNSW, PhD ANU

One member of the non-academic staff of the University

- Ms Jennifer Till, BSc BA(Hons) UNSW

One undergraduate student of the University

- Mr Samuel Thorpe

One postgraduate student of the University

- Ms Robyn Goodwin, BPsych(Hons) Syd

Additional members

External members appointed by Council

- Mr Brian Long, ACA
- Mr Terry Davis

Changes to Council membership during 2008

June

The following members concluded their term of office on 30 June 2008:

- Dr Angela Barrett
- Scientia Professor Mark Bradford
- Mr Darren Challis
- Professor Wai Fong Chua
- Scientia Professor Brien Holden
- Ms Kirstin Hunter

Dr Jennifer Alexander was elected for a four (4) year term of office until 30 June 2012.

The following members were elected for a two (2) year term of office until 30 June 2010:

- Professor Paul Compton
- Professor Anthony Dooley
- Ms Robyn Goodwin
- Professor Bruce Milthorpe
- Mr Samuel Thorpe

July

- Professor Anthony Dooley concluded his term of office as President of the Academic Board on 31 July 2008.

August

- Professor Janet Chan commenced her term of office as President of the Academic Board for a two (2) year term of office until 31 July 2010.

KEY GOVERNANCE AND MANAGEMENT BODIES (DECEMBER 2008)

Body	Composition
Council (governing body)	22 members
• official members	3
• appointed members	6
• elected members	11
• additional members elected by Council	2
Vice-Chancellor and Executive Team	7 members
Academic Board	56 members
Faculties	8 units
Colleges	1 units
Central services and divisions	4 units
Schools	54 units
Research institutes	81 units

COUNCIL

Committee	Presiding Members
Finance	Mr Warwick Negus
Audit	Mr Brian Long
Risk Management	The Hon. Susan Ryan AO
Nominations & Remuneration	Chancellor
Honorary Degrees	Chancellor
Student Affairs	Professor Anthony Dooley

- Mr Brian Suttor concluded his term of office on 1 August 2008.

- Mr Brian Long was appointed for a four (4) year term of office until 1 August 2012.

October

- Professor Bruce Milthorpe resigned from his position on 31 October 2008.

November

- Associate Professor Shirley Scott was elected for a term of office until 30 June 2010.

In attendance at Council meetings but not members

- Members of the Executive Team

Secretary

- Ms Rhona Fraser, AssocDegLaw(Paralegal) SCU, CertGovPrac&Admin CSA

Academic Board

The Academic Board is the principal academic body of the University, responsible for academic standards and for formulating and recommending policy for approval and establishment by the Vice-Chancellor. The policy areas relate to the functions conferred on Academic Board under the by-laws; student academic and student conduct (including disciplinary) matters; student admission, including special admission schemes; and the award of postgraduate research degrees.

University leadership

The Vice-Chancellor is the principal executive officer of the University. He has charge of the overall direction of corporate planning, budget activities and external relations. Under the Council, he manages and supervises the administrative, financial and other activities of the University.

Executive Team

Vice-Chancellor and President

- Professor Frederick G. Hilmer AO, LLB Syd, LLM *Pennsylvania*, MBA *Wharton*

Professor Hilmer was appointed Vice-Chancellor and President on 19 June 2006. Prior to taking up this position, Professor Hilmer was Chief Executive Officer, John Fairfax Holdings Limited from 1998 to 2005. Before joining Fairfax he was Dean and Director of the Australian Graduate School of Management (AGSM).

ACADEMIC BOARD	
Committee	Presiding Members
Policy Advisory	President, Academic Board
Research	Professor Dianne Wiley
Postgraduate Coursework	Professor Brynn Hibbert
Undergraduate Studies	Associate Professor Paul Adam
Education	Professor Rakesh Kumar
Academic Services	Ms Carol Longbottom
Pre-University Education	Dr Chris Daly

Deputy Vice-Chancellor (Academic)

- Professor Richard Henry AM, MB BS *Syd*, MD DipClinEpi *N'cle NSW*, FRACP

Professor Henry joined UNSW in 1997 as the Foundation John Beveridge Professor of Paediatrics. He served as Head of the School of Paediatrics and then of the School of Women's and Children's Health before moving to the role of Senior Associate Dean in the Faculty of Medicine. He was Acting Dean of the Faculty and then undertook the role of Acting Pro-Vice-Chancellor (Education and Quality Improvement). Professor Henry has been in the role of Deputy Vice-Chancellor (Academic) since 2006.

Deputy Vice-Chancellor (Research)

- Professor Les Field BSc PhD *Syd*, FAA

Professor Field has been in the role of Deputy Vice-Chancellor (Research) since 2005. Previously he was a professor of organic chemistry at the University of Sydney where, among other roles, he was Acting Pro-Vice-Chancellor (Research). Professor Field is a Fellow of the Australian Academy of Science and the Royal Australian Chemical Institute.

President, Academic Board

- Professor Anthony Dooley, BSc PhD *ANU* (term of office ended 31 July 2008)
- Professor Janet Chan BSc MSc MA *Toronto*, PhD *Sydney*, MA *UNSW*, FASSA (term commenced 1 August 2008)

Professor Dooley was elected to the role in 2004. He is a former Deputy President of the Academic Board, Head of the Department of Pure Mathematics, Presiding Member of the Faculty of Science and Presiding Member of the Committee on Research at UNSW.

Professor Chan has held the position since 1 August 2008. She is a former Deputy President of the Academic Board, Associate Dean (Research) of the Faculty of Arts and Social Sciences and Head of the School of Social Science and Policy. She has served as a Commissioner at the NSW Law Reform Commission (2001–2005) and Panel Member of the Criminology Research Council (2002–2003).

Chief Financial Officer

- Mr Garry McLennan, BBus *UTS*, FCPA, GAICD, FFin (resigned October 2008)

Mr McLennan was appointed to the position of Chief Financial Officer in 2005 and resigned in October 2008. Prior to joining UNSW he was a Director of the Australian Banking Industry Ombudsman Ltd and served in several senior executive positions in finance, information technology and treasury with the HSBC Group in Australasia.

- Mr Stephen Rees, Acting Chief Financial Officer since October 2008.

Chief Operating Officer

- Mr Peter Graham, AssocDipBus *UWS*, PMD *HBS*, GAICD (resigned October 2008)

Mr Graham was appointed to the position of Chief Operating Officer in 2006 and resigned in October 2008. Prior to joining UNSW he was Director of Group Operations for John Fairfax Holdings Limited and a former Chief Executive of Pacific Power.

- Mr Neil Morris, Acting Chief Operating Officer since October 2008.

Chief Executive, UNSW Foundation

- Ms Jennifer Bott, BA *Syd*, DipEd *N.E.*

Ms Bott has been in the role of Chief Executive, UNSW Foundation since 2006. Prior to joining UNSW she was the Chief Executive Officer of the Australia Council for the Arts. She is a former General Manager of Musica Viva Australia and has worked extensively in the field of international intercultural education.

Other officers

- Professor Joan Cooper, Pro-Vice-Chancellor (Students) and Registrar
- Professor Margaret Harding, Pro-Vice-Chancellor (Research Strategy) and Dean of Graduate Research
- Ms Jennie Lang, Pro-Vice-Chancellor (UNSW International)

Senior management appointments

- Professor Graham Davies joined UNSW as Dean of the Faculty of Engineering in April.
- Award-winning architect Alec Tzannes was appointed as the Dean of the Faculty of the Built Environment and commenced in November.
- Mr Jonathan Blakeman was appointed Executive Director, Finance and Operations to commence in January 2009.
- Mr Neil Morris was appointed Executive Director, University Services to commence in January 2009.
- Mr Stephen Rees was appointed Director of Finance to commence in 2009.

60 years young



In 2009, the University will celebrate its 60th anniversary. It may not be a long history compared to institutions such as Oxford or Cambridge, or even some of our "sandstones" here in Australia, but it's a rich one. And by its very brevity, UNSW can lay claim to extraordinary achievement: we are one of the very few institutions of our age to be ranked among the top 50 in the world.

The journey from the University's incorporation in 1949, as the New South Wales University of Technology, has been remarkable. UNSW has grown into one of Australia's premier universities with a reputation for world-class research and teaching excellence.

The University will be holding a range of events to mark this important milestone.

RESEARCH

Achieving excellence in research in the face of complex, global challenges – and a highly competitive funding environment – demands a clear, strategic vision.

UNSW continued to improve its research performance in 2008, expanded its innovative cross-disciplinary research centres, secured funds for vital state-of-the-art infrastructure and forged new research links with Asia's best universities.



Key outcomes: At a glance

\$281m

secured in research funding, up 14 percent on 2007 (subject to final reconciliation and auditing).

Best

ever performance in NHMRC grants for the second consecutive year.

\$17.7m

UNSW's largest-ever single grant – the NCHECR program will advance understanding of HIV and hepatitis C.

16.8%

of all ARC Linkage grants in ARC's first round – the highest level of any Australian university.

More

UNSW awarded more Federation Fellowships for 2008 than any other Australian research institution.

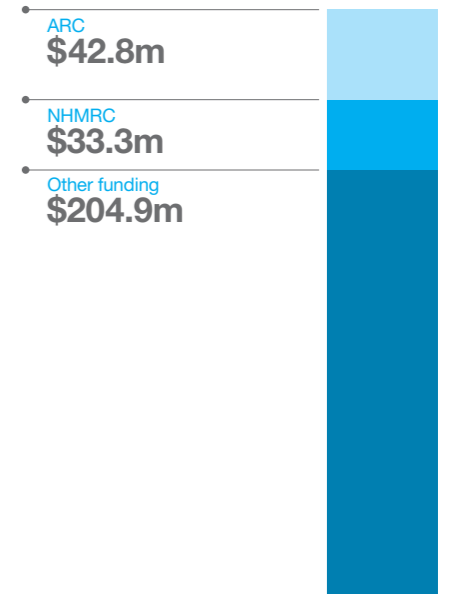
2,836

higher degree research students enrolled.

Total combined ARC & NHMRC project grant funding (2007–08)

UNIVERSITY	%CHANGE
UNSW	10.54%
Adelaide	8.82%
ANU	5.44%
Sydney	23.47%
Melbourne	8.55%
Monash	9.95%
Western Australia	1.07%
Queensland	19.06%
Go8	3.55%
Non-Go8	8.67%
Total	0.41%

Total research funding (UNSW)





Research funding

UNSW secured \$281 million in research funding in 2008*, a 14 percent increase in total funding from 2007, and a record jump in program and project grants from the National Health and Medical Research Council (NHMRC).

UNSW won the largest single grant in its history, \$17.7 million to advance the understanding of HIV and hepatitis C. Led by Professor David Cooper from the National Centre in HIV Epidemiology and Clinical Research, the project will bring world-class virologists and immunologists together with experts in translating research findings into laboratory and clinical trials.

In NHMRC grants, UNSW achieved its best-ever performance for the second consecutive year. In addition to the record HIV/hepatitis C funding, UNSW was awarded \$8.4 million to improve patient safety in hospitals, as well as \$23 million in NHMRC project grants, a 28 percent year-on-year increase – the biggest improvement within the Go8.

Other NHMRC project grants will, for example, help UNSW researchers tackle new ways to quit smoking, find the causes of overeating, reduce the risk of heart attacks and strokes, and better understand dementia.

UNSW was awarded almost 10 percent of Australian Research Council (ARC) Discovery Project grants nationwide for 2008, totalling \$27.3 million, as well as \$17.4 million in ARC Linkage grants, which bring a further \$31.5 million to the table in co-contributions from industry and other partners. In the year's first round of Linkage grants in May, UNSW won 16.8 percent of all funding, the highest level of any Australian university. Major industry contributions were put towards, for example, developing low cost solar cells, improving water recycling membranes, reducing the

environmental impact of iron-making and managing risk in insurance and superannuation. The Linkage grants highlight the diversity in cutting-edge research at UNSW and include more than \$800,000 to create one of the world's largest holograms, for exhibition in Melbourne's Federation Square.

New research centres

UNSW continued to build on the strengths of its traditional faculties by expanding academic bridges to tackle complex, contemporary issues. A record number of new specialist research centres – bringing the best minds together across faculties, across institutions and across borders – offer UNSW an unprecedented opportunity to work collaboratively to achieve globally relevant research outcomes.

- The Climate Change Research Centre – officially launched in October by Nobel Laureate, Dr Pachauri, Chairman of the Intergovernmental Panel on Climate Change. Headed by Professors Andy Pitman and Matthew England, the CCRC is one of the largest multidisciplinary research groups of its kind in Australia, with an unprecedented capacity to contribute to the climate change debate and policy outcomes at a global level.
- Working across seven faculties, the new Centre for Energy Research and Policy Analysis (CERPA) is one of the first Australian institutes to cover all aspects of energy research: from cleaner coal, to renewable energy and the markets and policies which determine Australia's energy mix. CERPA, backed by more than \$25 million annual funding, aims to develop multiple solutions to the acute global challenge of reducing greenhouse gas emissions as demand for energy rises.

- The Centre for Social Impact opened in July with the goal of driving social innovation by building the capacity of Australia's not-for-profit sector. Headed by Professor Peter Shergold, the Centre is a joint venture between UNSW, Melbourne University and Swinburne University of Technology.
- The new Centre for Sustainable Materials Research and Technology (SMaRT@UNSW) brings together researchers from the Faculties of Science, Engineering, Built Environment and ADFA to work with industry on the development of innovative, sustainable materials and manufacturing processes.
- As new media platforms explode creative possibilities and their practical applications, the Creative Media Institute brings together visual arts, social sciences, engineering and computing to consolidate creative media research at UNSW.
- The Journalism and Media Research Centre – a core centre within the Creative Media Institute – conducts public and private sector research into three key areas of the rapidly changing media and communications environment: new media audiences and business models; the social, cultural and health impacts of media consumption; and the regulation, ethics and practice of journalism.
- The Disability Studies and Research Centre links the Arts and Social Sciences and Law Faculties to consider the legal, social, mobility and medical aspects of living with a disability.

- The Centre for Implantable Bionics, located in the Graduate School of Biomedical Engineering, is a new world-class research facility focusing on implantable bionic devices for the human body. With additional funding from government, industry and philanthropists, the Centre will work towards the commercialisation of the bionic eye, refined bionic hearing devices, artificial heart technologies and electronic stimulation technology which could reverse paralysis in limbs.
- Launched in April 2008, the National Cannabis Prevention and Information Centre (NCPIC) is the first centre in the world to combine research excellence in cannabis issues and treatment with the capacity to translate findings into workforce training and community information. NCPIC is a consortium of high-profile government and community organisations, led by UNSW's National Drug and Alcohol Research Centre.

New research chairs

Efforts to boost research capacity by attracting and retaining top-quality research staff were enhanced in 2008 through the creation of new chairs and key external appointments.

Research infrastructure

UNSW secured its role as a key contributor to sustainability and energy security in Australia following the announcement of \$75 million in Federal Government funding towards a new Energy Technologies Building. The new carbon-neutral building will host CERPA and support UNSW's internationally recognised research and teaching in crucial areas such as photovoltaics, carbon capture and storage, oil and gas reservoir characteristics, nanomaterials and policy and market analysis.

KEY RESEARCH CHAIRS	RECRUITMENT
The Macquarie Group Foundation Chair, Centre for Social Impact	Professor Peter Shergold
The Macquarie Group Chair in Financial Services at the Australian School of Business	Professor Neal Stoughton
Chair of Intellectual Disability Mental Health	Associate Professor Julian Trollor
Chair in Neuro-oncology	To be announced in 2009
Paul M Trainor Chair in Biomedical Engineering	To be announced in 2009

The University also won the largest share of any Australian university in the November funding round of the Federal Government's Linkage Infrastructure, Equipment and Facilities Scheme, securing \$4.7 million for new equipment and facilities, for projects ranging from vehicle safety testing to genetic studies.

Building continued on the new \$100 million Lowy Cancer Research Centre, the first stage of the visionary \$400 million UNSW biomedical precinct, which will transform biomedical research at UNSW. Work also progressed on the Stage 2 upgrade of teaching facilities, and planning began on the Stage 3 refurbishment of the Wallace Wurth Building for Medicine and Medical Science. Planning also progressed on a new engineering precinct and the Institute of Virology at St Vincent's Hospital, Darlinghurst.

The sale of the UNSW property at Little Bay was finalised. Proceeds will be used in accordance with directives from the NSW Government to further teaching and research in medicine and biomedical sciences.

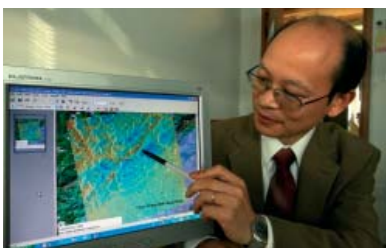
Research partnerships

Australian and international collaboration across universities and innovative, productive relationships with industry, government and private enterprise are vital to enhancing research outcomes. In 2008, UNSW continued as one of Australia's top-performing universities in attracting a range of high-profile partners.

A new partnership forged in 2008 between UNSW and other world-leading Australian research institutes will fast-track development of a bionic eye. The new consortium, Bionic Vision Australia, combines the research expertise of UNSW's Centre for Implantable Bionics and the Australian Vision Prosthesis Group, the University of Melbourne, the Bionic Ear Institute, the Centre for Eye Research Australia and the Victoria Research Laboratory of NICTA.

*subject to final reconciliation and auditing

China quake rescue



UNSW specialists generated the first ground displacement maps for the Chinese authorities following the devastating 12 May earthquake in Sichuan province. Led by Associate Professor Linlin Ge, from the School of Surveying and Spatial Information Systems in the Faculty of Engineering, the UNSW team worked around the clock to analyse satellite images, helping to direct rescue teams and locating areas at risk of aftershocks or flooding. The University's vital role was the result of a research agreement with the Chinese Academy of Sciences.

Saltwater to save crops



By harnessing salty groundwater, UNSW technology promises to save crops during drought and turn barren land into valuable, agricultural fields. UNSW chemical engineer, Associate Professor Greg Leslie, is working with the University of Sydney on an irrigation system using reverse-osmosis membranes that filter previously useless brackish water and deliver clean water to the plants' root systems. With sharp variations in rainfall forecasts due to climate change, the energy-efficient system has significant local and international applications, especially in vital food-growing regions. The technology has been patented by NSi.

UNSW also took a major step towards becoming one of the leading research universities in the Asia-Pacific region, by initiating far-reaching regional links. The inaugural International Research Workshop at UNSW's Kensington campus was marked by the appointment of 85 Visiting Research Fellows from Asia's leading universities. The Fellowships cement regional ties and formalise collaboration in key areas of science, engineering and medicine. The new international cohort from China, India, Indonesia, Japan, Malaysia, Singapore, South Korea, Taiwan, Thailand and Vietnam bring with them world-class expertise in areas such as cancer research, HIV, immunology, nanotechnology, sustainable engineering processes, renewable energy and information technology. Further international fellowships in the arts, social sciences and law are due in 2009.

In Shanghai in May, UNSW signed a Memorandum of Intent with the prestigious Shanghai Jiao Tong University to establish a Confucius Institute on the Kensington campus in 2009. UNSW boasts Australia's largest Chinese Studies program and the Confucius Institute will deliver Chinese language education for students, business people and the wider community.

An unusual new astronomical observatory was established on the highest point of the Antarctic Plateau, in a multinational collaboration including China and the US. Australia is contributing through the provision of a UNSW-built remotely operated laboratory loaded with international scientific experiments.

Singapore's Economic Development Board signed an agreement with UNSW to establish research projects and provide PhD scholarships in photovoltaics and solar technology.

UNSW researchers joined an international group of 90 experts in southern France researching how climate change will affect the world's coastlines. Recordings were taken on equipment constructed by a joint UNSW and University of Plymouth (UK) team – the single largest array of scientific instruments ever deployed in experimental coastal research.

Prizes and publications

In 2008, three new Federation Fellowships were awarded to Professors Brett Neilan, Michelle Simmons and Aibing Yu. UNSW was awarded more Federation Fellowships for 2008 than any other Australian research institute.

UNSW dominated the prestigious Australian Museum Eureka Prizes with a record six awards for research in water, climate and renewable energy, and leadership in science and engineering.

UNSW also dominated the inaugural NSW Science Awards in 2008. Pioneering UNSW solar energy researcher, Scientia Professor Martin Green, was named the inaugural NSW Scientist of the Year, and UNSW academics won three of the eight categories in the new awards.

In the Young Tall Poppy Science awards UNSW won five of the 13 prizes; also well ahead of its competitors.

Scores of other UNSW academics won major individual prizes or gained public recognition such as Scientia Professor Victor Flambaum, who was awarded the 2008 Lyle Medal by the Australian Academy of Science. Climate scientist, Professor Matthew England, won the Mercedes-Benz Australian Research Award; Professor Andrew Carr, was named one of the world's top 10 HIV/AIDS researchers; and internationally renowned expert in sustainable architecture, Professor Deo Prasad,

was named Chair of a United Nations Environmental Program forum. Dr Angela Moles won a L'Oréal Australia for Women in Science Fellowship for her vast study of 75 different ecosystems across the planet.

UNSW achieved a five percent increase in weighted academic publications, year-on-year, in the most recent statistic available (2007).

A 25-year analysis by global research and development scrutineers Thomson Scientific puts UNSW in the top three for Australia in publications and citations, and in front for mathematics, psychiatry and psychology.

UNSW Library

The Library launched the Research Impact Measurement Service which provides objective measures of research impact and comparative analyses of research across the higher education sector. The Library's research repository, UNSWorks, attracted more than 3,000 items in its first year, providing open access to UNSW research.

Commercialisation

NewSouth Innovations (NSi), UNSW's commercial arm, works with researchers and industry partners to patent and commercialise research breakthroughs.

In 2008, NSi signed a multi-million dollar deal granting two building material companies the right to commercialise a new green technology which turns industrial waste into lightweight, high-strength building materials. Under the deal, Vecor Australia Pty Ltd and Vecor Building Systems can commercialise the technology globally through a series of joint venture arrangements, and follows a successful production trial in Hebi, China.

Research training

In 2008, 2,836 higher degree research students were enrolled in Masters by research and PhD degrees at UNSW. UNSW has continued to attract strong applications from local and international students for these programs with more than 1,600 applications received in 2008. Some 500 new commencing local students and more than 300 new commencing international students enrolled during 2008.

High numbers of applications were received for the International Research Scholarships. Strong interest was maintained for Local Research Scholarships, including new Research Excellence Scholarships for University Medallists and those placed first in their Honours year.

Early career researchers

Early career researchers at UNSW participated in the new Go8 Future Research Leaders Program. Launched in 2008, the Program provides best practice training in financial management, grant administration, business planning, commercialisation and technology transfer, corporate governance, financial reporting, acquittal and audit requirements.

Graduate Research School

UNSW's Graduate Research School supports postgraduate research students and supervisors. New initiatives in 2008, the School's third year of operation, included:

- a Thesis Examination Management system
- Think Research: Study@UNSW information sessions
- a Research Showcase at the UNSW Postgraduate Expo
- travel grants to assist students present their research locally and internationally; 260 awards of up to \$3,000 for conference travel.

Solar star



UNSW rising solar energy star, Nicole Kuepper, became the state's favourite scientist in 2008, even before she'd completed her PhD. The 23-year-old student and lecturer won two Eureka Prizes for her research into low-cost photovoltaic cells – the coveted People's Choice award and the Young Leader in Environmental Issues and Climate Change prize. Ms Kuepper hopes the cells, which incorporate cheap, mass-produced components, will bring cheap, clean power to the world's poor and promote solar power as an economical alternative to fossil fuels. Ms Kuepper works with UNSW's ARC Photovoltaic Centre of Excellence which achieved the world-first milestone of 25 percent efficiency for silicon solar cells in 2008.

Resetting Earth's clock



UNSW studies of the world's most primitive living things – colonies of bacteria found on WA's coast – suggest life on Earth may have begun much earlier than the accepted date of about 3.5 billion years ago. Researchers from the Australian Centre for Astrobiology at UNSW discovered unexpected biological diversity in stromatolites at Shark Bay – a finding which may reset the start of the "clock of life".

STUDENT EXPERIENCE

In 2008, UNSW established national leadership in learning and teaching, demonstrating the link between research intensity and teaching excellence.

The University continued to pursue its aim to be the destination of choice for students with the highest potential, irrespective of background.



Key outcomes: At a glance

No.1

UNSW judged the top university in Australia for learning and teaching by the Federal Government's Learning and Teaching Fund.

5 stars

UNSW achieved a maximum five-star rating for 10 key performance indicators in the *Good Universities Guide* – one of Australia's top performers.

14,225

postgraduate students, including 2,350 PhD students.

No.1

The Australian Graduate School of Management's MBA ranked as the leading full-time program in Australia for the ninth consecutive year, in the *Financial Times* (UK) 2008 rankings. Internationally, the MBA jumped 10 places to 39th worldwide.

Best

The Faculty of Engineering ranked as the top engineering school in Australia and 27th in the world in the 2008 UK's *Times Higher Education* rankings.

Top

UNSW maintained its national lead in graduate salaries with a median starting salary of more than \$50,000 across all major disciplines for 2008.

Graduate starting salaries and employment rates

FACULTY	AVERAGE SALARY	FULL-TIME EMPLOYMENT
ADFA	\$59,400	99.7%
Arts and Social Sciences	\$49,200	79.5%
Built Environment	\$54,300	90.4%
Australian School of Business	\$89,200	91.7%
COFA	\$48,100	68.6%
Engineering	\$61,600	86.9%
Law	\$78,800	96.4%
Medicine	\$63,800	99.4%
Science	\$61,000	88.0%

Postgrad program enrolments

Higher doctorate and PhD
2,350 students

Masters by research
486 students

Masters by coursework
8,241 students

Grad diplomas, grad certificates, postgrad qualifying
3,148 students

See what I mean?



Adam Micolich has no illusions about teaching first-year physics students. The UNSW senior lecturer's own enthusiasm for the way the physical world works is palpable, but it can be a hard sell when you're trying to get complex concepts across by waving your hands around. Which is where video comes in.

Dr Micolich's students can see what he means. When he wants to explain why water expands when it freezes, for example, there's extraordinary footage of a lake freezing over in Canada. He sources or produces many of his own videos and posts them through UNSWTV for other physics lecturers to use.

In the future he sees an emerging academic role for web-based TV platforms, with visual academic archives becoming as important as libraries full of books and papers.

Student experience

In 2008, the Federal Government's Learning and Teaching Performance Fund (LTPF) assessed UNSW as the national leader.

The Fund, which rewards universities demonstrating excellence in teaching and learning with additional funding, announced UNSW will receive \$6.9 million for 2009, the largest allocation to any Australian university. Its assessment process (examining undergraduate domestic students) ranked UNSW number one for business, law and economics and for science, engineering, computing and architecture.

The *Good Universities Guide* for 2008 awarded UNSW a record 10 maximum five-star ratings for key performance indicators, describing the University as "one of the heavyweights of Australian higher education". UNSW achieved top scores in: research grants, research intensity, student/staff ratio, staff qualifications, graduate starting salary, student success in gaining employment, teaching quality, acquisition of generic skills, cultural diversity and positive graduate outcomes.

Students

Graduate outcomes

UNSW maintained its leading position for graduate salaries with a median starting salary of over \$50,000 across all major disciplines; the highest average of any Australian university (2007 Graduate Destination Survey). UNSW graduates also performed strongly in employment, with an adjusted average score of 92 percent for graduate full-time employment, and 98.4 percent for the health sector, for the 2009 LTPF funding round.

New Supplementary Transcript

In 2008, UNSW students became the first in Australia to receive a new Supplementary Transcript in addition to their academic results – officially recognising leadership activities

promoted under the UNSW banner, such as voluntary work, international exchange programs and sport.

Staying relevant

New degrees/specialisations

Undergraduate

- Bachelor of Business/Bachelor of Arts
- Bachelor of Media (Communication and Journalism)
- Bachelor of Commerce/Social Science, Bachelor of Economics/Social Science and Bachelor of Economics (Liberal Studies)
- Bachelor of Music/Bachelor of Science and Bachelor of Music/Bachelor of Science (Advanced)
- Diploma in Humanities

Postgraduate

- Masters/Graduate Diploma/Graduate Certificate in Science in Safety, Health and Environment
- Masters/Graduate Diploma in Community Eye Health
- Juris Doctor
- Master of Systems Engineering
- Masters/Graduate Diploma/Graduate Certificate in Taxation and Financial Planning
- Masters/Graduate Diploma in Human Rights Law and Policy
- Master of Journalism and Communication
- Combined Masters in Arts and Social Sciences
- Master of Business
- Doctor of Public Health in Applied Public Health
- Graduate Diploma/Graduate Certificate in Journalism and Communication
- Graduate Diploma/Graduate Certificate in Marketing

Flexible entry

Two new programs were introduced in 2008 to support high-potential students:

- HSC Plus offers up to five bonus entry points to students who excel in Australian Senior Secondary Certificate courses relevant to their preferred UNSW program.
- The Elite Athletes and Performers Program offers up to five bonus entry points and special consideration for undergraduate and postgraduate students undertaking high-level competitions or performances while studying.

Student services

Scholarships

Applications for the 300-plus UNSW scholarships and awards on offer were up 16 percent overall in 2008. The University's Scientia Scholarships, available to elite students with a UAI mark of 99.9 or higher, saw a 33 percent increase in qualified applicants. In 2008 UNSW also secured 52 Commonwealth Government scholarships to assist Indigenous students and a 20 percent increase in allocations of other Commonwealth Scholarships.

Online search and application functions for scholarships and awards were introduced in 2008, with the resulting 90 percent of applications received electronically a good indication of success.

The UNSW employment advantage

A record 119 Co-op Scholarships – linking top performing students and employers – were awarded in 2008. More than 150 of Australia's leading companies take part in professional and career development for top UNSW students, and provide \$7.3 million a year to support the scheme. In 2008 Co-op extended its coverage to 24 different programs across four UNSW faculties.

New Co-op scholarships were offered in Software Engineering and Civil Engineering, and the Faculty of the Built Environment will join the program in 2009.

The Co-op team also partnered with employers to pilot the Graduate Advantage Program (GAP) with 52 students from the Australian School of Business. GAP is a unique series of lectures, workshops and assessments, delivered by employers, to assist students in entering the workforce.

MyStart and ReStart

The newly formed department of the Pro-Vice-Chancellor (Students) and Registrar initiated an academic orientation program for commencing coursework students (MyStart) to assist with the transition to university study. Large numbers of students attended a wide range of workshops on topics such as essay and report writing, the seven habits of successful students and developing your career. Student evaluation of the program was extremely positive. A similar program (ReStart) for returning coursework students was also offered in O-Week.

Lucy Mentoring Program

UNSW Careers and Employment continued to coordinate the Lucy Mentoring Program, launched in 2007. In 2008, 40 female students studying business, finance, economics, accounting and law were linked with senior executives from numerous high-profile organisations including Deloitte, Westpac, JP Morgan and the Attorney-General's Department.

Accommodation services

Work was substantially completed on UNSW's first postgraduate residence, the 300-student New College Village on Anzac Parade. The purpose-built residence was due to open officially in 2009.

Health matters



A record intake of Indigenous medical students for 2008 will help address the national shortage of Aboriginal and Torres Strait Islander doctors. Eight Indigenous students enrolled in first-year medicine, the highest number ever.

There are now 19 Indigenous students across UNSW's six-year medical program, supported by a medical entry program run in conjunction with the University's Nura Gili Programs Centre.

"Given that Indigenous health in Australia is at such an appalling level, the most important step we can take is to increase the number of Indigenous doctors who are able to work with communities," said the Centre's director Associate Professor Sue Green.

NO.	STUDENT DIVERSITY AT UNSW
24,399	Speak English at home
17,961	Speak a language other than English (LOTE) at home
11,277	Local LOTE students
6,684	International LOTE students
1,014	Students identifying themselves as having a disability
178	Aboriginal and Torres Strait Islander students

A major new student accommodation village – the 1,018-bed High Street Housing development – is on target for completion prior to Semester 1, 2010. The project is financed and operated by Campus Living Villages Pty Limited.

Student groups

Arc@UNSW

The University's voluntary student organisation, Arc@UNSW, dominated 2008's national campus union awards. Its four winning initiatives – more than any other university – were: Best Student Development Program for the "Yellow Shirt" volunteer guides who help new students adjust to university life, Best Refurbishment for the Postgrad Lounge, Best Community Outreach Program, and a travel award to visit Asian student organisations.

UNSW Sport and Recreation

The merger of the UNSW Sports Association with the UNSW Lifestyle Centre (Unigym) was completed in 2008. Both are now under the banner of UNSW Sport and Recreation, providing improved support and facilities for a range of activities. UNSW's elite sporting talent was honoured at the 2008 Ben Lexcen Sports Scholarship launch and the 55th Annual Blues Awards Dinner; 22 scholarships were presented.

Student equity and diversity

The Student Equity and Disabilities Unit (SEADU) developed several important initiatives including:

- The ASPIRE program: a broad-based schools outreach program aimed at raising the educational aspirations of students from low socioeconomic backgrounds. ASPIRE was piloted in five Sydney High Schools targeting Years 8 to 11.
- The ALLY program: a network of trained staff who offer support to students who identify as lesbian, gay, bisexual or transsexual.

The Unit reports annually to the Department of Education, Employment and Workplace Relations on the range of student equity initiatives undertaken across the University as part of the Educational Assessment Framework. A full report can be found at www.studentequity.unsw.edu.au.

Indigenous support

The Nura Gili Indigenous Programs Centre at UNSW provides pathways to learning opportunities that embrace Indigenous knowledge, culture and histories. Achievements and developments in 2008 included:

- UNSW's Indigenous Winter School, a tertiary preparation program for high school students, won the University Indigenous Education Partnerships Award. The School's success translated into a significant increase in applications for the Nura Gili Access Scheme and pre-programs offered in law, medicine, business and social work.
- The inaugural UNSW Indigenous Showcase Days.
- Increased mainstream student enrolments across courses in Aboriginal and Torres Strait Islander studies.

Global links

UNSW is one of Australia's leading international universities, reflected in a 4.1 percent increase in international enrolments for 2008, links to 200-plus sister universities around the world, and the inaugural International Research Workshop (see Research section).

- UNSW launched a special Masters scholarship program for recent graduates from Sichuan University following the devastating earthquake; providing \$500,000 for tuition fees and living expenses and \$50,000 for English courses.

- The UNSW Vietnam office, in Ho Chi Minh City, was officially opened in June.
- UNSW signed 23 new agreements with a range of leading universities in China, India, Indonesia, Japan, Malaysia, Vietnam, Papua New Guinea, Taiwan, Canada, Italy, The Netherlands, UK, Bulgaria and the United States.
- Phase One of the Global Education initiative was rolled out with the appointment of a Project Director to survey undergraduate students and to incorporate international study and work options into undergraduate programs at UNSW.
- UNSW received high-level delegations from Senior Ministers, Ambassadors and Government Departments from India, Pakistan, Indonesia, Switzerland, Malaysia, Nepal, Taiwan, Vietnam, Hong Kong and China.

Teaching

National honours

UNSW was recognised for excellence in teaching and learning in 2008, through the Federal Government's LTPF and the Australian Learning and Teaching Council's citations for Outstanding Contributions to Student Learning:

- Associate Professor Linda Corkery, Ann Quinlan, Ben Roche and Karin Watson, Faculty of the Built Environment
- Dr Julie Cogin, Australian School of Business
- Dr Sue Starfield, The Learning Centre
- Dr Wallace Bridge, Faculty of Science
- Dr Warren F Smith, UNSW@ADFA
- Associate Professor Barbara Junghans, Faculty of Science
- Associate Professor Robert Zehner, Faculty of the Built Environment
- Associate Professor Stephen Yeomans, UNSW@ADFA

Vice-Chancellor's Awards for Teaching Excellence

These awards recognise and encourage sustained excellence in teaching and postgraduate research supervision. The winners in 2008 were:

General Category

- Associate Professor Mario Attard, School of Civil and Environmental Engineering
- Mr Peter Brown, School of Mathematics and Statistics
- Dr Carmel Flaskas, School of Social Sciences and International Studies
- Dr Mohammed Razzaque, School of Marketing
- Dr Carl Reidsema, School of Mechanical and Environmental Engineering
- Mr Alex Steel, School of Law

Postgraduate Research Supervision

- Professor Justin Gooding, School of Chemistry
- Professor Fiona Stapleton, School of Optometry and Vision Science

Sessional Teaching

- Mr Dean Utian, School of the Built Environment
- Mr Bernard Gan, School of Organisation and Management

Student stories

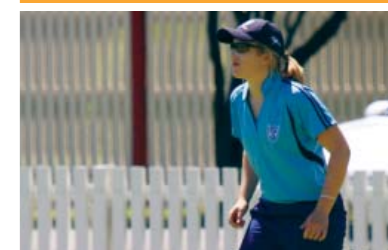
UNSW students won a slew of Australian and international academic accolades, honours and awards in 2008, and proved that study can be successfully combined with the pursuit of excellence in fields like sport and music.

- University medallist Shaun Yow (Actuarial Studies) won the General Sir John Monash Award, which will allow him to undertake a PhD at Massachusetts Institute of Technology.
- UNSW won two of only six Australian fellowships offered by the Goldman Sachs Global Leaders Program.

International studies student, Grace Mathew, and arts/law student, Tanvir Uddin, will travel to New York in 2009 to join 50 other winners from around the world.

- Three COFA students were selected to take part in the Venice Biennale, the world's most prestigious art event, along with COFA curator, Felicity Fenner.
- A team of AGSM MBA students won the Asia-Pacific region Google Online Marketing Challenge, competing against 8,500 students from 47 countries.
- Student teams from FBE's Architecture Program dominated the World Sustainable Buildings Congress 08 student competition; filling all finalists spots and with two UNSW teams tying for first place. FBE industrial design student, Alicia Mintzes, won the Silver Award in the Australian Design Awards – Dyson Student Award.
- Adrian Bonanni was awarded Young Planner of the Year by the Planning Institute of Australia (NSW).
- Final-year architecture/law student, Sonya Redman, won first place in the 2008 Berkley Essay Competition.
- UNSW law students won the 2008 World Final of the Manfred Lachs Space Law Moot Court competition, and placed second in the prestigious Jessup International Law Moot Court competition.
- UNSW students prevailed in two of the world's most gruelling endurance challenges. Master of Commerce student, Justin Jones, made the first successful crossing of the Tasman in a sea kayak, spending 62 days at sea. In May, medical student, Nikki Bart, and her mother, Cheryl Bart, became the first mother and daughter team to scale Mount Everest.
- In sailing, Ben Lexcen scholar, Gabrielle King, won the 2008 Women's Laser Radial Youth World Championships and the Volvo Sailing ISAF Youth World Championship.

Big hitter



Sara Hungerford has managed to combine a passion for medicine with her sporting talents. The fifth-year student is a member of the NSW Breakers squad and last year captained the NSW 2nd XI team to victory in the Cricket Australia Cup. She is assisted by a Ben Lexcen Sports Scholarship for elite athletes, which provides \$5,000 worth of financial and personal support and a mentoring program to maintain flexibility between study and sporting commitments.

The scholarship, created in 1988, was the first Australian university sports scholarship scheme and has since helped hundreds of high achievers.

High flyer



University medallist RAAF Flying Officer Matthew Brown won a Rhodes scholarship to study at Oxford University. Matt, who completed his Bachelor of Engineering in aeronautical engineering with first class honours at UNSW's Australian Defence Force Academy, was one of only nine Australians selected in 2008.

He plans to study international relations, a field he says is "highly relevant" to his role as an officer in the Australian Defence Force.

COMMUNITY ENGAGEMENT

The University has a proud tradition of adding value beyond the classroom.

By opening its doors for public lectures, forums, expos, concerts and performances – and by partnering with communities, locally and around the world – UNSW ensures knowledge, debate and research outcomes resonate far beyond its campus gates.

In 2008 the University continued to build strong relationships with a wide range of stakeholders, including alumni, industry, government and community groups. Links with schools were expanded, building ties with the next generation of prospective students.

Key outcomes: At a glance

32

alumni recognised in the 2008 Australia Day Queen's Birthday Honours lists for their services to the community in a wide range of fields.

10

postgraduate scholarships for Chinese students to develop skills vital to rebuilding the earthquake-devastated Sichuan province.

\$12.5m

in funds raised for the Centre for Social Impact, matching the government contribution.

+22%

In 2008 the Foundation saw an increase in the number of donors from 1,125 in 2007 to 1,374 in 2008, up by 22 percent.

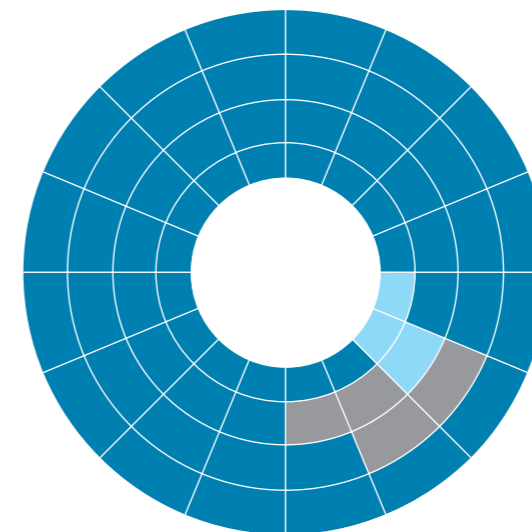
61%

of total donors are University alumni.

\$6.6m

in AusAID funding awarded to improve the effectiveness of health sector aid in the Asia-Pacific region.

UNSW Foundation donations



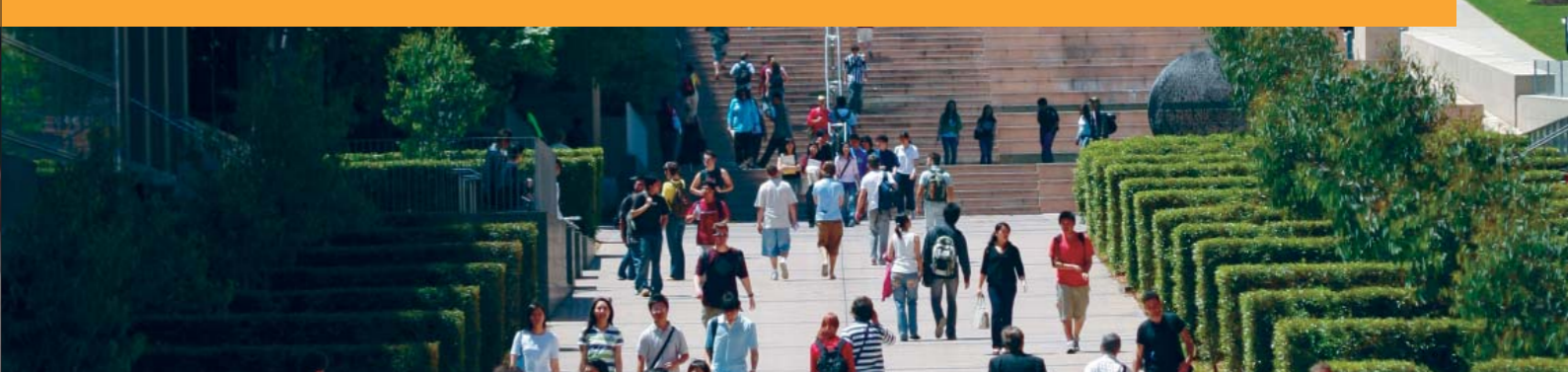
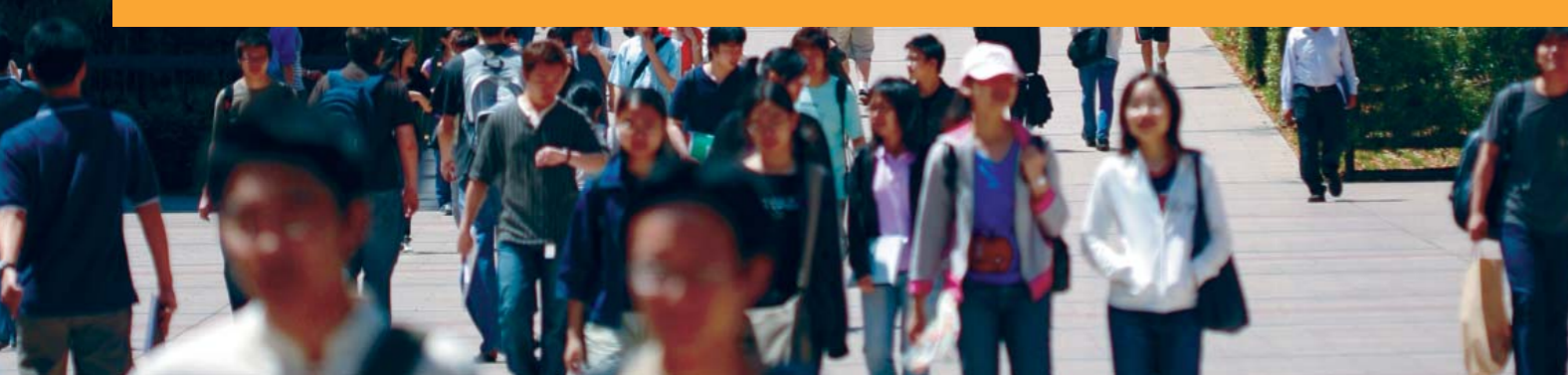
External donors
\$11,100,000

Internal donors
\$800,000

Additional UNSW donations not directed through the Foundation
\$592,000

Total donations

YEAR	DONATIONS
2008	\$11.9m
2007	\$10.7m
2006	\$5.6m



BrainFood



BrainFood is a free public lecture series presented by UNSW and the Alumni Association.

In 2008, BrainFood featured HIV research in "A Future Free of HIV: the Scientific and Social Implications of making it happen". The event moderator was Justice Michael Kirby. Speakers included: Professor Daniel Tarantola, Associate Professor Juliet Richters and Professor David Cooper, Director of the National Centre for HIV Epidemiology and Clinical Research.

BrainFood Series 2 featured high-profile speakers including Dr Neville Roach, Chairman Emeritus of the Australia-India Business Council, on the birth of the Indian Premier League's 20/20 cricket competition and Australia-India relations.

Hitting the high notes



The Australia Ensemble@UNSW was awarded for best performance of an Australian composition at the 2008 Classical Music Awards.

The group is widely recognised as the country's finest chamber music ensemble and runs a free concert and workshop series as well as its subscription season.

Community outreach

UNSW's community engagement projects cover a broad range of areas. 2008 highlights included:

- The high-profile celebrations of the 60th anniversary of the Universal Declaration of Human Rights – led by Family Court justice and human rights activist Elizabeth Evatt and leading UK jurist Lord Bingham – highlighted UNSW's longstanding commitment to social justice.
- In health, UNSW helped to tackle the shortage of country doctors with the opening of a state-of-the-art Rural Clinical School at Port Macquarie.
- UNSW continued to promote good community health through its Hall of Health and Museum of Human Disease, which attracted a record number of visitors in 2008, up 30 percent on 2007.
- The Australasian Legal Information Institute (AustLI) – a joint venture between UNSW and UTS – used the internet to greatly expand public access to legal information.
- UNSW's Kingsford Legal Centre took on more clients in 2008, particularly from Indigenous communities. The Centre offers free legal advice, referrals and ongoing legal assistance.
- The University expanded its Football United program, which assists recently arrived refugee youth and their families make the transition into Australian society through soccer.
- Stephen Sewell, one of Australia's most celebrated contemporary playwrights, was named as the 2008–2009 UNSW Literary Fellow. The Fellowship, valued at \$12,000, is funded by the University's volunteer U Committee and awarded every two years.

School to university

Close to 9,000 prospective students came to UNSW for the annual Info Day in January 2008. In May UNSW hosted two Year 10 Subject Selection Evenings, which attracted 1,000 students and a Courses and Careers Day was held in September.

Network Schools

UNSW also developed a pilot program aimed at attracting the best and brightest high school leavers. The 2008 pilot involved eight Sydney high schools and feedback was used to develop the Network Schools Program. The initiative will be launched in 2009, expanding coverage to 50 invited schools.

ASPIRE

More than 400 students from lower socioeconomic backgrounds were assisted in 2008 through the ASPIRE program. The program works with 10 partner high schools to coordinate a range of on-campus and school activities which encourage students to aspire to a university education. Following ASPIRE's University Taster Day in December, 72 percent of participants said they would definitely apply to university and 28 percent said they might apply. In addition to Federal Government funding, the program is supported by a \$113,000 grant received from the Citi Foundation in December 2008.

Alumni and development

UNSW Foundation

In 2008 the UNSW Foundation, the University's philanthropic fundraising arm, celebrated its 20th anniversary. The Foundation works closely with faculties, divisions and associated organisations to support the University's community engagement outcomes.

The UNSW Foundation's goals in 2008 continued to be on funds creation, business and community partnerships, strengthening alumni engagement, good governance and effective management of funds under its control. Supported by the Foundation, the University established a project to centralise donated and sponsorship funds to facilitate donor stewardship, improve reporting and increase accountability and fund probity. UNSW Chancellor David Gonski, as Chair of the Foundation, continued to lead the Board in pursuit of these goals, supported by the Foundation's executive team: Jennifer Bott, Chief Executive; Sue Donnelly, Director; and Stergitsa Zamagias, Director, Alumni Relations.

The Foundation ended 2008 with consolidated equity of \$60.6 million. Around \$47 million is held in endowment distributions from which a wide range of activities is supported including research, chairs, scholarships and prizes. This assists the University to attract and support the best students from Australia and overseas, as well as build on a strong reputation for research and teaching excellence.

In 2008 the Foundation saw an increase in numbers of donors from 1,125 in 2007 to 1,374 in 2008 up by 22 percent. Individual donors continued to give generously throughout 2008. Among our many supporters Sir William Tyree pledged \$1 million and generously bequeathed \$10 million to support the new engineering precinct.

To date, the Foundation has raised \$9 million in funds in support of the Centre for Social Impact to match the government contribution and this fund continues to grow. These pledges and commitments to CSI include: Mr Robin Crawford, \$1million; the Gonski Foundation, \$1 million; Mr Warwick Negus, \$1 million; the Petre Foundation, \$1million; AMP, \$1 million; Macquarie Group Foundation, \$2 million; National Australia Bank, \$1 million; and PricewaterhouseCoopers, \$1 million.

Leadership gifts such as the Lowy family's gift for the Lowy Cancer Research Centre enable UNSW to pursue its ambitious capital development plan to improve the University's research and teaching facilities. A bequest of \$680,000 from the Estate of the Late Sarah Ellen Lomasney supported a Chair in Irish Studies Endowment and the Estate of the Late Ludmila Mala gave \$500,000 to the UNSW Medicine Cancer Research Fund. Michael Crouch gave a generous pledge of \$2 million for a Chair in Innovation and Entrepreneurship and St John of God Health Care pledged \$969,857 for the St John of God Health Care Chair in Perinatal & Women's Mental Health.

In total, the Foundation reported \$11.9 million in donations in 2008 – an increase of \$1.2 million on 2007. Additional donations of \$592,000 were received by UNSW, which were not directed through the Foundation. Of this total, 632 new donors to the University contributed \$7.3 million, reflecting the Foundation's commitment to cultivate new relationships in support of the University's work.

Alumni engagement

The UNSW Foundation alumni relations office works closely with faculties and associated organisations on alumni matters. It also provides financial and administrative support to the UNSW Alumni Association, which facilitates links between the University and its graduate community of more than 200,000 alumni worldwide. In 2008, international receptions and events were held in London (hosted by the Vice-Chancellor), New York (hosted by the Chancellor) and San Francisco. In Australia receptions and events were held in Sydney, Melbourne, Brisbane and Canberra.

Highlights in 2008 included:

- UNSW Alumni Awards, recognising excellence in alumni achievement.
- Alumni Graduated Awards, recognising the contribution and achievements of final-year students.

Generating social innovation



The Centre for Social Impact (CSI) has an important mission: to educate tomorrow's social entrepreneurs and strengthen today's social enterprises.

CSI is committed to socially responsible business management, and its outstanding teaching and tailored research draws on the depth of talent in its three founding partners – UNSW, the University of Melbourne and Swinburne University of Technology. In 2008 CSI received a total of \$12.5 million in pledged gifts from individuals, corporate and institutional supporters.

Nura Gili



In 2008 UBS continued its investment (\$1 million over four years) to support the programs for Indigenous students run by UNSW's Nura Gili Programs Centre.

UBS also became a founding partner of Nura Gili and committed to lending business expertise through student mentoring and material assistance to the Centre's staff. This is the largest corporate donation ever given to Nura Gili. The UBS support will be particularly focused on the Indigenous Winter School, which will be expanded to grow beyond 150 places in 2009.

The Winter School is a residential pre-University program that assists Indigenous students in Years 10–12 in preparing for tertiary study.

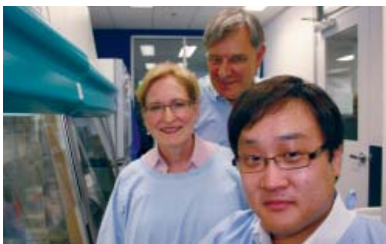
The Balnaves Foundation Indigenous medical scholarships



The Balnaves Foundation is a private philanthropic organisation established in 2006 by Neil Balnaves to provide support to charitable enterprises across Australia.

In 2008, the Balnaves Foundation agreed to fund three Indigenous medical scholarships at UNSW as well as a prize and award in Indigenous health. The total value of support to UNSW is more than \$510,000 for six years.

The Oncology Children's Foundation



The Oncology Children's Foundation (OCF) is a not-for-profit children's charity dedicated to finding a cure for sick and critically ill children suffering from cancer, leukaemia and other serious cancer-related illnesses.

The OCF supports the work of Professor Peter Gunning and his team at UNSW with their Drug Discovery Program and is a major supporter to UNSW's Faculty of Medicine, donating in excess of \$900,000 per annum.

- Alumni Association Scholarships were again awarded to support undergraduate students who are children and grandchildren of UNSW alumni in their early years of study. The value of the scholarship will increase to a minimum of \$5,000 in 2009.
- BrainFood lecture series designed to showcase research at UNSW.
- Faculty-based events included the Life Long Learning Program and Meet the CEO series hosted by the Australian School of Business.
- Australia Day and Queen's Birthday Honours were received by 32 alumni.

UNSW FOUNDATION BOARD OF DIRECTORS

Responsible persons and executive officers of the UNSW Foundation Limited in 2008:

- Mr David GONSKI AC (Chairman)
- Mr Richard ALCOCK
- Mr Robert BARRY
- Mr Anthony BERG AM
- Mr Alex BOYARSKY
- Mr Daniel GAUCHAT
- Dr Catherine HARRIS AO PSM
- Prof Frederick HILMER AO
- Dr Wal KING AO
- Mr Ken MAHER
- Ms Christine McNAMEE LIDDY AO
- Dr Peter Edward MASON AM
- Mr Nicholas MOORE
- Mr Bruce MORGAN
- Mr Warwick NEGUS (Chair, Finance Committee)
- Mr Simon POIDEVIN OAM
- Mr Julian REYNOLDS
- Dr Colin SUTTON
- Sir Alfred William TYREE OBE
- Mr Albert Yue Ling WONG

Ms Jennifer BOTT (Chief Executive)

Ms Stergitsa ZAMAGIAS (Company Secretary)

Public forums and conferences

Public lectures, conferences and forums hosted by UNSW included:

- The 2008 Wallace Wurth Memorial Lecture delivered by Dr Rajendra Pachauri, Chairman of the Intergovernmental Panel on Climate Change.
- The UNSW Global Leaders lecture delivered by the grandson of Nelson Mandela and head of the Mvezo Traditional Council, Mandla Mandela.
- The UNSW Law Society Speakers' Forum featured the High Court's Justice Michael Kirby, in one of his last public speeches before retiring.
- World expert on democracy, the University of Westminster's Professor John Keane, delivered a public lecture, "Monitoring Democracy".
- The director of the Australian Nuclear Science and Technology Organisation, Dr Ziggy Switkowski, launched the "At the Edge" public lecture series with a presentation on "Nuclear Power: The choice we have to make".
- The Faculty of Arts and Social Sciences "So, What?" public lecture series highlighted the Faculty's expanding interests and influence.

International outreach

UNSW's international initiatives bring the benefits of community engagement to the world. Some highlights in 2008 included:

- UNSW researchers were awarded \$6.6 million by Australia's aid agency, AusAID, for a strategic partnership to improve the quality and effectiveness of health sector aid in the Asia-Pacific region. Researchers from the School of Public Health and Community Medicine were selected to establish a "knowledge hub" in Human Resources for Health.

- UNSW research on risks for refugee women and children was launched by the United Nations High Commission of Refugees (UNHCR) and will be used to protect vulnerable groups from human rights abuses in the world's refugee camps.
- UNSW played a role in responding to the year's worst natural disasters, providing expert analysis to quake rescue teams in Sichuan province in China (see Research section) and scholarships to enhance skills for rebuilding.
- The National Drug and Alcohol Research Centre (NDARC) expanded international outreach in 2008 by providing training to staff at detention centres in Laos and Cambodia and to staff at NGOs in the Greater Mekong Region.
- Following the terrorist attack on Mumbai in November, a team from UNSW's Injury Risk Management Research Centre were invited to Mumbai to advise on risk and safety issues.

UNSW Global

UNSW Global Pty Limited is a market leader in the provision of education, training and consulting services. UNSW Global is a not-for-profit and wholly owned enterprise of the University with approximately 250 full-time staff and an annual turnover in excess of \$80 million. Dr Rob Forage was appointed as Chief Executive Officer in October 2008.

UNSW Global comprises a number of business groups and has managerial oversight of UNSW offshore offices in Hong Kong, India, Singapore, Thailand and Vietnam. A new office was opened in Ho Chi Minh City as a prelude to a new offshore training centre. The company also manages various offshore initiatives including the Hong Kong-based recruitment company, Australian Education Consultancy Limited.

In 2008, UNSW Global achieved a record net surplus and an overall revenue growth of nine percent. UNSW Global was able to declare an \$8 million dividend to the University from its retained earnings and reserves.

Major achievements in 2008 for UNSW Global's main services included:

- **UNSW Foundation Studies:** 2008 saw the completion of the first year of operation of Australia's leading uni-prep program at Nanjing Foreign Language High School in Jiangsu Province, People's Republic of China.
- **UNSW Institute of Languages:** The Institute achieved record student enrolments in 2008, up 51 percent on 2007. Stage 1 of a teaching technology upgrade was completed.
- **UNSW Study Abroad:** Study Abroad posted a record year of enrolments for international students including a large European contingent.
- **UNSW Consulting and Expert Opinion Services:** The consulting division implemented more than 1,600 contracts for a wide range of projects. The expert opinion service received some 1,200 inquiries from law firms and insurance companies.
- **Educational Assessment Australia:** An online Australian secondary schools financial literacy testing program was delivered on behalf of the Commonwealth Bank Foundation. A new online Early Literacy and Numeracy Assessment was successfully trialled in a number of Australian schools.
- **Learn4Life:** Learn4Life continued to provide a range of business and workplace training courses in 2008. A series of very successful CSI: SYDNEY courses in Forensics and Cyber Crime investigation were delivered on campus to high school students.

Media and communications

In 2008, UNSW launched on iTunes U, Apple's worldwide outlet for digital educational content. UNSW senior lecturer, Richard Buckland, became a global favourite when he notched up hundreds of thousands of downloads of his computer science lecture series. UNSWTV, the University's online TV station, recorded half a million views and content was picked up in Australia and internationally. It featured on ABC1, ABC2, Channel 10, Reuters TV, the global satellite channels of Phoenix TV, among others, and on news websites such as smh.com and news.com.

The Office of Media and Communications continued to inform the community of key research breakthroughs and other UNSW achievements and events through publications such as *Research@UNSW* and *Uniken*, and through extensive links with the media. The Office maintains a media experts database.

Concerts and exhibitions

The University is host to the Australia Ensemble@UNSW, widely recognised as this country's finest chamber music ensemble. The ensemble runs a free concert and workshop series as well as its subscription season. The College of Fine Arts and the School of English Media and Performing Arts are other active performers and exhibitors.

CAPABILITIES AND RESOURCES

The University recorded significant achievements in 2008 across the operations and finance portfolios.

UNSW embedded key business plans and programs to boost staff development and academic performance and promotion. The major campus redevelopment effort continued, incorporating extensive capital works and initiatives to boost environmental sustainability.



Artist's impression: lahznimmo + Wilson Architects

Key outcomes: At a glance

\$75m

awarded by the Federal Government towards construction of the Energy Technologies Building – the first phase of UNSW's engineering precinct.

\$1.2b

Total consolidated revenue and income for 2008 (excludes deferred govt. superannuation).

1,018

students will be accommodated in a major campus village currently under construction on High Street.

14

women academics returning from maternity leave in 2008 were each provided with a grant of up to \$10,000 to restart their careers.

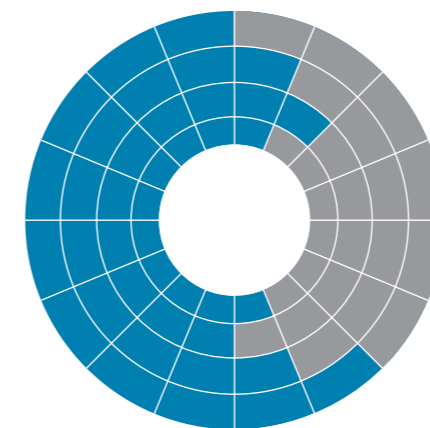
-5%

Electricity use across campus was down five percent on 2007 levels.

1,700

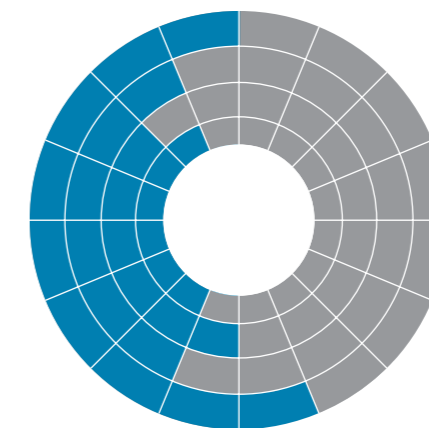
tonnes of greenhouse gas a year will be saved by the new gas-fired cogeneration unit to be installed in the Lowy Cancer Research Centre.

University staff 2008



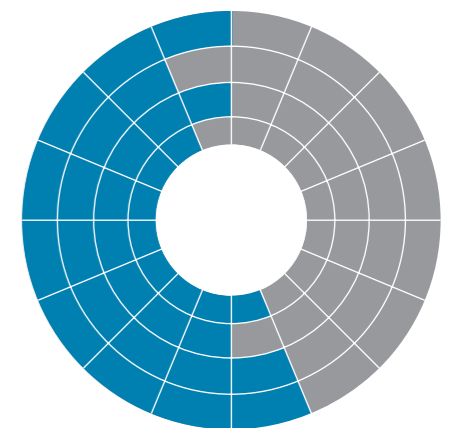
2,497 Academic staff
FTE (Full-time equivalent)

Male 1,581 Female 916



2,779 Technical and professional staff
FTE (Full-time equivalent)

Male 1,159 Female 1,620



5,276 Total staff
FTE (Full-time equivalent)

Male 2,740 Female 2,536

More childcare places



Staff now have access to more places at three UNSW childcare centres following a 2008 review into parents' needs on campus.

For the first time in 15 years, the University increased its available infant places with the opening of the 10-place "Comets" room at Kanga's House. Honeypot and Tigger's Place centres will be expanded to accommodate a further 40 to 60 children by the end of 2009.

A new online application and waiting-list service was also introduced to allow parents to update their information more easily and track their place on waiting lists.

University staff

Human resources

The Human Resources department continued to support UNSW in achieving its goals. It implemented a performance development framework for professional and technical staff, leadership programs for heads of school, academic women and high-potential senior managers, a review of OH&S systems and processes, and made significant progress in implementing a centralised childcare model.

Staff development

A range of development opportunities for University staff was provided in 2008 and leadership development continued for high-priority academic groups. For the first time, an accelerated leadership development program was offered for 20 UNSW managers in collaboration with the Australian Graduate School of Management.

A range of courses to meet legal, governance and compliance responsibilities, such as EEO Online, legal, HR and safety and emergency training, was also offered throughout the year.

Academic performance and management

The academic performance management framework was implemented in a majority of faculties and a performance development framework for levels 1–9 professional and technical staff was designed in consultation with a broad cross-section of University staff. This will be implemented in 2009.

Academic promotions

The University continues to record a successful rate of promotion across all academic levels, particularly for academic women at the level of senior lecturer, associate professor and professor. Seventeen information and development workshops were delivered ahead of each promotion round.

Employee relations

Strategic advice was provided to assist faculties, schools and divisions planning and implementing restructures. Some of those assisted included ADFA, Facilities Management, Finance and Law. Other developments included a new enterprise agreement covering English-language teachers employed by UNSW Global Pty Limited.

Safety at work

Following a successful OH&S audit in July 2007, the University embarked on a strategic review of OH&S during 2008. A firm of risk management consultants, Noel Arnold & Associates, was engaged to review OH&S systems and assist in developing a framework to embed safety within organisational thinking and processes. A report presented to senior management in October 2008 identified a number of areas for improvement. Key recommendations from the report will be implemented in 2009.

UNSW achieved a better-than-target result for 2008 of less than six lost-time injuries per million employee hours worked.

Workplace diversity

The UNSW Women's Employment Strategy 2008–2010 was released in May 2008. It introduced the Chief Executive Women's CEO Kit for Attracting & Retaining Female Talent to assist the University in making a greater impact on the representation of women at all levels.

University-wide programs and initiatives for women include Academic Women in Leadership; Academic Promotion Workshops; the Vice-Chancellor's Child Care Support Fund for Women Researchers; and Early Career Researchers. Other initiatives have been the improved provision of work-based childcare and flexible work arrangements, as well as faculty-based programs under the Gender Equity Initiative Project.

The VC's Child Care Support Fund for Women Researchers also assisted 11 academics to meet added childcare expenses when presenting papers at prestigious international and national conferences. The Career Advancement Fund for Women Researchers Returning from Maternity Leave provided 14 academics with a grant of up to \$10,000 to restart their careers.

The University continues to support diversity initiatives such as the Workplace English Program for staff whose first language is not English. Total participant numbers in 2008 were 157, compared to 85 in 2007.

The Equal Opportunity for Women in the Workplace Agency (EOWA) recognised the University for the fourth consecutive year with an Employer of Choice for Women award.

The Reasonable Adjustment Guidelines for Managers of Staff and Potential Staff with Disabilities gives assistance to managers responsible for providing a workplace that allows employees with disabilities to contribute as full members of a work team. The University contributed \$16,647 towards workplace adjustments in 2008.

The Assistance Fund for Conferences/Special Studies Program for Academic Staff Members with Disabilities contributed more than \$25,000 in 2008 towards meeting additional travel expenses associated with the presentation of papers at prestigious international and national conferences.

Environmental sustainability

Energy and water

UNSW is committed to reducing energy and water use. Electricity use in 2008 was down approximately five percent on 2007 levels. Gas use was down a more modest two percent but this is a good result given that gas is increasingly used to displace less efficient, more carbon-intensive electric hot water heating.

Water consumption was also down by two percent. These reductions were achieved despite an increase in the student population and higher water and energy demands.

UNSW's current energy and water saving initiatives include:

- The "Green Lab" program, which was rolled out across the Faculty of Science. The program trains staff in environmental compliance and conducts audits. Following evaluation it will be introduced in other lab-intensive faculties and chemical-using areas in 2009.
- An onsite compost facility has been established and will begin operating in 2009. The UNSW Landcare revegetation/carbon offset program began at the University's property at Wellington in conjunction with FATE (Future of Australia's Threatened Ecosystems) biodiversity conservation programs.

- The Environmental Achievement and Leadership awards were expanded to include the recognition of initiatives by colleges and retail food outlets, plus operational environmental achievement/leadership.
- The Computer Reuse Program collected more than 100 computers for schools and community groups.

- Greenhouse emissions from waste were down by 64 percent from the previous year due to waste management arrangements with GRL at Eastern Creek. Greenhouse emissions from the vehicle fleet's fuel consumption were reduced by 17 percent.

Green cleaning

UNSW is converting to green cleaning under its new Facilities Management cleaning contracts.

Carpool initiative

myUNSW Carpools was developed in response to a survey which showed that up to 75 percent of vehicles entering the campus were single-occupant vehicles. The online service will be launched at O-Week in 2009.

Campus development

Lowy Cancer Research Centre

The Lowy Centre is a \$100 million development which is the first stage of the major revitalisation of the biomedical precinct estimated to cost more than \$400 million. The Centre will house the research operations of the Children's Cancer Institute Australia (CCIA) and the adult cancer research activities of UNSW's Faculty of Medicine.

The building will comprise eight levels, with six above the ground and two below. It is located inside Gate 9 on High Street, adjacent to the Wallace Wurth School of Medicine. Construction began on 1 November 2007 and is scheduled for completion in November 2009.

During 2008 Deputy Premier Carmel Tebbutt visited UNSW to announce grants including \$500,000 for the installation of a gas-fired cogeneration unit for the building. The unit will contribute to the Centre's peak-period electricity needs while heat from the generator engine will be captured and used for airconditioning and water heating. The cogeneration plant will save 1,700 tonnes of greenhouse gas a year and reduce the Lowy Cancer Research Centre's peak power demand by 770 kilowatts.

Wallace Wurth refurbishment

UNSW commenced refurbishment of the teaching areas of the Wallace Wurth Building in late 2008. This is the second stage of the major revitalisation of the biomedical precinct.

The refurbishment will increase the capacity of the building for teaching and student study space. It will link with the connected Lowy Centre currently under construction. Work on the refurbishment started in 2008 and will be completed in 2011. The project is being funded from part of the proceeds of the sale of the University's Little Bay site and through fundraising.

Institute for Virology at St Vincent's Hospital

On 25 June 2008 the NSW Premier announced a \$20 million grant for this project, to be matched by an additional \$20 million from the Commonwealth. UNSW is pursuing further funding opportunities to initiate this Institute. A project steering committee has been formed and further planning activities are underway.

Engineering precinct

UNSW's Engineering Master Plan was presented to the UNSW Council in July 2008. It is expected to take 10–12 years and cost more than \$500 million.

The Commonwealth announced a \$75 million grant from the Higher Education Endowment Fund (HEEF) in December 2008 for UNSW's Energy Technologies Building. It is the first phase of the engineering precinct and will house the Centre of Excellence in Advanced Silicon Photovoltaics and Photonics and UNSW's node of the Centre of Excellence in Functional Nanomaterials. The building will commence construction in early 2010 and be completed in early 2012.

High Street Housing

On 31 January 2008, UNSW Village Pty Limited took possession of the High Street Housing site to build a 1,018-bed student accommodation village. The project, financed and operated by Campus Living Villages Pty Limited, is on target for completion for occupation prior to Semester 1, 2010.

New College Postgraduate Village

The New College Postgraduate Village project will be the first residential facility primarily for postgraduate students at UNSW and is the first of its type in Australia. It is financed and operated by New College Postgraduate Village, a charitable company established by the nearby Anglican residential college, New College. The facilities are on track for occupancy in early 2009 and will comprise 319 beds, 172 studio apartments, and five- and six-bed shared accommodation.

Student spaces projects

With funding from the Commonwealth's Better Universities Renewal Fund (BURF) the University is creating more informal study areas for undergraduate students throughout the campus. This includes 284 seats at the Australian School of Business, 120 seats at the Morven Brown Building, 724 seats in the Library and another 80 seats in the Mathews Student Lounge.

Food Science and Technology consolidation

The School of Food Science and Technology will be consolidated into the Chemical Sciences Building by Session 1, 2009. The project provides new and improved space for research and allows for the demolition of the old Food Science and Technology buildings.

Climate Change Research Centre

UNSW's new multidisciplinary initiative in climate change research aims to become the leading national institution in the field. Level 4 of the Mathews Building's west wing was refurbished and in October 2008 the Centre was formally opened. By mid-2009 it is expected the Centre will accommodate approximately 12 academic staff, 16 post-doctoral research fellows, two general staff and 36 PhD/Honours students.

Statutory reporting

Privacy

UNSW maintains a general policy of openness regarding the information it holds subject to the *Freedom of Information Act 1989* (NSW), and the privacy rights of individuals set out in the *Privacy and Personal Information Protection Act 1998* (NSW), the *Health Records and Information Privacy Act 2002* (NSW) and the *Privacy Act 1988*

(Cth). Where applicable, the privacy principles embodied in the legislation are being incorporated into policy, guidelines, procedural documents and practices at UNSW. The University's Privacy Management Plan is under review. During 2008, no internal reviews were completed under Part 5 of the NSW legislation.

Freedom of Information (FOI)

At six-monthly intervals a Summary of Affairs identifying policy documents and the contact details for requesting access to the University's documents is published in the *Government Gazette*.

The number of applications for access to documents received by the University in 2008 represented a decline from the unprecedented level of 2007. Eighteen new applications were received, three were brought forward from 2007, and one internal review was conducted. Additional resources continued to be directed towards the management of FOI applications. Approximately half of all applications dealt with were generated by a single applicant. For further information see the FOI Statistical Summary 2008 in the Appendix.

Statement of Affairs

The University's Statement of Affairs is incorporated in the 2008 Annual Report on the following pages:

- the structure and functions of the University (pages 8 and 9)
- how the University's functions affect members of the public (throughout the report)
- how the public may participate in the University's policy development (pages 10 and 11)
- the kinds of documents the University holds (page 37)
- how members of the public may access and amend the University's documents (pages 36 and 37).

Documents

Documents held by the University include: student and staff records; files on administrative matters; records of bodies with a role in University governance; archived records or papers of University academic units, members of the University, student organisations, sports clubs and other organisations associated with the University; policy documents; administrative and procedural manuals; University calendars and handbooks; strategic plans; reports including Annual Reports, statistical reports and financial reports; course materials prepared for sale to students; prospectuses, brochures and guides for students; internal and external newsletters and magazines.

Material freely available from the University's website includes non-confidential agendas and minutes of governance bodies, policy documents and online student handbooks. Prospectuses, brochures and guides for students are normally available free of charge. The University calendar is available for purchase at the University Bookshop. The University will meet reasonable requests for access to information without the need for an application under the *Freedom of Information Act*. There will be no charge for information given outside the provisions of the Act, except for documents which are available for sale to the public and for photocopying charges at 20 cents per page.

Information relating to access to information under FOI may be found on the UNSW website.

Energy powerhouse



UNSW has ensured its role as a key contributor to creating a sustainable energy future, winning \$75 million towards construction of a new flagship research facility, the Energy Technologies Building.

The new building will support the University's internationally recognised expertise in key energy areas including photovoltaics, carbon capture and storage, nanomaterials and policy and market analysis. It will also provide a formal learning space for 300 engineering students.

Construction is expected to be completed by early 2012. The funding was allocated through the Federal Government's Education Investment Fund.

APPENDIX

FOI Statistical Summary 2008



SECTION A – NEW FOI APPLICATIONS

How many FOI applications were received, discontinued or completed?	Number of FOI applications					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
A1 New	6	9	30	9	36	18
A2 Brought forward	1	0	2	3	3	3
A3 Total to be processed	7	9	32	12	39	21
A4 Completed	7	9	26	11	33	20
A5 Discontinued	0	0	2	0	2	0
A6 Total processed	7	9	28	11	35	20
A7 Unfinished (carried forward)	0	0	3	1	3	1

SECTION B – DISCONTINUED APPLICATIONS

Why were FOI applications discontinued?	Number of discontinued applications					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
B1 Request transferred out to another agency (s.20)	0	0	0	0	0	0
B2 Applicant withdrew request	0	0	1	0	1	0
B3 Applicant failed to pay advance deposit (s.22)	0	0	1	0	1	0
B4 Applicant failed to amend a request that would have been an unreasonable diversion of resources to complete (s.25(1)(a1))	0	0	0	0	0	0
B5 Total discontinued	0	0	2	0	2	0

SECTION C – COMPLETED APPLICATIONS

What happened to completed FOI applications?	Number of completed FOI applications					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
C1 Granted or otherwise available in full	0	3	4	3	4	6
C2 Granted or otherwise available in part	6	4	6	4	12	8
C3 Refused	1	0	13	3	14	3
C4 No documents held	0	2	3	1	3	3
C5 Total completed	7	9	26	11	33	20

SECTION D – APPLICATIONS GRANTED OR OTHERWISE AVAILABLE IN FULL						
How were the documents made available to the applicant?	Number of FOI applications (granted or otherwise available in full)					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
All documents requested were:						
D1 Provided to the applicant	0	3	3	3	3	6
D2 Provided to the applicant's medical practitioner	0	0	0	0	0	0
D3 Available for inspection	0	0	0	0	0	0
D4 Available for purchase	0	0	0	0	0	0
D5 Library material	0	0	0	0	0	0
D6 Subject to deferred access	0	0	1	0	1	0
D7 Available by a combination of any of the reasons listed in D1-D6 above	0	0	0	0	0	0
D8 Total granted or otherwise available in full	0	3	4	3	4	6

SECTION E – APPLICATIONS GRANTED OR OTHERWISE AVAILABLE IN PART						
How were the documents made available to the applicant?	Number of FOI applications (granted or otherwise available in part)					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
All documents made available were:						
E1 Provided to the applicant	6	4	6	4	12	8
E2 Provided to the applicant's medical practitioner	0	0	0	0	0	0
E3 Available for inspection	0	0	0	1	0	1
E4 Available for purchase	0	0	0	0	0	0
E5 Library material	0	0	0	0	0	0
E6 Subject to deferred access	0	0	0	0	0	0
E7 Available by a combination of any of the reasons listed in E1-E6 above	0	0	0	0	0	0
E8 Total granted or otherwise available in part	6	4	6	5	12	9

SECTION F – REFUSED FOI APPLICATIONS						
Why was access to the documents refused?	Number of refused FOI applications					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
F1 Exempt	1	0	7	4	8	4
F2 Deemed refused	0	0	6	0	6	0
F3 Total refused	1	0	13	4	14	4

SECTION G – EXEMPT DOCUMENTS						
Why were the documents classified as exempt? (identify one reason only)	Number of FOI applications (refused or access granted or otherwise available in part only)					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
Restricted documents:						
G1 Cabinet documents (Clause 1)	0	0	0	0	0	0
G2 Executive Council documents (Clause 2)	0	0	0	0	0	0
G3 Documents affecting law enforcement and public safety (Clause 4)	0	0	0	0	0	0
G4 Documents affecting counter-terrorism measures (Clause 4A)	0	0	0	0	0	0
Documents requiring consultation:						
G5 Documents affecting intergovernmental relations (Clause 5)	0	0	0	0	0	0
G6 Documents affecting personal affairs (Clause 6)	6	1	1	2	7	3
G7 Documents affecting business affairs (Clause 7)	0	1	4	2	4	3
G8 Documents affecting the conduct of research (Clause 8)	0	0	0	0	0	0
Documents otherwise exempt:						
G9 Schedule 2 exempt agency	0	0	0	1	0	1
G10 Documents containing information confidential to Olympic Committees (Clause 22)	0	0	0	0	0	0
G11 Documents relating to threatened species, Aboriginal objects or Aboriginal places (Clause 23)	0	0	0	0	0	0
G12 Documents relating to threatened species conservation (Clause 24)	0	0	0	0	0	0
G13 Plans of management containing information of Aboriginal significance (Clause 25)	0	0	0	0	0	0
G14 Private documents in public library collections (Clause 19)	0	0	0	0	0	0
G15 Documents relating to judicial functions (Clause 11)	0	0	0	0	0	0
G16 Documents subject to contempt (Clause 17)	0	0	0	0	0	0
G17 Documents arising out of companies and securities legislation (Clause 18)	0	0	0	0	0	0
G18 Exempt documents under interstate FOI legislation (Clause 21)	0	0	0	0	0	0
G19 Documents subject to legal professional privilege (Clause 10)	0	0	6	0	6	0
G20 Documents containing confidential material (Clause 13)	0	1	2	1	2	2
G21 Documents subject to secrecy provisions (Clause 12)	0	0	0	0	0	0
G22 Documents affecting the economy of the State (Clause 14)	0	0	0	0	0	0
G23 Documents affecting financial or property interests of the State or an agency (Clause 15)	0	0	0	0	0	0
G24 Documents concerning operations of agencies (Clause 16)	0	1	0	0	0	1
G25 Internal working documents (Clause 9)	0	0	0	0	0	0
G26 Other exemptions (e.g. Clauses 20, 22A and 26)	1	0	0	1	1	1
G27 Total applications including exempt documents	7	4	13	7	20	11

SECTION H – MINISTERIAL CERTIFICATES (S.59)

How many ministerial certificates were issued?	Number	
	Total	
	2007	2008
H1 Ministerial certificates issued	0	0

SECTION I – FORMAL CONSULTATIONS

How many formal consultations were conducted?	Number	
	Total	
	2007	2008
I1 Number of applications requiring formal consultation	2	2
I2 Number of persons formally consulted	2	2

SECTION J – AMENDMENT OF PERSONAL RECORDS

How many applications for amendment of personal records were agreed or refused?	Number	
	Total	
	2007	2008
J1 Agreed in full	0	0
J2 Agreed in part	0	0
J3 Refused	1	0
J4 Total	1	0

SECTION K – NOTATION OF PERSONAL RECORDS

How many applications for notation of personal records were made (s.46)?	Number	
	Total	
	2007	2008
K1 Applications for notation	0	0

SECTION L – FEES AND COSTS

What fees were assessed and received for FOI applications processed (excluding applications transferred out)?	Assessed costs		Fees received	
	Total		Total	
	2007	2008	2007	2008
L1 All completed applications	10,080	3,450	870	435

SECTION M – FEE DISCOUNTS

How many fee waivers or discounts were allowed and why?	Number of FOI applications (where fees were waived or discounted)					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
M1 Processing fees waived in full	1	0	9	3	10	3
M2 Public interest discounts	0	0	0	0	0	0
M3 Financial hardship discounts – pensioner or child	0	1	0	0	0	1
M4 Financial hardship discounts – non-profit organisation	0	0	0	0	0	0
M5 Total	1	1	9	3	10	4

SECTION N – FEE REFUNDS

How many fee refunds were granted as a result of significant correction of personal records?	Number of refunds	
	Total	
	2007	2008
N1 Number of fee refunds granted as a result of significant correction of personal records	0	0

SECTION O – DAYS TAKEN TO COMPLETE REQUEST

How long did it take to process completed applications? (Note: calendar days)	Number of completed FOI applications					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
O1 0-21 days – statutory determination period	4	7	8	6	12	13
O2 22-35 days – extended statutory determination period for consultation or retrieval of archived records (s.59B)	0	1	1	0	1	1
O3 Over 21 days – deemed refusal where no extended determination period applies	3	0	16	4	19	4
O4 Over 35 days – deemed refusal where extended determination period applies	0	1	1	1	1	2
O5 Total	7	9	26	11	33	20

SECTION P – PROCESSING TIME: HOURS						
How long did it take to process completed applications?	Number of completed FOI applications					
	Personal		Other		Total	
	2007	2008	2007	2008	2007	2008
P1 0-10 hours	5	9	20	9	25	18
P2 11-20 hours	0	0	6	1	6	1
P3 21-40 hours	1	0	0	1	1	1
P4 Over 40 hours	1	0	0	0	1	0
P5 Total	7	9	26	11	33	20

SECTION Q – NUMBER OF REVIEWS		
How many reviews were finalised?	Number of completed reviews	
	Total	
	2007	2008
Q1 Internal reviews	15	1
Q2 Ombudsman reviews	1	0
Q3 ADT reviews	5	9

SECTION R – RESULTS OF INTERNAL REVIEWS WHAT WERE THE RESULTS OF INTERNAL REVIEWS FINALISED?						
Grounds on which the internal review was requested	Number of internal reviews					
	Personal		Other		Total	
	Original agency decision Upheld	Original agency decision Varied	Original agency decision Upheld	Original agency decision Varied	Original agency decision Upheld	Original agency decision Varied
R1 Access refused	0	0	0	0	0	0
R2 Access deferred	0	0	0	0	0	0
R3 Exempt matter deleted from documents	0	1	0	0	0	1
R4 Unreasonable charges	0	0	0	0	0	0
R5 Failure to consult with third parties	0	0	0	0	0	0
R6 Third parties' views disregarded	0	0	0	0	0	0
R7 Amendment of personal records	0	0	0	0	0	0
R8 Total	0	1	0	0	0	1

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