

THE UNIVERSITY OF NEW SOUTH WALES ANNUAL REPORT

2001



THE UNIVERSITY OF
NEW SOUTH WALES

THE FUNCTIONS OF THE UNIVERSITY

The functions of the University (within the limits of its resources) include:

- a the provision of education and research facilities of university standard;
- b aiding, by research and other suitable means, the advancement, development and practical application of science to industry and commerce;
- c the provision of instruction and the carrying out of research in the disciplines of human studies and medicine and in such other disciplines as Council may from time to time determine; and
- d the conferring of the degrees of Bachelor, Master and Doctor and the awarding of diplomas and other certificates.

University of New South Wales Act 1989, Section 6 (1)

UNSW MISSION STATEMENT

By providing
an excellent educational experience
and by achieving
excellence in research
international engagement and
interaction with the community
UNSW will be an international university of
outstanding quality.

UNSW Five Year Plan, 1999

UNSW



26 April 2002

Annual Report of the Council of
The University of New South Wales
For the year ended 31 December 2001

PROFESSOR JOHN NILAND AC
VICE-CHANCELLOR AND PRINCIPAL

The Honorable John Watkins, MP
Minister for Education
NSW Legislative Assembly
Parliament House
Macquarie Street
Sydney NSW 2000

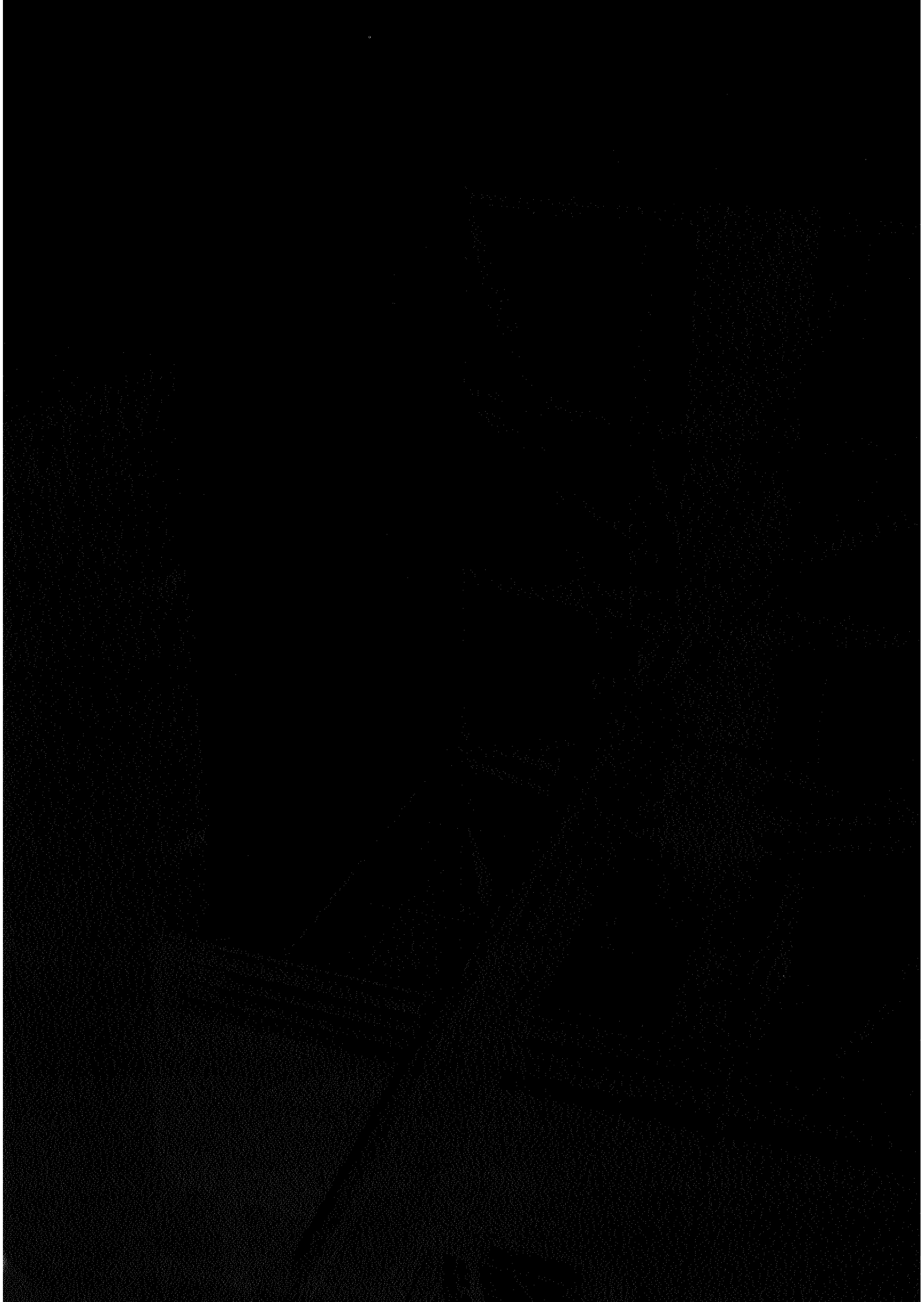
Dear Minister,

In accordance with the Annual Reports (Statutory Bodies) Act 1984, the Council of the University of New South Wales has the honour to transmit the following report upon the proceedings of the University during 2001.

Dr John Samuel Yu, AC
Chancellor

Professor John Rodney Niland, AC
Vice-Chancellor and Principal

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Part ONE

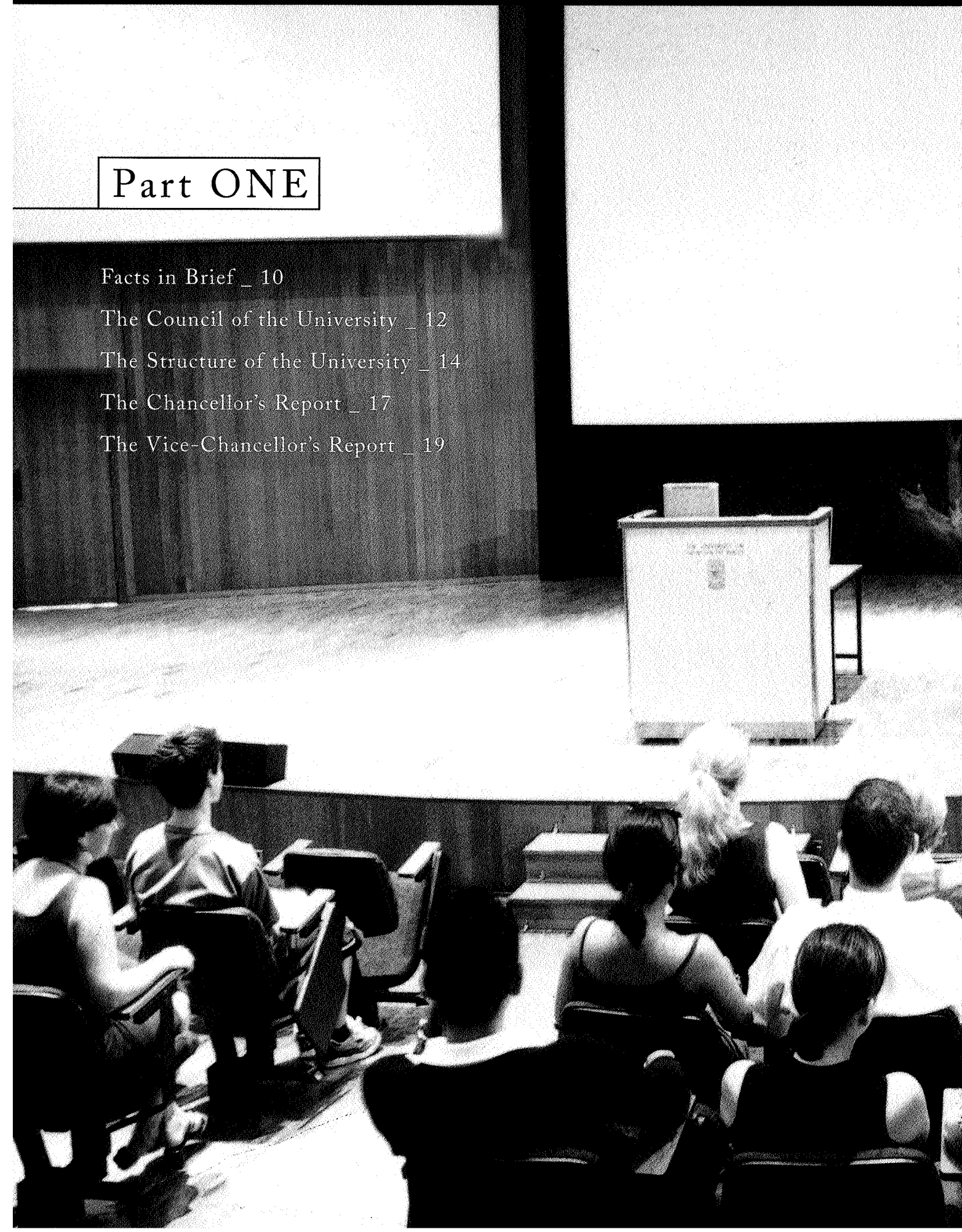
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2001



FACTS IN BRIEF

ENROLMENTS

Students (head count)	37,165
Total enrolments	37,563
Higher doctorate and PhD	1,959
Masters, research coursework	7,607
Cross-institution and non-award	1,188
Bachelor degrees and associate diplomas	23,280
Postgraduates, qualifying diplomas and certificates	3,529

STAFF (FULL-TIME EQUIVALENT)

Total staff	4,866
Academic, teaching only, teaching and research	1,834
Academic, research only	339
Academic, other	36
Non-academic	2,657

FINANCE (2000)

Total assets	\$1.42 billion
Annual operating revenue	\$547 million
Total expenditure	\$505 million

ACADEMIC UNITS

Faculties	9
AGSM (a Faculty of UNSW and University of Sydney)	1
University College (Australian Defence Force Academy)	1
Schools	74
Centres	74
Institutes	5
Principal teaching hospitals	6

AWARDS

Total awards in 2000	8,051
Higher degrees	3,255
Postgraduate diplomas and graduate certificates	481
Bachelor degrees and associate diplomas	4,315
Total degrees and diplomas since University foundation	165,354
Undergraduate awards available	192
Graduate awards available	427

THE COUNCIL OF THE UNIVERSITY

The Council is the University's governing body and is constituted in accordance with the provisions of the University of New South Wales Act 1989, which came into effect on 1 July 1990.

The Council consists of 21 members, comprised of:

- > Three official members
(Chancellor, Vice-Chancellor and President of the Academic Board).
- > Two Parliamentary members.
- > Four Ministerial appointments.
- > 11 elected representatives of the staff, students and graduates.
- > One additional member appointed by the Council.



The Council is chaired by the Chancellor, who is elected by the members of Council. During 2001 the Chancellor was Dr John Yu, who was the sixth holder of the office.

The Deputy Chancellor is elected by and from the members of Council. During 2001 the Deputy Chancellor was Ms Catherine Rossi Harris.

The positions of both Chancellor and Deputy Chancellor are honorary.

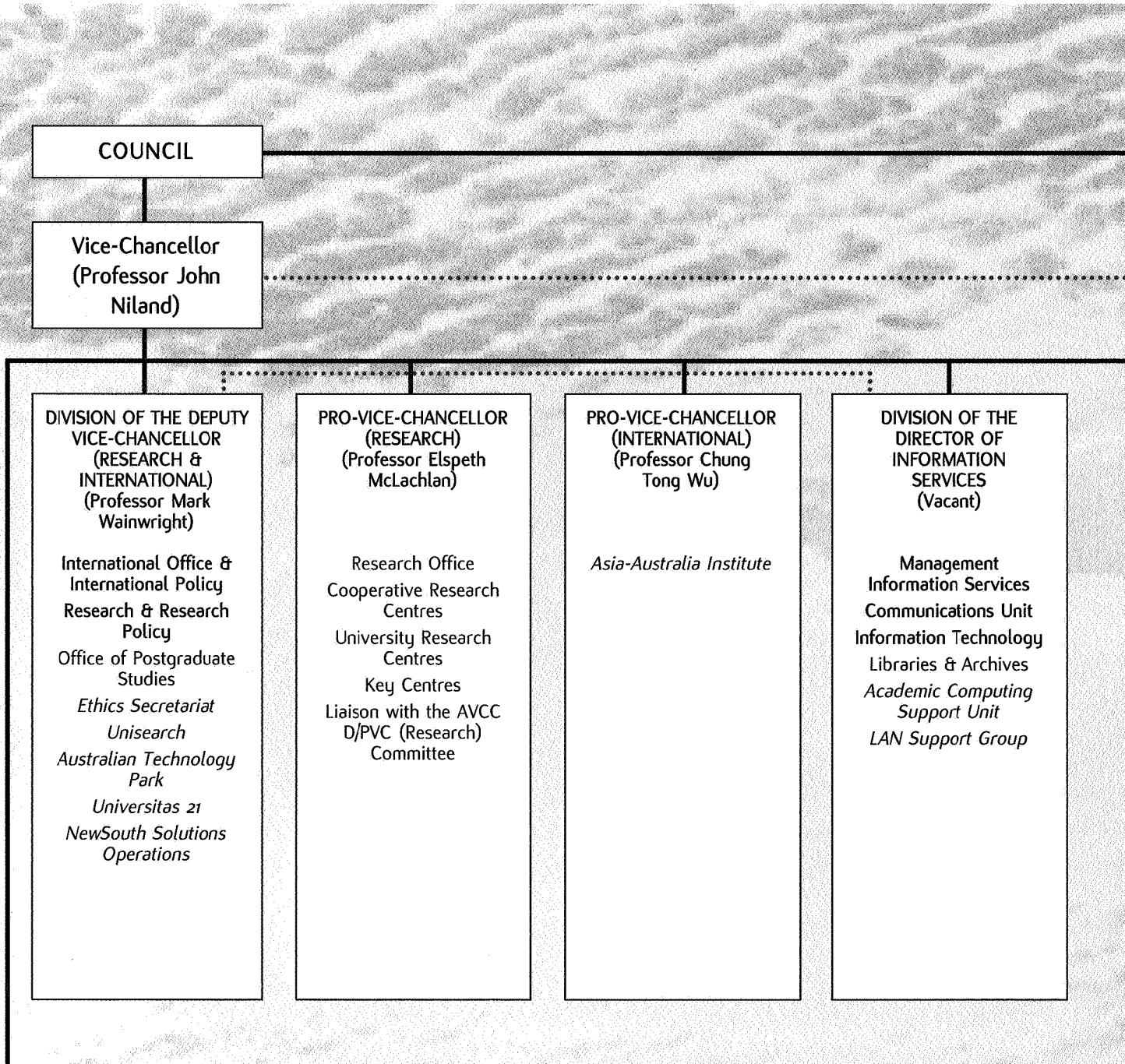
The Vice-Chancellor is a member of the Council *ex officio*. The University's fourth Vice-Chancellor, Professor John Niland, took office in July 1992.

MEMBERS OF COUNCIL

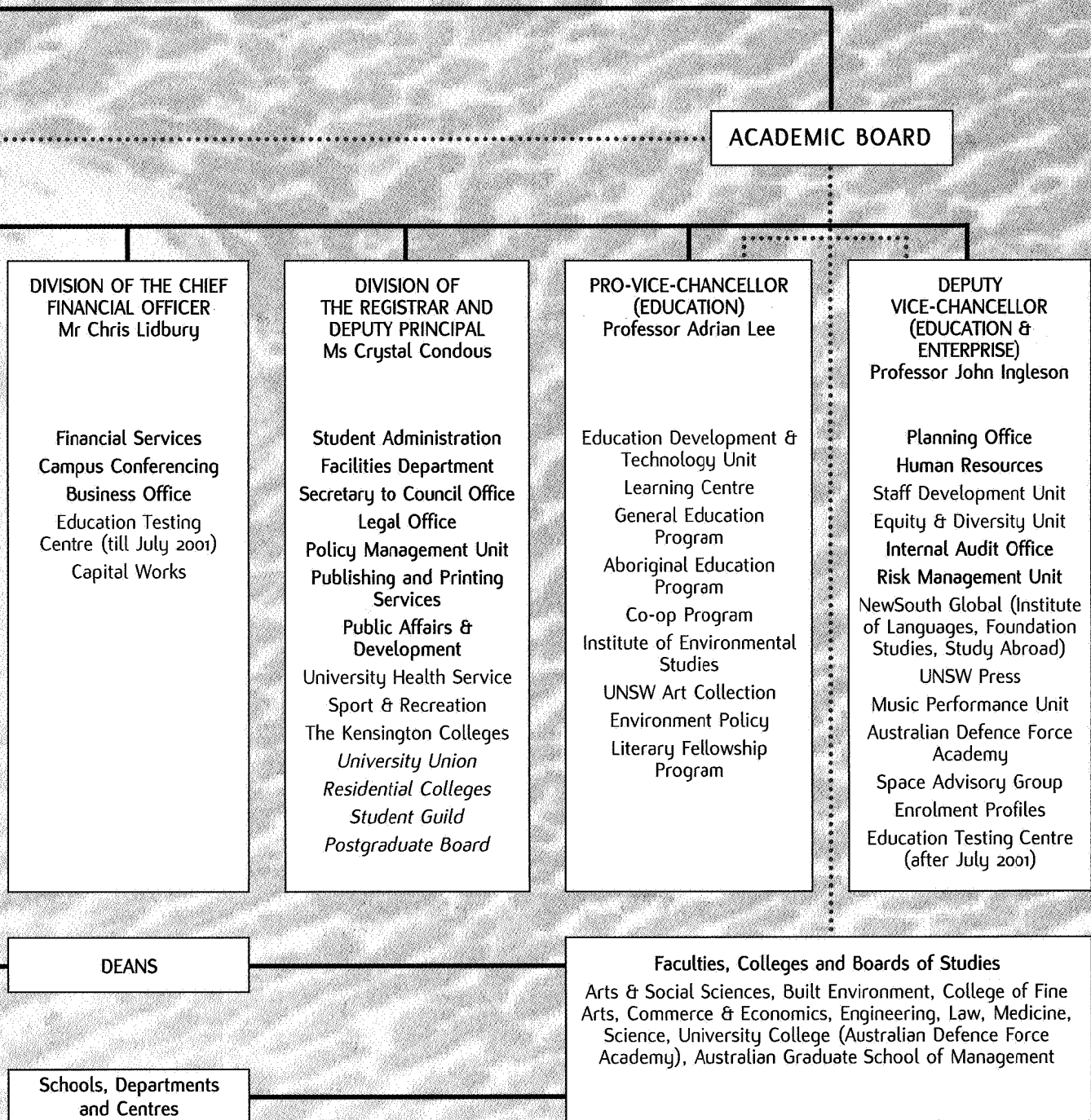
FRONT ROW (L-R) Professor J R Niland, The Hon Ms S M Ryan, The Hon Mrs D M Grusovin, Dr J S Yu, Ms L Rhiannon, Professor K M McConkey, Ms L M Scott, Mrs J M Karaolis. BACK ROW (L-R) Mr B E Suttor, Dr J R Milner Davis, Mr J H Pascoe, Dr P A FitzGerald, Mrs B A Crane, Professor J G A Davis, Ms C M Rossi Harris, Mr D A Hughes, Mr J H Anderson. ABSENT Associate Professor J J Carmody, Professor W F Chua, Dr R Frances, Mr P E Mason.

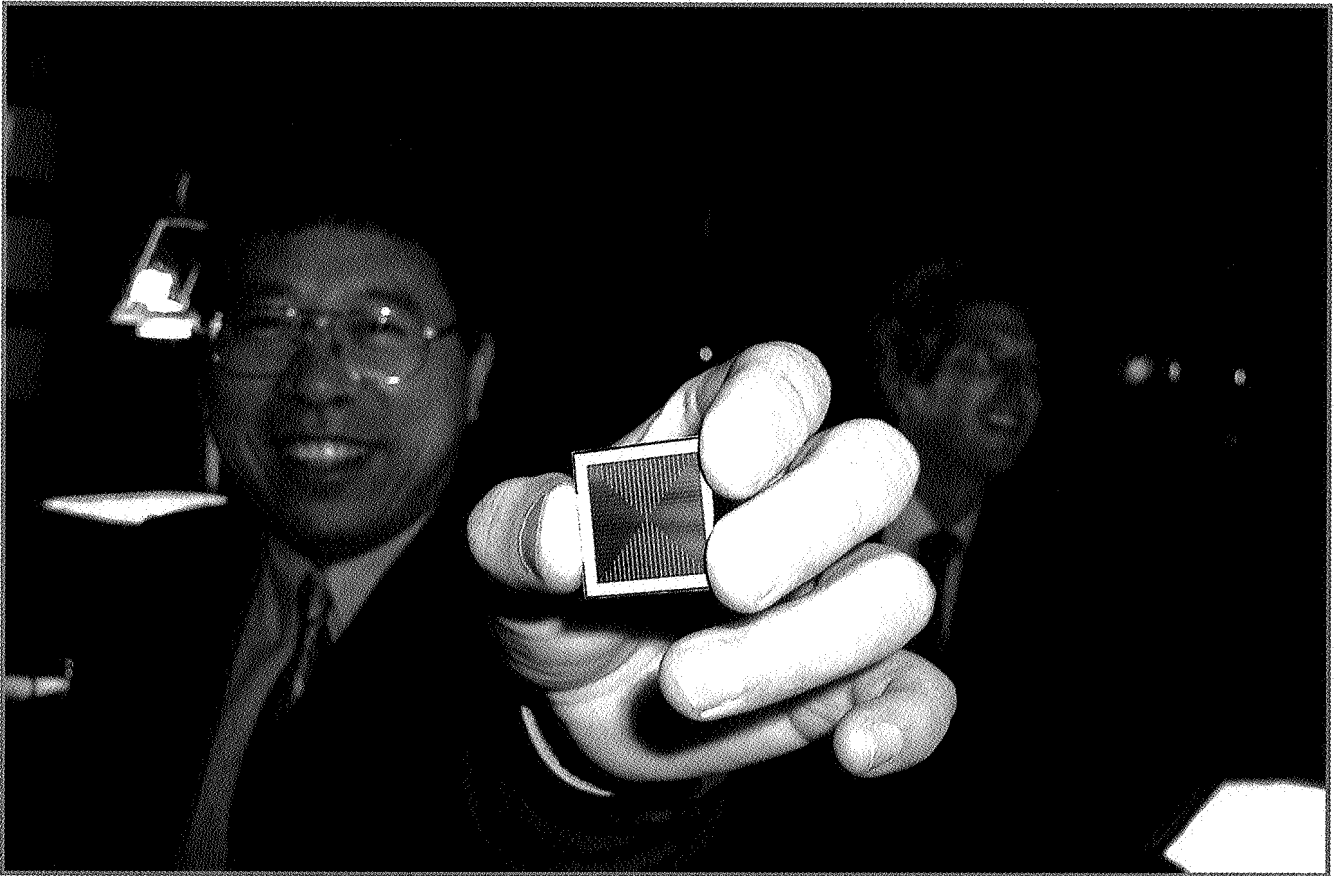


THE STRUCTURE OF THE UNIVERSITY



- Bold type** Chancellery-based activities
- Lighter type University-wide activities
- Italic type* Activities for which Executive members have liaison or representative roles
- Unbroken lines denote supervisory responsibility
- Broken lines denote reporting and/or liaison linkages





PROFESSOR MARTIN GREEN,
leading researchers from the
*Photo-voltaics Special Research
Centre* and the School of Physics,
has produced a *breakthrough* with
the potential to revolutionise
the *global* computer and
telecommunications industries.
The new technique allows silicon
to emit light, bringing researchers
a *step closer* to the *long-dreamed of*
goal of integrating light-emitting
diodes directly into microchips.

THE CHANCELLOR'S REPORT

The past year has been one of further academic and research success and consolidation, with UNSW continuing to attract a greater number of the top Higher School Certificate students than any other university. The University also scored very well in the *Good Universities Guide* with the highest number of five-star ratings, and maintained its place in the top 10 regional universities in the *Asia Week* ranking.

While these facts speak well of the University's reputation, they also underline the magnitude of the task of ensuring the maintenance of academic standards and research output.

Attracting the best young students brings with it added responsibilities to nurture and improve learning by, and commitment to, students. It is not a task to be underestimated in the face of falling government funding to universities and the need to meet mounting costs.

Council has spent much time on issues of the day-to-day function of the University and what appears to be a worrying lack of priority accorded by society to higher education. This has made it more difficult for Council to adequately consider and debate the broader philosophical questions that universities must face from time to time. There is the issue of numbers as opposed to quality in enrolments, and the vexed question of class sizes which affects both popular courses and those with diminishing attraction to students. If the number of enrolments falls, then what price are we prepared to pay for maintaining diversity and broad scholarship?

These questions must now be debated with UNSW facing major changes to its executive management in the coming year. The one certainty is that UNSW cannot continue to fund shortfalls by increasing its fee-paying international undergraduate student numbers. Also, to survive as a 'research-intensive' university, UNSW must increase its commitment to research and to postgraduate student numbers. This will need additional funding and will be a particular challenge to the UNSW Foundation, which has achieved so much in recent times under its Chair, Bob Sutton.

EXECUTIVE MANAGEMENT

Early in the year, the Vice-Chancellor, Professor John Niland, indicated to Council that he did not wish to seek an extension of his current contract, which concludes on 5 July 2002. Shortly after, Council appointed two new Deputy Vice-Chancellors, Professor John Ingleson and Professor Mark Wainwright. They are warmly welcomed in these roles after serving as Deans of the Faculties of Art and Social Sciences and of Engineering respectively. I shall have an opportunity in the next Annual Report to record John Niland's many achievements and successes as Vice-Chancellor and to thank him for his 10 years of remarkable service.

It is fitting to acknowledge the contributions of retiring Deputy Vice-Chancellors Chris Fell and Alan Pettigrew. Emeritus Professor Chris Fell has had a long career at UNSW, which in many ways mirrors the advances and excellence of the

University itself. Fortunately his long experience and knowledge will not be lost to the University, as he continues in several key board membership roles. Professor Alan Pettigrew has been appointed Chief Executive Officer of the National Health and Medical Research Council.

Five Deans have been promoted, retired or resigned from their positions and new appointments have been announced. Deans at UNSW have significant delegated authority, and innovation and change must be driven from this faculty level if they are to succeed. The service of the retiring Deans is gratefully acknowledged.

UNSW has been fortunate in the calibre of its Presidents of the Academic Board and in a year of great change, it is a pleasure to thank Professor Kevin McConkey and his executive team on the Academic Board.

After an extensive worldwide search, Council unanimously resolved to appoint Professor Wyatt (Rory) Hume as the next Vice-Chancellor from July 2002. Professor Hume is a distinguished Australian academic and scientist, who is returning to Australia from his current post of Executive Vice-Chancellor of the University of California Los Angeles (UCLA), having previously been Dean of Dentistry in that university.

COUNCIL

During the year there have also been changes to the membership of Council with the resignation of former Presiding Member of the Finance Committee, Mr Colin Ryan and

Postgraduate Student representative, Ms Harriet Baillie. The NSW Minister for Education appointed Mr John Pascoe to fill Mr Colin Ryan's position, and Ms Linda Scott replaced Ms Harriet Baillie.

In the Year of the Volunteer, I would like to thank the retiring members of Council, and indeed all Council members, who undertake their very considerable duties in a totally honorary capacity. Many devote a great amount of time to Council work and the University would be poorer without their input and guidance. I would especially like to thank Deputy Chancellor, Ms Cathy Rossi Harris, and Pro-Chancellors, the Hon Susan Ryan and Dr Jessica Milner Davis, who have shared the burdens of my role without enjoying some of its public benefits.

The work of Council would not be possible without the dedicated service of Mr Peter Mason and his Finance Committee members and of Mr Brian Suttor and the Audit Committee. We are also grateful to Dr Penny FitzGerald and the Student Affairs Committee, which has grappled with some very difficult issues at the grass-roots level.

There are many others at UNSW who volunteer their time and skills – staff members who give above and beyond their duties, and alumni and friends who share our commitment to, and concern for, the University and its importance to the country's future.

Mention must be made of the many friends who have served UNSW on

the numerous Boards on which the University is represented. Some bodies, such as the Council of the Australian Defence Force Academy (ADFA) in Canberra, require travel to represent UNSW, and therefore an extra special commitment.

In the coming year, the Council will review its committee structure, its strategic planning and its own mode of functioning. Major policies will need to be addressed if the Commonwealth Government undertakes a HECS restructure and changes its approach to university funding generally. Also during 2002, the existing Enterprise Bargaining Agreement expires and salaries and conditions will need to be renegotiated with staff, providing an opportunity for discussion about the values and responsibilities that we hold as a university community.

UNSW extends a very warm welcome to the new NSW Minister for Education, the Hon John Watkins MP, and to the new Commonwealth Minister for Education, Science and Training, the Hon Dr Brendan Nelson MP. We assure the Ministers of the University's desire to work in collaboration with both Governments.

UNIVERSITY FACILITIES

So far I have spoken of the University's people, and this is right and proper as they are the key to our continuing success; but people, students and staff need reasonable facilities in which to think and work. Many UNSW buildings have served their time and now need refurbishment to

enable them to continue to play a useful part. Plans are well advanced for the refurbishment and re-allocation of the Dalton, Heffron and Goodsell buildings, while the parking needs of the University must be faced if UNSW is to expand and upgrade its facilities.

In terms of building developments, Council will need to consider new funding options. The Finance Committee has surveyed funding opportunities and is now applying some of the principles to individual building projects coming forward.

Housing costs are becoming an inhibition to staff recruitment, especially to potential staff living outside the major capital cities. The resolution of this problem and the availability of suitable, yet affordable, student housing will be part of the University's future financial planning.

2002 AND BEYOND

While UNSW will be a different place after John Niland steps down from the Vice-Chancellorship, there is great optimism that under Rory Hume, UNSW will continue to be the great University that it is today. We may begin to see the first real fruits of *Universitas 21* in new teaching modes, and the restructure of the Science faculty will result in a new blooming for science at the University. UNSW can make a difference and it is up to all of us to ensure that it does.

**DR JOHN YU, AC
CHANCELLOR**

THE VICE-CHANCELLOR'S REPORT

The University of New South Wales again met considerable success in the research and teaching dimensions, as well as with its related entrepreneurial endeavours. This is eloquent testimony to the fine efforts of the UNSW community, and is particularly pleasing at a personal level as I prepare to leave the position of Vice-Chancellor after 10 years.

The strategy of channeling additional resources for a **Research** surge has begun to show dividends, which I expect to become even more evident in the next several years. UNSW received the largest number of initial Australian Research Council (ARC) Discovery grants, returning to our leadership position of the mid-1990s. We continue to lead the ARC Linkage grants in both number and value. The Government's *Backing Australia's Ability* program has been a positive development for the University, with UNSW attracting the second largest Systemic Infrastructure Grant funding, accounting for 20 per cent of the funds allocated nationally.

Two of the 15 highly competitive Federation Fellowships awarded in the first round came to UNSW researchers – Scientia Professor Robert Clark, for his research in the development of silicon quantum computers, and to Scientia Professor Martin Green whose research in photovoltaics has led to a major new discovery in photonics. In medical research, Professor Philip Hogg, from the Centre for Thrombosis and Vascular Research, received the Commonwealth Minister's Award for Excellence in Health and Medical Research.

The University's Strategic Priorities Fund, introduced in 2001, emphasised support for **Teaching and Learning** initiatives. The first group of Innovative Teaching and Educational Technology (ITET) Fellows worked on a project to boost the appropriate use of educational technology, and two major projects to improve the student experience in first year commenced. Success again came in the Australian Awards for University Teaching program, with the team from the Kingsford Legal Centre winning the 2001 Award for Law and Legal Studies.

Underscoring the University's resolve to remain at the forefront of modern approaches to teaching and learning was also the decision to extend involvement in **Universitas 21** (U21), the international consortium of research intensive universities. UNSW, with 15 other U21 members, established U21 Global Limited, in liaison with Thompson Learning, for the delivery of online courses, with the first students expected to be enrolled in late 2002. The Learning Resource Catalogue, being developed at UNSW as a U21 project, will stimulate the sharing of digital 'learning objects' to facilitate online learning for campus-based students.

In 2001 UNSW continued to attract the largest number of **International Students** of any Australian university – and possibly any university anywhere – with more than 8,200 on-campus enrolments, 3,254 at the postgraduate level. Students came from some 90 countries, over half from the traditionally

strong source countries of Hong Kong, Indonesia, Singapore and China. Efforts to diversify the international student body by increased recruitment activities in Europe and North America are showing results. The international student enrolment plan from 2002 aims for almost zero growth in undergraduate and post-graduate coursework numbers, with the enrolment goals of further increasing the quality of the international student intake and diversifying across programs studied.

In the domestic dimension, UNSW again had the strongest appeal for **High Performing Students** in the NSW Higher School Certificate (HSC). The 2001 intake included 14 of the 21 students from NSW schools with a University Admissions Index (UAI) score of 100. UNSW was also the preferred university for other high-performing students, attracting 51 per cent from the top one per cent, 45 per cent of the top two per cent and 37 per cent of students in the top five percent in the HSC, in each band significantly ahead of any of the other eleven universities in the State.

In an environment increasingly characterised by competition for resources, for high quality students and staff, as well as for recognition and standing, the University has enhanced its profile through an array of eminent **External Recognition Awards**. For the fifth successive year *AsiaWeek* magazine included UNSW among the top 10 universities in its survey of the region. We were again named Australia's most admired organisation in the education/health sector by

Business Review Weekly, and the *Good Universities Guide* for 2002 rankings effectively puts us at the top across Australia in appeal for high-performing undergraduate students. In 2001, and for the third consecutive year, the University won the Australian Export Award for Education. And to a long list of awards recently recognising the stunning development of the Kensington campus, in 2001 UNSW won two Concrete Institute of Australia awards for The Scientia – the Kevin Cavanagh Medal and first prize in the Building and Engineering Structures Projects – and also the Randwick City Council Garden Competition in the Education/Institution category.

In winning **Rhodes Scholarships** in 2001, Ms Ingrid Barnsley and Mr Luke Jones bring to 10 the number of these prestigious awards earned by UNSW students in the past decade.

Science has long been a key area at UNSW, and over the past three years various initiatives have been directed at strengthening its base and assuring a strong future. Six critical elements have driven the **Science Review**: a) the need to position Science at UNSW to respond to disciplinary developments in the next 20-25 years; b) the importance of recruiting high quality students; c) the recognition of Science as an important driver of economic and social development, and as an attractive career option; d) the promotion of disciplinary and interdisciplinary research; e) the promotion of educational efficiency and removal of barriers to cross-disciplinary interactions in teaching and research; and f) the enhancement of flexibility in undergraduate programs, and facilitation of better integration of Science courses into the broader offerings at UNSW. The culmination of a long and highly consultative process has been the implementation of an extensive array of recommendations from the review of the Faculties of Life Sciences and Science and Technology,

bringing a single Faculty of Science into operation on 1 July 2001.

Consistent with our interest in continuous improvement and **Quality Assurance**, UNSW volunteered to be the large university in the trial audit of the Australian Universities Quality Agency. Our openness and frankness in the process was commended, as were our outcomes in research and teaching. The Quality Agency also commended the University for its program of Faculty-directed performance review and monitoring (the PREP process). A range of constructive recommendations for quality improvement will be incorporated into the University's quality assurance system.

Each year's PREP process identifies a set of **Core Standards** for attention by the Faculties in their development and implementation of strategic planning. The focus in 2001 has been on improving the quality of the first-year experience; staff development and training, with emphasis on intercultural sensitivity skills in teaching and curriculum development, and forging overseas research alliances; and strategies to increase the number of research students and their completion rates. Each Faculty also adopted two additional Faculty-specific core standards related to areas of lower performance in recent years, as identified through the Faculty review process.

Strategic change and development at UNSW has also been driven over the past decade through the **Budget Process**, and 2001 saw a number of important shifts in guiding principles, formulae and settings. These have arisen largely from recommendations of two of the nine working parties in the UNSW 2000 exercise. Several key benefits of these changes are evident. Following the implementation of the Research Training Scheme (RTS) and Institutional Grants Scheme (IGS), the 2002 Budget increased from \$17.6 million to \$40.9 million the funding identified for research and research training. This is provided

to academic units based on performance. Arrangements for funding student load now provide enhanced rewards to the academic units where the students are enrolled, as well as to the units that teach the students. Increased resources are being directed towards improving and maintaining the teaching and research infrastructure of the University.

With continuing restrictions on public funding for universities in Australia, UNSW's **Entrepreneurial Endeavours** play an increasingly important role in assuring a sound resource base for the University.

Unisearch Limited consolidated the profitable position achieved in 2000. The company's Technology Commercialisation area again achieved significant increases in new disclosures, new provisional patents and new licenses/options, whilst Expert Opinion Services experienced a considerable rebound in business. Other highlights include the creation of Unisearch Medical to augment the legal and consulting businesses, the negotiation of two successful technology commercialisation exits, and the active role taken in the Federal Government initiative to establish new pre-seed funds.

During 2001 the Educational Testing Centre (ETC) was incorporated into **NewSouth Global Limited** (NSG), the University's entrepreneurial entity for the delivery of non-degree education services. This move appropriately locates ETC with the other major divisions of NSG – Foundation Studies, Institute of Languages, Study Abroad and International Projects – and is designed to ensure the University most effectively addresses issues raised by the NSW Auditor General and the NSW Ombudsman. Highlights for the year include: more than 1.6 million children in Australia and Asia assessed through the ETC schools competitions, which provides invaluable recognition for the UNSW

brand offshore; more than 1,000 overseas students entered Foundation Studies programs; and the strengthening of NSG's services to the University through its management of the UNSW Offices in Singapore, Hong Kong and Bangkok. Another highlight is an anticipated profit in excess of \$5 million, which will support PhD research and the UNSW Foundation's matching fund to leverage further scholarship donations.

The UNSW Foundation raised in excess of \$10 million and established 22 endowed scholarships, including \$571,000 from the Vice-Chancellor's Annual Appeal, for a variety of projects including capital works, medical research and rural scholarships. This represents a 20 per cent increase on funds generated in 2000 by the Foundation for the University. This trend is set to continue and I look forward to helping further when I become Chair of the Foundation in July 2002.

I salute the dedication of my colleagues who deliver such quality outcomes in difficult times – this, more than anything, has been fundamental to our successes throughout the year. The Human Resources processes in the University, for their part, have advanced the development of innovative management practices, which are essential in the provision of an environment for maximising staff advancement and effectiveness. Highlights include a range of training to create a more flexible and tolerant work environment; improved access for and communication to all staff with respect to human resources policies; and a range of innovative workplace policies dealing with issues such as maternity leave for casual staff, pre-natal leave, alcohol and drugs in the workplace, staff/student relationships and workplace bullying.

Human Resources also introduced an Employee Assistance Program, providing a free, confidential and professional counselling service for staff. Planning has commenced for the fourth round of enterprise bargaining, which is due to get underway in late 2002.

Major Works in 2001 concentrated on refurbishment. The completion of stage 2 of the refurbishment of K17 (formerly the Geography and Surveying building) delivered to the School of Computer Science and Engineering much improved space. Other significant refurbishments included the East Wing of the Robert Webster Building; the Biomedical Library; the Centre for Quantum Computing offices for one of the University's most successful research programs; and Physics and Burrows Theatres.

Work in progress towards the close of 2001 included permanent closure of Science Road, with the resultant creation of more 'green space', and final completion of the Engineering Road upgrade. The NIDA development on Western Campus land leased to the Commonwealth is near completion and is a new landmark for NIDA and the University. AGSM Limited, a joint venture with the University of Sydney, is moving to establish a city facility in addition to its major presence on the Kensington campus.

Through a series of campus development workshops, and a property asset management strategy, the University has been exploring options for the next critical phase of major works. Council has approved a campus Project Fund scheduled to deliver outcomes primarily for the Faculty of Science and the Faculty of Law. A new Chemical Sciences Building will clear the way for the refurbishment of Heffron/Dalton which will provide

much needed non-laboratory space, and space to accommodate elements of the Faculty of Commerce and Economics, which will in turn clear the Goodsell Building for the Faculty of Law. Also in a critical planning phase is the development, in conjunction with the State Government, of a Bio Hub facility.

The capital works program over the past decade has drawn much attention and not a little comment. In the assessment of *Monument Architecture and Design* magazine:

Twenty years ago, or even 10, it was *à la mode* to say how unfashionable the campus at the University of New South Wales was, how drab the buildings, how unfriendly the site, how ad-hoc the layout. It may surprise those who haven't kept up that it is now cool to be associated with UNSW, as a student and as an academic. A revolution has occurred in the University's local, national and international academic status and equally in its physical presence. The past decade has seen a dramatic aesthetic improvement at Kensington powered by a clear aesthetic vision arising from a meeting of corporate and architectural minds. The University's physical transformation is at once conservative *and* upbeat, conventional *and* progressive.

The synergy between academic standing and physical presence is even more critical to traditional values of University life in a world increasingly enhanced by internet-related pedagogy. This said, the physical transformation of UNSW in the past decade, while important, is but a metaphor for the real change – to the University's academic stature, its sense of assurance ... its sure grasp on the future, wherever that may take us.

PROFESSOR JOHN NILAND, AC
VICE-CHANCELLOR AND PRINCIPAL



Part TWO

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The Governor of
New South Wales,
PROFESSOR MARIE
BASHIR, *officially*
launched the UNSW
Centre for Refugee
Research, congratulating
the University on its
vision in supporting
the Centre's complex
and sensitive work.

RESEARCH AND INTERNATIONAL

RESEARCH

Research at UNSW has continued to develop and research staff have achieved many successful outcomes during 2001. Research administration at UNSW has changed with the Deputy Vice-Chancellor (Research & International), Professor Mark Wainwright, leading the Division of Research. A new Pro-Vice-Chancellor (Research), Professor Elspeth McLachlan, and a new Director of the Research Office, Mr James Walsh, are introducing schemes to better support researchers across the University.

The Committee on Research took part in a Retreat in mid 2001, at which many new initiatives were discussed. The development of better information technology will enable the University's research strengths to be identified on a firm, factual basis to enhance strategic planning for the future. Within the Research Office, an office for Research Training has been established, along with the position of Postgraduate Research Student Advisor. In 2001 there were 1784 postgraduate research students whose efforts formed a major contribution to the University's high quality research activities.

The University performed strongly in competitive research funding from the Australian Research Council (ARC), with the award of \$11.6 million in Discovery grants (the revised and expanded Large Grants scheme) and the largest number of Linkage grants (formerly the SPIRT grant scheme), which enhance strategic partnerships with industry. UNSW continues to dominate the Linkage

scheme nation-wide, with a funding level of \$6.1 million.

The University also received ongoing funding of \$1.4 million from the ARC for Special Research Centres in Quantum Computer Technology and Third Generation Photovoltaics, more than \$0.3 million for a Key Centre for Teaching and Research in Photovoltaics Engineering, and administered \$0.91 million as Research Infrastructure, Equipment and Facilities Grants for joint projects with other institutions.

The University received \$12.7 million in 2001 from the National Health and Medical Research Council (NHMRC) and \$1.3 million from other dedicated medical research foundations such as the National Heart Foundation, Australian Kidney Foundation, the Ramaciotti Foundations, etc. Several large grants were awarded by the NSW Cancer Council.

On the basis of its performance in attracting grants in the Government's National Competitive Grants Index, the University was awarded \$8.9 million from the Research Infrastructure Block Grant scheme.

In addition to these Commonwealth Government sources of research funding, \$2.8 million was derived from the NSW State Government, with substantial grants for support of HIV social research.

Total external research funding awarded to the University in 2001 from all sources was approximately \$100 million. Of the national total of Government funding for Research Quantum for the Higher Education

Sector in Australia in 2001, the University received 9.87 per cent. This compares with an average of 9.97 per cent over the preceding three years, showing that UNSW is slightly dropping its position amongst the research-intensive universities.

The University continued to receive international recognition and funding for excellent research. A total of \$10 million came from international sources, including major grants from the US National Institutes of Health (NIH) for research to develop an AIDS vaccine. The Juvenile Diabetes Foundation International awarded US\$0.58 million to Professor Bernie Tuch of the Clinical School, Prince Henry/Prince of Wales Hospital for a three-year study on the use of insulin-producing liver cells as a therapy for people with insulin dependant diabetes. In October, the NIH Center for Disease Control announced funding of US\$1.5 million over three years for research to be undertaken by Associate Professor Andrew Lloyd and Professor Denis Wakefield of the School of Medical Sciences, Department of Pathology, to look at the long-term effects of viral infections.

The University congratulates its outstanding researchers who received recognition in 2001 for their national and international contributions.

Two of the first 15 prestigious Federation Fellowships to be awarded by the ARC have gone to UNSW's Professors Robert Clark and Martin Green. Robert Clark's award recognises his groundbreaking work towards the development of a silicon quantum computer. Martin Green's work is

described as having led to fundamental advances in the understanding of how light is transformed into electricity in silicon solar cells, and how these insights can be applied to the reverse process: the transformation of electricity into light. Each Fellowship recipient will receive salary support of \$1.125 million over five years.

Professor Philip Hogg from UNSW's Centre for Thrombosis and Vascular Research received the Commonwealth Minister's Award for Excellence in Health and Medical Research and also the inaugural GlaxoSmithKline Australia Award for Research Excellence. Dr Brett Neilan from the School of Microbiology and Immunology won a Eureka Prize for Scientific Research for his study of the evolution and toxin production of blue-green algae. Dr Levon Khachigian from the School of Medical Sciences, Department of Pathology, received the AMGEN Medical Researcher Award for his molecular biological research relating to arterial thickening following balloon angioplasty.

In 2001, UNSW awarded nine Scientia Professorships in recognition of outstanding research performance in the international arena. The University had 23 ARC Fellows and 26 NHMRC Fellows at Level B and above.

INTERNATIONAL

UNSW is strongly committed to all aspects of internationalisation. It welcomes students from abroad and encourages its Australian students to develop cultural understanding and an international perspective, both by interaction on campus with international students and by encouraging them to participate in international exchange programs.

With respect to on-campus enrolments, UNSW is one of the leading recipient universities in the world. In 2001, over 8,200 international students were enrolled at UNSW, including 3,254 who were studying for higher

degrees. The total full-degree international enrolments were 16 per cent higher than in 2000. The students were from 90 countries, with 53 per cent of the cohort drawn from Hong Kong, Indonesia, Singapore and China.

For the third year running, UNSW was awarded the State Premier's Education Exporter of the Year Award and the prestigious Australian Education Exporter of the Year Award for outstanding export achievement in the fields of education services, facilities, innovation and curriculum development.

One of the highlights of the year was the establishment of international admissions facilities in the new Hong Kong Office. These facilities, backed by the New South Solutions system, enable UNSW to efficiently process applications from international students in a highly competitive environment and are relieving pressure on our international admissions team based at Kensington.

UNSW was invited by Nanyang Polytechnic, Singapore to provide leadership and expertise with respect to the establishment of a new School of Life Sciences at the Polytechnic and to work in collaboration with the Economic Development Board of Singapore to ensure the new School works in partnership with industry. This was a most prestigious appointment and will be an exciting long term development project for UNSW. The first students were enrolled in programs in the new School in July 2001.

The Golden Jubilee Scholarship Program provides full tuition scholarships for the top diplomats from four polytechnics in Singapore and five institutes/colleges in Malaysia. A total of 32 scholarships for students from Singapore and 29 scholarships for students from Malaysia are available each year. In 2001 these scholarships were valued at over \$2.6 million with 75 students enrolled at UNSW under this prestigious scholarship program. With the scholarships, academically gifted students are able to complete the

requirements for an undergraduate degree in Australia. The Australian Chamber of Commerce Singapore, AustCham, became the first official sponsor of the Golden Jubilee Scholarship Scheme and has provided scholarships to cover living expenses for two Singapore students each year on a needs basis.

The University again conducted graduation ceremonies and alumni activities in Hong Kong and Kuala Lumpur and held a ceremony in Beijing for the first time for graduates of the Master of Commerce program, offered in partnership with Guangzhou University.

UNSW continued to be one of the major providers of education and training for the Australian Agency for International Development (AusAID), enrolling 163 new Australian Development Scholarship students from a wide range of countries in our region.

Participation in regular support programs for international students increased during the year, especially with the Airport Reception-Temporary Accommodation, Housing Assistance, Orientation and Returning Home seminars. There was also increased demand for the day trips and short holidays organised by ISS to enable students to meet and see other parts of New South Wales. A Valedictory Reception was held to farewell students who completed their degrees in 2001, but would not be able to attend graduation ceremonies in Kensington or overseas.

During the year, 198 students went on exchange for one or two sessions at partner universities in North America, Europe, Asia and South America. The University, Alumni Association and other sponsors provided almost \$150,000 in financial assistance to selected students going on exchange. There were 218 students from overseas partner universities who spent one or two sessions at UNSW during the same period. The AGSM also ran an active exchange program with 34

UNSW students studying at prestigious business schools overseas, and 55 students coming for a term to Sydney.

Final year medical students also participated in 205 clinical placements in 41 countries and the Faculty arranged clinical clerkships in New South Wales hospitals and other health facilities for 190 visiting students from 24 countries. In 2001 there were 92 Practicum students from overseas universities assisting with UNSW research projects for

periods of three to 12 months, in return for professional supervision and skills enhancement. UNSW also continued as an active supporter of the AusAID-sponsored Australian Youth Ambassadors for Development program, which involves an attachment of three to six months on an aid project in a developing country.

UNSW now has in excess of 200 agreements with institutions in more than 30 countries around the world to facilitate cooperation in one or

more areas of student exchange, staff exchange or research collaboration. UNSW continues as an active member of the Universitas 21 consortium of key international research-intensive universities. Activities during 2001 included the exchange of a large group of students between partner universities in Asia, Europe and North America and a series of high-level meetings between groups of Deans and other academics in various disciplines.

ACADEMIC AND TEACHING DEVELOPMENTS

The Academic Board processed new and revised program proposals and provided advice to Council on a range of matters, as well as discussing important internal academic and teaching issues.

Consistent with the University's strong commitment that academic performance is the only criterion to be considered in assessing any student's eventual success or otherwise in the course, we undertook an innovative and extensive investigation of 'soft marking'.

We also reviewed the mechanisms, such as Assessment Review Groups and Special Consideration Procedures, which were already in place to ensure openness and transparency in assessment procedures.

The subsequent *Report on Assessment Practices at UNSW* pointed to ways to improve existing policies and practices, but found no evidence of 'soft marking'. There was no evidence that full-fee paying students (either local or international) were receiving favourable treatment in their assessment, or that pressure was being placed on individual academics to alter marks for these, or indeed any, students.

The report contained nine recommendations including clearer communication of English language entry requirements; provision of a simple summary of policies and practices of assessment; improved accessibility of information about assessment and appeals; the development of guidelines for providing comments to students on their essays before they are submitted for marking; improving transparency in the marking of essays; and the easier sharing of best practice on assessment.

The Board's Committee on Education and the Pro-Vice-Chancellor (Education) progressed each of these recommendations during the year.

Other major policy matters relating to academic and teaching developments which were considered during the year included revised special consideration rules and procedures; revised discontinuation without failure rules and procedures; development of a template for course handouts to ensure that staff are guided to provide all the information that students need for a complete overview of the course; and changes to general education rules to simplify and clarify options for students.

The Board's forums on Science and on Schools in Science, and the Board's debates on the establishment of a single Faculty of Science and the structure of Schools within the Faculty, were intense, highly involving of the academic community, and constructive. The boundaries of the various academic disciplines in science are changing rapidly and the creation of a single Faculty was considered to be the best way structurally to take advantage of these changes. The creation of the new Faculty was intended to facilitate not only new academic opportunities and relationships within the University, but its ability to take advantage of initiatives of government and industry.

The Board discussed the University's strategic aims and activities in online and campus-based education, particularly in the context of UNSW's involvement (as a member of Universitas 21) in U21*global*, and underscored the importance of the aca-

demically quality assurance mechanism of U21*pedagogica*. The appropriate balance of face-to-face and online teaching and learning to obtain the best educational outcomes for students is a matter that will have continued discussion, and is being considered carefully by the Board's Committee on Education as well as by the Pro-Vice-Chancellor (Education). As part of that broad consideration, the Board held a Forum on the academic and teaching issues involved in U21*global* and U21*pedagogica*, and the implications for teaching and learning at the University.

The Board was closely involved in the Trial Audit of the University that was conducted by the *Australian Universities Quality Agency*. The preparation for this Audit and the participation in the Auditor Panel Visit involved significant work by members of the Board, as well as by many other colleagues. The Board is central to the assurance of academic quality within the University, and will continue to play a major role in the consideration and implementation of recommendations arising from the Audit and the ongoing development of an integrated quality system at the University.

SIGNIFICANT COMMITTEES ESTABLISHED

The Pre-University Education Committee was established as a new standing committee of the Academic Board. This committee will give academic oversight to the Foundation Year and the UNSW English Entry Course, both of which are formal programs of the University administered by NewSouth Global, which is a controlled entity of the University.

TEACHING AND LEARNING

With the appointment of the Pro-Vice-Chancellor (Education) in mid-2000, 2001 has seen a host of teaching and learning initiatives implemented in line with the major objectives of the portfolio, which are to improve the educational experience for students at UNSW; to develop and monitor processes for improving teaching and learning; and to progress the University's educational strategies and use of technology in teaching and learning.

The allocation of a significant portion of Strategic Priorities Funding over 2001-2003 has enabled the following major initiatives to be implemented as a priority.

UNSW INNOVATIVE TEACHING AND EDUCATIONAL TECHNOLOGY (ITET) FELLOWSHIP SCHEME

The scheme aims to promote the sustainable and appropriate use of educational technology at UNSW, with a special focus on teaching and learning and improving quality in these areas. In the second half of 2001, financial support was provided to 16 members of the academic and general staff to enable them to undertake ITET Fellowships. A further 45 Fellowships will be offered over 2002 and 2003, creating a valuable resource of committed staff who can pass on these skills in their Schools and Faculties.

STAFF DEVELOPMENT PROGRAMS

As staff training in teaching and learning at all levels is seen as the single activity most likely to increase the quality of education at UNSW, additional staff development programs in teaching and learning have been introduced.

FOUNDATIONS OF UNIVERSITY LEARNING AND TEACHING PROGRAM

This comprehensive program aims to introduce new teaching staff to the theory and practice of teaching and learning at university, and to assist them to develop a conception of teaching as a reflective practice, drawing from the academic's own practice, the experience of students and colleagues and educational theory and student learning research. The five-day intensive program is followed by two additional one-day workshops, one mid-semester and one at the end of the semester.

GRADUATE CERTIFICATE IN UNIVERSITY LEARNING & TEACHING

For staff interested in improving their teaching, this program includes a range of courses designed to help them develop the knowledge and skills they need to become more effective educators. Completion of the Graduate Certificate provides advanced standing in UNSW's postgraduate program in Higher Education.

IMPROVING STUDENTS' FIRST YEAR EXPERIENCES

Recognising the critical importance of UNSW's students' first year experience, working groups will identify and share strategies that academics are using to enhance the learning of their students in first year, and to find ways to support the expansion of the practice of peer mentoring, so that every first

year student at UNSW has the opportunity to be a member of a peer support scheme.

QUALITY SYSTEM

A comprehensive plan to assure the quality of the educational experience at UNSW has been introduced and a Quality System Development Group will be appointed early in 2002. UNSW volunteered to be part of the Trial Audit process conducted by the Australian Universities Quality Agency (AUQA) in 2001, as it believed this would facilitate the Operational Goal of having a Quality System of international best practice within four years. The report from AUQA was positive and UNSW was complimented on its openness in the audit and its outcomes in teaching and research. Many of the constructive suggestions in the report will be implemented in our revamped Quality System.

AWARDS

The team from the Kingsford Legal Centre, which provides clinical legal education for law students, won an Australian Award for University Teaching in the category of Law and Legal Studies. Quality Teaching Awards from the Australian College of Education went to Frances Gibson from the Kingsford Legal Centre and to Dr Michael Harrap, from the School of Aerospace and Mechanical Engineering, University College.

UNSW Vice-Chancellor's Awards for Teaching Excellence were presented to the School of History's team of Drs Raelene Frances and Bruce Scates, and to the School of Social Work's Ms Karen Heycox in the

Faculty of Arts and Social Sciences. Dr Elizabeth Tancred from the Department of Anatomy in the School of Medical Sciences at the Faculty of Medicine was also the recipient of a Teaching Award.

EXPANSION OF EDUCATIONAL TECHNOLOGY

The Educational Development and Technology Centre (EDTeC) provides a range of services to support UNSW staff involved in the development and implementation of programs of study. A core responsibility of EDTeC is to improve teaching quality and enhance the educational experience of students by providing staff development in teaching and learning, and by developing and expanding the use of educational technology and flexible teaching modes at UNSW.

EDTeC provides training, support, resources and advice in educational development, encompassing flexible education, instructional design and teaching support for new and mid-career academics. EDTeC also works to support online teaching by incorporating online components in courses using WebCT infrastructure such as server and software, user and course account management and technical assistance. Tools for supporting educational programs include web, graphic and video technologies, and the Learning Resource Catalogue of learning objects.

In 2001, EDTeC was involved in the development of, and contribution to, the Innovative Teaching & Educational Technology Fellowship Scheme, in conjunction with the Pro-Vice-Chancellor (Education). EDTeC's involvement with the ITET fellows will continue in 2002.

EDTeC also developed the Learning Resource Catalogue (LRC), an innovative web application for cataloguing and finding any combination of learning objects/resources that may be used in course construction. The LRC was developed for Universitas 21 (U21) universities and their partners

and will help the uptake of educational technology. In 2002, further LRC developments, coupled with the initiation of pilot projects across the U21 universities, will further increase the value of this resource.

WebCT infrastructure was enhanced to provide increased levels of support and efficiency of service for UNSW WebCT courses. In particular, this involved the development of a student account management system, which partially integrates with NSS, so students are enrolled automatically in WebCT courses. The increasing level of usage of the WebCT server and the importance of the service to the University's core business has necessitated a major investment in the upgrade of the WebCT infrastructure, which will take place over 2002-2004.

There has been an increased level of WebCT usage in UNSW courses and the number of active students enrolled in WebCT courses rose from 3,000 in July 2000 to 17,000 in October 2001, and the number of active course accounts from 70 to 191. The majority of these courses use WebCT to supplement rather than replace face-to-face teaching.

EDTeC has developed a course, 'Educational Technology in Learning and Teaching', for academic staff, which is part of the UNSW Graduate Certificate in University Learning and Teaching.

The EDTeC web site, employing interactive web/database technologies, provides online access to information and EDTeC services, and streamlines the event registration process.

EDTeC continued to provide training, support and one-on-one consultation in the areas of teaching and learning and educational and supporting technologies. In 2001, EDTeC offered 129 workshops to a total of 1,056 participants. Of these workshops, 99 were in area of WebCT and 23 in educational development. There were 84

consultations, of which 61 were in area of educational development and 20 in WebCT, and 15 seminars on educational development and technology to a total of 534 participants.

THE UNSW CO-OP PROGRAM

The UNSW Co-op Program is an industry-linked scholarship program for undergraduates offered in a range of programs in the Faculties of Commerce and Economics, Science and Engineering.

The UNSW Co-op Program aims to attract, select, educate and develop outstanding students with leadership potential; to involve industry in the development of a pool of exceptional graduates from which they can recruit their best staff; and to provide an increased level of interaction between the University and the community at large. The scholarship is \$11,150 pa, increasing in 2002 to \$12,500 pa. This translates into more than \$5.7 million support from industry sponsors in 2001.

In 2001, the Co-op Program offered 113 new Scholarships – 35 to the Faculty of Commerce and Economics, 39 to the Faculty of Science and 39 to the Faculty of Engineering. There are 512 Co-op scholars in total across the four to five years of the degree programs – 127 in Commerce and Economics, 195 in Science and 190 in Engineering. We were pleased to have Ross Fowler, CEO of Alcatel and Roger Gibson, Manager Strategy and Commercial at Telstra, present on behalf of the sponsors at the Induction Ceremony in March.

THE ABORIGINAL EDUCATION PROGRAM

The Aboriginal Education Program (AEP) continues to have a clear mission to further the access, success and integrated development of the University's Indigenous Australian undergraduate and postgraduate students. The AEP operates from the Aboriginal Students Centre, in close

proximity to the University's Kensington campus, endeavouring to achieve excellence in education services, professional education standards and the quality of the learning environment at the University for Indigenous Australian students.

During 2001, there was a total of 90 identified Indigenous Australian undergraduates and three postgraduates studying at the University. There were 33 Indigenous Australian students in the Faculty of Law; 21 in Arts and Social Sciences; nine in Art and Design in the College of Fine Arts; 10 in Medicine; eight in Science;

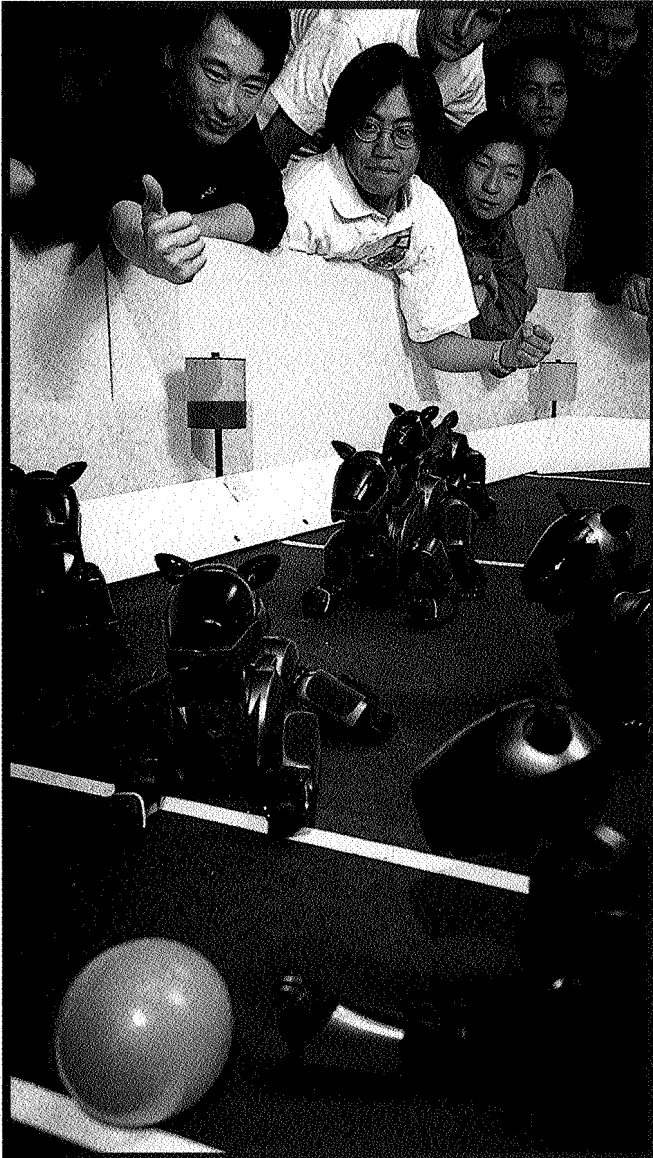
four in Commerce and Economics; three in the Business School of Taxation; two in the National Institute of Dramatic Art; two in the Built Environment; and one in the Australian Defence Force Academy.

Many of the Indigenous undergraduate students had accessed and utilised the various support facilities and services provided by the AEP through the Aboriginal Students Centre throughout the year.

Among AEP highlights for 2001 was the launch, in collaboration with the Faculty of the Built Environment, of the new Built Environment

Preparatory Program for Indigenous students interested in architecture, the built environment and town planning; the launch of the new AEP sponsored pilot Home Instruction Program for Pre-school Youngsters (HIPPY) at La Perouse School, in collaboration with the University, the La Perouse Aboriginal community and La Perouse School; and the development of the proposed new Commerce and Economics Preparatory Program (CEPP) for Indigenous students, in collaboration with the Faculty of Commerce and Economics.

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UNSW's student programmers successfully *defended their world title* in the Sony Legged Robot League at the *2001 Seattle RoboCup*, an international scientific/sporting event. Computer Science and Engineering students, *Martin Siu, Spencer Chan, Tom Vogelgesang and Tak Fai Yik*, defeated teams from leading universities around the world in programming the *highly complex* robo-cats to *play soccer* autonomously on a miniature soccer field.

FACULTY NOTES

FACULTY OF ARTS AND SOCIAL SCIENCES

The Faculty had its first intake into the new four-year Bachelor of International Studies which requires a year's 'in-country' study, and Bachelor of Social Science in Criminology. The student demand for both programs was strong and the quality of those admitted was high. The Faculty also enrolled students in a suite of new Masters by Research programs, tailored for those who want some research experience or to pursue an area of research at some depth, but who do not want to commit themselves to the time required for a Masters (Honours) degree or a PhD.

Professor Ian Tyrrell (School of History) was elected to the Australian Academy of the Humanities and Professor Conal Condren (School of Politics and International Relations) was elected a fellow of the Academy of the Social Sciences in Australia, becoming the first member of the University to have been elected to both it and the Academy of the Humanities. Dr Hal Colebatch (School of Social Science and Policy) was elected a Fellow of the Institute of Public Administration of Australia. Associate Professor Richard Cashman and Tony Hughes (Centre for Olympic Studies) were awarded the Pierre de Coubertin Medal for services to Olympic Studies by the Carl Diem Institute in Germany.

Faculty staff have also been very successful in winning internal awards. A Vice-Chancellor's Award for Teaching Excellence was jointly won

by Drs Rae Frances and Bruce Scates for their team-teaching in the School of History, and also by Karen Heycox, especially for her work in Field Practicum courses in the School of Social Work.

Staff have also been enthusiastic about new initiatives in teaching support. Drs George Argyrous and Susan Keen (School of Social Science and Policy) and Associate Professor Bill Ashcroft (School of English) have been awarded ITET Fellowships to utilise educational technology for the enhancement of teaching and learning. Dr Andrew Davidson (School of Sociology) was awarded a Universitas 21 Fellowship to develop aspects of Web-based teaching.

The Faculty maintained a high level of research activity throughout 2001. Professor Martyn Lyons (School of History) began an ARC Large Grant project and Drs Bruce Scates and Rae Frances both received individual ARC Large Grants in the last round. Professor Janet Chan (together with a Social Policy Research Centre consortium), was successful in obtaining a research contract of \$370,000 to evaluate the NSW Youth Drug Court (2001-2003). The Centre for Community History was awarded a \$10,000 grant from the Heritage Office of NSW for a study, to be web-published, of Greek Settlement in the State. Associate Professor Michael Matthews (School of Education) was awarded an ARC Discovery grant for a project on the History, Philosophy and the Teaching of Pendulum Motion in High School. Professor Philip Bell (School of Media and

Communication) was also successful in securing an ARC large grant.

The Faculty's publication *Show Cause* which has short, public interest articles from the Faculty's academic staff and postgraduate research students and is circulated to interested alumni and others, has steadily increased its circulation and is drawing increasingly favourable responses.

The School of Theatre, Film and Dance hosted, for the first time in Australia, the Annual Conference of the International Federation for Theatre Research. This major world conference in theatre and performance studies was attended by the largest number of international academics in the field ever to visit Australia at one time, including delegates from the UK, Holland, Spain, USA, Canada, Japan, Korea, Singapore, the Philippines, India, Russia and Poland. The School also supported and hosted a conference, 'Technologies of Magic: Ghosts and their Machines', in conjunction with Macquarie University, at the Museum of Contemporary Art. Diana Olsberg's Centre for Aging and Retirement also ran a conference on 'Economic Policy Summit on Women and Retirement Savings'.

FACULTY OF THE BUILT ENVIRONMENT

Throughout 2001, the Faculty of the Built Environment (FBE) has received a variety of external grants for initiatives including a grant from the NSW Department of Education and Training for the development and conduct of a Built Environment Preparatory Program for Indigenous Students. The UNSW/UWS

Australian Housing and Urban Research Institute received grants totalling more than \$500,000 during the second round of funding. Interbath, a company specialising in the distribution of 'AAA Rated' Energy Smart showers, has made a grant to the Sustainable Living Competition run by the Centre for a Sustainable Built Environment.

FBE continued to expand its international activities during 2001. Interior Architecture and Industrial Design students exhibited 'object & space' at Salone Satellite, Milan, the world's most prestigious design gathering. Students from the FBE participated in a two-week intensive Urban Design Masterplanning Studio on the rapidly developing historic city of Suizhou, in Hubei Province, China. This was a joint studio with students and staff from the National University of Singapore and Wuhan University. The Masters of Urban Design program held joint studios with Tongji University in Shanghai, China and in Mumbai, India.

The Faculty also furthered relations with government agencies in China through several short courses. A four-week course was held at the FBE, during which delegates from the Ministry of Inspection and Ministry of Construction, produced a strategic plan for the first stage of an integrated Chinese construction industry database. The FBE also conducted a Urban Construction and Management professional development program for 18 senior managers and administrators from the Daqing Municipal Government.

The Faculty established the Centre for a Sustainable Built Environment with aims to consolidate various research areas, focus more on multidisciplinary activities, strengthen existing links and forge new alliances with the industry.

As part of an exhibition for the Sydney Home Show, FBE students designed and documented a three-bedroom house that was constructed

by TAFE students and MBA apprentices during the Show.

Staff and students of the Faculty have been the recipients of a wide range of industry and academic awards during 2001. Professor Denny McGeorge was awarded the President of Australian Institute of Quantity Surveyors Award for Lifetime Contributions to the Surveying Profession. Associate Professor Desley Luscombe was recognised for her contribution to the architecture profession by being made a Fellow of the Royal Australian Institute of Architects. Mr Harry Stephens, Senior Lecturer and Head of the Interior Architecture Program, and Mr Lance Green, Senior Lecturer and Head of the Masters of Industrial Design Program, were made Fellows of the Design Institute of Australia. In February 2001, Associate Professor Robert Freestone received the Planning Scholarship Award at the RAPI NSW 2000 Awards for Excellence for *The Australian Metropolis: A Planning History* (a book jointly-edited with Mr Steve Hamnett). Professor Tong Wu, Dean of the FBE and Pro-Vice Chancellor (International), was awarded the Multiplex Constructions Vision Award for advancing and furthering Women in the Construction Industry at the National Association for Women in Construction Awards.

Students of the FBE who received awards during 2001 included Violet Tuan Mu, Year 3 student of Interior Architecture, who was awarded first prize at the 2001 DIA Designex Student Interior Design Competition, and Phillip Leijtjen a Bachelor of Town Planning graduate who received the Royal Australian Planning Institute's 2001 Young Planner of the Year award.

Research publications during 2001 included: *UNSW Campus: A Guide to its Architecture, Landscape and Public Art* by Associate Professor Desley Luscombe, *The Architecture of East Australia, An Architectural History in*

432 Individual Presentations by Mr Bill McMahon, *Urban Planning in a Changing World* by Associate Professor Robert Freestone, *Crisis Management in Construction Projects* by Associate Professor Martin Loosemore and *Foundation Director 8.5* a tutorial based exploration of Macromedia's Director Software Program.

COLLEGE OF FINE ARTS

The College of Fine Arts (COFA) enjoyed another notably successful year in 2001. A major new research centre was established, the College's structure was further developed, and a range of conferences contributed to the liveliness of the academic program. Students and staff won or were granted prestigious competitions and awards, and student demand for places in the undergraduate and graduate courses within COFA's Schools continued to be strong.

The Centre for Interactive Cinema Research, established in 2001, is the first research centre in Australia to focus on the research and development of a digitally expanded cinema. The Centre has its origins in an international research collaboration between COFA and ZKM, Centre for Art and Media, Karlsruhe, Germany, which resulted in world-class research outcomes.

In the International Drawing Research Institute's first year of operation, teaching exchanges were organised with Institute partners; 'Drawing Connections', an international conference on contemporary drawing was held, as was 'Anxiety: the Drawn Figure', an exhibition of international drawing. 'The Art of Reconstruction', a film examining one aspect of the Institute's work, was also produced.

The School of Art divided in October 2001, resulting in a new School of Media Arts and a revitalised School of Art housing the disciplines of Painting, Drawing, Printmedia and Sculpture/Performance/Installation. School of Art students and staff won

competitions and were granted awards and scholarships in unprecedented numbers. These included Adjunct Professor Richard Goodwin and MFA student Claire Healy (both represented in the selected exhibition for the prestigious Helen Lempriere Sculpture Award), and student Ms Monika Tichacek-Damhius, who won the Helen Lempriere Travelling Art Scholarship. Professor Elizabeth Ashburn organised a successful international congress on interdisciplinary practice entitled 'Intersections of Art and Science'.

The School of Art Education's research profile continues to grow nationally and internationally, with a sharp rise in the number of publications over the year. A number of distinguished international scholars have contributed to research and teaching activities, leading colloquiums and seminars. Demand for associated publications is strong. The COFA 'ART-EXPRESS' exhibition, which continued to attract ever-larger crowds, and the seminar series, maintained the School's tradition of art educational advocacy and contributed to ongoing dialogue with students, teachers and the public.

Staff in the School of Art History/Theory were actively involved in convening and presenting papers at a number of international and national conferences, and the School now hosts the only refereed scholarly art history journal published in Australia, the *AAANZ Journal of Art*. Associate Professor Joanna Mendelssohn successfully completed a ITET fellowship and Dr Diane Losche won a ARC Discovery Grant. The School commenced teaching the Master of Art Administration as a distance education program in Singapore.

Staff and students of the School of Design published successfully in various forms, ranging from major exhibitions and conferences ('E-Textiles' and 'Design Management' Sydney; 'Designing the Olympics' Beijing) to

national and international design publications. Rick Bennett was the recipient of the Vice-Chancellor's Teaching Award using New Technology; Ms Astra Howard, the first design recipient of the Samstag Scholarship and Ms Zoe Veness, the only Australian jeweller invited to participate in the prestigious Talente Exhibition in Germany. Undergraduate and graduate enrolments continue to increase in Sydney and Singapore.

The School of Media Arts, established in October 2001, includes Photomedia, Time-Based Art and Digital Media. Student demand for these courses is particularly strong. Web-CT teaching programs are currently being developed in a number of areas, facilitated by the ITET fellowship awarded to staff member Mr John Colette.

The UNSW Ivan Dougherty Gallery's ambitious 2001 program celebrated the Centenary of Federation, recent art from Pakistan, contemporary Jacquard weaving, drawing from Glasgow, Beijing and Sydney, and digital video by Australians and Europeans created through Karlsruhe's ZKM new media centre; each was amplified by a significant conference. COFA's exhibition program also included an array of shows at the COFA Space and the Students' Association's Kudos Gallery.

FACULTY OF COMMERCE AND ECONOMICS

In 2001 the Faculty had considerable success in research funding, with 12 ARC Grants (up from seven in 2000), and funding of \$5.315 million for 2002-04 for a Systemic Infrastructure Initiative in which the Faculty was a major participant. Research enrolments increased to 91.8 EFTSU in 2001, compared with 78.7 EFTSU in 2000. Although final DETYA publications data have yet to be received, there was a 30 per cent increase in publications in 2000. During the year the Faculty increased its commitment to the Cooperative Research Centre in

Capital Market Technologies, appointing a Professor to lead the Faculty's involvement there.

Demand for the Faculty's educational programs continued to be strong. Undergraduate local enrolments led to a UAI cut-off of 94.5 in 2001 for the BCom, and of 90.1 for the BEc. Postgraduate local demand was also strong, despite intensifying competition in the postgraduate coursework market in Sydney. International demand for the MCom exceeded expectations, reflecting the Faculty's strong participation in overseas markets, and the reputation built up over many years.

The growing proportion of overseas students is one of the Faculty's strengths, as it moves steadily towards an increased emphasis on a global perspective throughout its curriculum. It is also a challenge to staff to manage diversity in the classroom, and to students to respond to a learning environment and language setting which may differ considerably from that with which they are familiar. With this in mind, Faculty has continued to invest in the operation of an Educational Development Unit, which provides close, continuing support and advice to both staff and students.

During the year the Faculty continued its development program in China, focusing on the establishment and maintenance of long term academic partnerships with key institutions. Agreement has been reached to establish an MCom program in Finance in Shanghai, in partnership with the Shanghai Jiao Tong University, and in Beijing, in partnership with the Beijing University of Aeronautics and Astronautics and the Beijing Technology Exchange Training Centre. Overall, UNSW and the Faculty are held in high esteem by the Chinese Government for their leadership role in defining and implementing a successful model of international cooperation in higher education.

As might be expected in disciplines that are changing as rapidly as those represented in the Faculty, there is a continuing need to innovate in the development and introduction of new programs and courses. In 2001, a special program in e-business was introduced in the MCom, and attracted a large enrolment. Faculty has also received Council's approval for new advanced Master's degree in Finance and in Business Information Technology for introduction in 2002. At the undergraduate level a new specialisation in Management was introduced in 2001.

To gain a better understanding of the use of ET in teaching, the Faculty initiated a program leading to the creation of CD ROM support for nine Year 1 undergraduate and five postgraduate courses. This facility would be used both in Sydney and overseas in partnership with leading academic institutions. This development is experimental, allowing Faculty to benchmark new teaching procedures.

In 2001 the Faculty Advisory Board began to meet. This Board comprises leading members of the Sydney business community and is actively engaged with Faculty in the development of long term strategic planning.

The Faculty has established one new research centre: the Centre for Pension and Superannuation, linked to the School of Economics. Five conferences were sponsored by Schools in the Faculty in 2001: Banking and Finance held the Australasian Finance and Banking Conference in December, and Third Way / Policy framework for Australia in July; the School of Information Systems, Technology and Management held the Sydney ISSI 2001-Eighth International Conference on Scientometrics and Informetrics in July, and the ASWEC Australian SoftWare Engineering Conference in August; and the School of Actuarial Studies held the Research and Actuarial Studies UNSW Symposium in November.

FACULTY OF ENGINEERING

2001 was a year of change for the Faculty of Engineering. The Dean, Professor Mark Wainwright took up the position of Deputy Vice-Chancellor (Research and International) from the start of the year, with Associate Professor Tim Hesketh as Acting Dean for the whole of 2001. Professor Brendon Parker has been appointed as Dean, beginning 2002. At Faculty level, a new committee was formed dealing with Occupational Health and Safety.

The Faculty continued to grow in size to around 7000 students and 500 staff spread over 10 Schools and Centres. New undergraduate degrees in Bioinformatics and Photonics were introduced and a Process Engineering postgraduate coursework program was started. All undergraduate degree programs in the Faculty received Institution of Engineers accreditation (or provisional accreditation for new programs) in a very positive accreditation visit.

The Graduate School of Biomedical Engineering has developed a bioreactor for the expansion of human umbilical cord blood for clinical applications. Research on biocompatibility of a novel blood purification system is continuing in a new collaborative venture with the developers of the technology. The School continues to develop online courses and will commence new combined degree programs with Materials Science and Mechatronics in 2002. The University's agreement with Tohoku University was enhanced when the first graduate from the Chemical Engineering combined program attended the Third Japan-Australia Cardiovascular Bioengineering Symposium in Sendai, with Professor Abe, the President of Tohoku University.

Chemical Engineering and Industrial Chemistry continued to build research strengths, with growth of existing Centres, the establishment of international collaborative projects with Vivendi Water (France) and

Intitut de Mechanique de Fluids de Toulouse. Roya Sheikholeslami received a Goldstar Award.

The School of Civil and Environmental Engineering was awarded six Discovery Grants for 2002 to follow six new ARC Large Grants in 2001, making it the most successful school of its kind in the country. Professor Mark Bradford was awarded an Australian Professorial Fellowship and Professor Ian Gilbert was the 2001 Eminent Speaker of the Structural College Board of the Institution of Engineers Australia. Mr Stephen Moore was awarded the Vice-Chancellor's Award for Teaching Excellence, and Mr Tristan McWilliam was named by IEAust as the 2001 Engineering Student of the Year. In common with other Schools, a Remote Outback Solar desalination Installation (ROSI) student-led project was started.

Computer Science and Engineering (CSE) commenced research as a member of the CRC for Smart Internet Technology. The School has approximately 2000 students (100 in research degrees and 200 undertaking postgraduate coursework), and is the largest School in the Faculty. Consolidation in the new CSE Building continued, with modification and occupation of a further fourth floor wing, and teaching commenced in a number of new specialist laboratories. Research groups are active in artificial intelligence, computer systems engineering and software engineering. The CSE student team was once again successful in the international Robocup competition, defeating Carnegie Mellon 9-2 in the final. Two programming teams finished first and second in the ACM South Pacific Regional Programming Contest and one will contest the world finals in Hawaii.

The School of Electrical Engineering and Telecommunications has developed a superb Virtual Classroom facility, which enables

interactive teaching simultaneously at UNSW and remote universities, particularly Imperial College and Mahanakorn University. They have enjoyed research success in data networks and health informatics, and received the IEEE Award for excellence in power distribution engineering. The School continues to strengthen ties in nanotechnology and quantum computing in collaboration with the School of Physics.

Mechanical and Manufacturing Engineering is developing plans for expansion of laboratory facilities. A student-led project competed successfully in the Formula-SAE racing car competition.

Mining Engineering was successful in an application for an Engineering Science Lectureship, in conjunction with the Minerals Industry Advisory Council. Courses are being developed for mixed-mode delivery with the Universities of Queensland and Western Australia. The School continues to enjoy considerable support from the mining industry.

Petroleum Engineering started a postgraduate distance learning program in 1999, which now has more than 50 Australian students. The School was also awarded a grant of \$1 million to test the feasibility of geothermal energy generation in Australia in collaboration with industry.

The Special Centre for Photovoltaic Engineering and associated research centres have enjoyed considerable industry take-up of UNSW photovoltaic devices. BP recently announced a five-fold expansion of their production of UNSW buried contact cells in Spain. The PV-powered house in the Olympic Village at Homebush used cells manufactured by BP under license from UNSW, and is one of three million such houses to be built worldwide by 2010. A new thin-film polycrystalline silicon technology is currently being commercialised by Pacific Solar Pty Ltd, and should result in significant reduction

in the production costs of solar cells.

Surveying and Spatial Information Systems is the new name for the former School of Geomatic Engineering. The School has been instrumental in the design and construction of a Millennium Sundial in the Quadrangle. The School is also now the proud owner of a Cyrax 3-D laser scanner, purchased with Faculty assistance.

FACULTY OF LAW

In 2001, the Faculty celebrated the 30th anniversary of the founding of the Law School.

Professor Jill McKeough was a member of the Intellectual Property Competition Review which reviewed legislation under the Competition Principles Agreement between the Commonwealth and the States. Significant amendments to intellectual property legislation, particularly the Patent and Copyright Acts, resulted from the review. With another expert, Professor Paul Redmond completed a review of legal education and training in Hong Kong. The review's recommendations are presently before government.

The Baker & McKenzie Cyberspace and Policy Centre was established to provide a focus for research, public interest advocacy and education on issues, or law and policy, concerning digital transactions in cyberspace. The Centre, named for its principal sponsor the international law firm Baker & McKenzie, has a distinctive, public interest perspective on these issues which are often treated from a primarily technical viewpoint.

AustLII, a joint initiative between UNSW and UTS Faculties of Law, has extended its international network of legal information institutes with the launch in July 2001 of PacLII, the Pacific Islands Legal Information Institute, an important initiative in developing legal resources in the region.

Professor George Williams, Director of the Gilbert & Tobin

Centre of Public Law was a successful partner in three major ARC grants in 2001, on international challenges to the Australian legal system posed by developments in trade and human rights, public law implications of a treaty between Indigenous and non-Indigenous Australians, and Australian electoral law.

The Communications Law Centre launched the Oz NetLaw web site to provide legal advice in areas of law relating to the Internet. Information is available on issues including online gambling, e-commerce, secure economic transactions and defamation. Students undertaking clinical practice for the Internet Legal Practice course contribute to its operations.

In conjunction with NSW Young Lawyers, the Faculty's Adviser to Indigenous Students has developed a mentoring scheme for Indigenous students to assist them bridge the gap between law student and lawyer. This scheme was recognised with an award by the Law Council of Australia and the Chair of NSW Young Lawyers Community Services Committee (Ms Jennifer McVicar, LLB '95) received the Law Council of Australia's Young Australian Lawyer of the Year 2001 award for contributions including her role in the scheme.

The Faculty introduced new internship programs in 2001, with the Office of the Legal Services Commissioner, the Public Interest Advocacy Centre and through the Law School's Social Justice Project, involving students in on-campus social justice centres associated with the Faculty. The initiative enables students to gain experience in action-oriented research and advocacy outside conventional legal practice.

New scholarships were introduced in 2001 with a particular focus on Indigenous students and students for whom financial disadvantage is a significant impediment to successful study. The Deutsche Bank offers Indigenous students a generous

scholarship, vacation employment and the prospect of continuing part-time employment during later studies.

In 2001, the Faculty continued to be the first ranked major Australian Law School in terms of overall satisfaction in the Course Experience Questionnaire conducted by the Graduate Careers Council of Australia. The teachers of Kingsford Legal Centre were awarded the National Teacher of the Year Award (Law and Legal Studies) by the Australian Universities Teaching Committee. Kingsford Legal Centre, which celebrated its 20th anniversary in 2001, also received the 2001 Quality Teaching Award made by the NSW Minister for Education and the Australian College of Education.

A major review of teaching and learning at Australian law schools, funded by the Australian Universities Teaching Committee, is based at UNSW and chaired by the UNSW Dean of Law. The review is examining curriculum development and ways of teaching to assess how well the needs of Australian students and employers are being met.

The Faculty was a partner with the Public Interest Advocacy Centre in a successful tender for a National Pro Bono Resources Centre funded by the Commonwealth to strengthen *pro bono* culture within the Australian legal profession.

UNSW law students established a prisoner education program in 2001 at Long Bay and Mulawa correctional centres, where volunteer law students assist inmates with literacy and numeracy skills, including essay-writing to assist those inmates undertaking tertiary study.

ATAX, AUSTRALIAN TAXATION STUDIES PROGRAM

ATAX continued to strengthen its position during 2001 as Australia's leading provider of tax education, training and research. ATAX experienced exceptional demand with

student numbers increasing by over 30 per cent to 1,300. A strong growth in enrolments from other Schools and international students was also experienced.

Once again, ATAX received extremely favourable outcomes from the Course Experience Questionnaire and the Graduate Destination Survey for 2000. The BTax was ranked the top UNSW undergraduate program, with an 81 per cent overall satisfaction rating. This outcome demonstrates the substantial commitment of ATAX staff to excellence in teaching, the development of course materials of the highest standard, and a program of education innovation including greater use of online teaching.

A number of major staffing changes occurred during 2001. In July, Associate Professor Chris Evans assumed the reins as ATAX Director from Professor Bob Deutsch. In Session One, two new staff joined ATAX and in late 2001, a further three academic appointments were made with effect from early 2002. A new Marketing Manager was also appointed mid-year with a remit to develop a more strategic approach towards marketing activities.

Tax reform and legislative change were again pivotal, resulting in constant revision of materials, conference opportunities, and an important role for our staff to research and comment on important, topical tax issues. Six conferences and master classes were held, the most significant, on the proposed Tax Value Method, was sponsored by the Board of Taxation with the proceedings published by the Australian Tax Research Foundation. Four ATAX staff presented papers.

ATAX staff continued to be amongst the leading tax researchers, frequently presenting at international conferences. Professor Nina Crimm, St Johns University New York and Professor Ernie Larkin, Georgia State University visited under our research fellowship program. ATAX also hosted

numerous other international visitors, many of whom presented seminars and spoke at our conferences. Interest during the year was expressed in the UK, Ireland, South Africa, and Singapore in developing an institution within their respective countries based on the ATAX model. This clearly highlights the high international standing of ATAX as a leading tax education, training and research institution.

FACULTY OF MEDICINE

Several staff members of the Faculty of Medicine have been recognised for their outstanding achievements. Professor Rakesh Kumar and Dr Mary Done were recipients of Vice-Chancellor's Awards for Teaching Excellence, and Dr Lisa Maher won the highest honour in the NHMRC 2001 Health Volunteer Awards, in recognition of her role in providing health outreach to young people associated with drug use. Emeritus Professor John Ham, Clinical Associate Dean of Prince of Wales Clinical School and Head of the Department of Surgery at the Prince of Wales Hospital, retired this year after more than 30 distinguished years with UNSW Medicine.

Excellence in research within the Faculty of Medicine has again been widely recognised. Dr Levon Khachigian was awarded the AMGEN Medical Researcher Award 2001 for work in developing special enzymes which control the growth of smooth muscle cells and thickening of the arteries after cardiac balloon angioplasty. Associate Professor Philip Hogg won the 2001 Commonwealth Minister's Award for Excellence in Health and Medical Research for his ongoing work in better understanding diseases such as cancer, HIV/AIDS and thrombosis through research on protein function. This work also saw him awarded the inaugural GlaxoSmithKline Australia Award for Research Excellence.

A grant of US\$1.4 million from the US National Institutes of Health Center for Disease Control has enabled Associate Professors Andrew Lloyd, and Professors Denis Wakefield and Ian Hickie to expand a study on the outcomes of infection from diseases such as Ross River virus, glandular fever and Q fever.

Work on the development of a new undergraduate medical curriculum continued throughout the year, and the new curriculum has now been endorsed by the UNSW Academic Board on its pathway through the University's approval process. Teaching in the new curriculum will focus on the importance of experiential learning in contextually relevant work and will promote considerably increased degrees of horizontal and vertical integration. The new teaching methods are expected to be introduced to later year MBBS students in 2003 and to all MBBS students by 2004. In line with this, a Student Selection Coordinator has been employed to streamline the new student selection process, which will incorporate UAI, UMAT and interviews and which is expected to apply from the 2003 intake of students.

As part of an initiative to expose students to a range of teaching methods, an exchange program has been developed with the University of Oslo, with up to three students from each institution being on exchange for up to six months, at any given time. Participating students will pursue an academic program developed in consultation with their home institution, which will provide core experience in Obstetrics and Gynaecology, and Paediatrics.

The first integrated Multicultural Health Program within a medical teaching setting in Australia, an initiative of Professor Maurice Eisenbruch, Professor of Multicultural Health, was launched in 2001.

The School of Rural Health was established with the expansion of the rural medical training program to the

mid-north coast of NSW. This follows the success of the Greater Murray campus in helping to counter the shortage of doctors in Australia's rural and regional areas.

The new UNSW Medicine web page was launched in mid-2001, incorporating thousands of dollars of design and creative input which was donated by The Creative Zoo.

The feasibility of the development of the Sydney BioHub, incorporating UNSW's Kensington campus, is being examined. The University signed a memorandum of understanding with the NSW Government to explore the possibility of creating a major biomedical research and development centre, establishing the capacity for virtual links to national and international research clusters, and ensuring that Australia is at the forefront of biomedical and biotech research.

Thirty Year 5 and Year 6 students, in conjunction with the Faculty and the UNSW Foundation, launched an innovative Medical Students Aid Program, which raised over \$25,000 in cash and over \$30,000 in-kind, to support hospitals in Samoa, Tonga, India and Malawi.

An increase in public support of the work of UNSW Medicine has been evidenced by several new scholarships, including the Baxter Scholarship (a combined Medicine/Engineering scholarship), two scholarships from Mr and Mrs Ainsworth to support cancer research and neuroscience, the David Walsh Memorial Scholarship and a postgraduate travel scholarship.

A capital campaign to fit out research laboratories in the Research and Education Centre at St George Hospital achieved its \$2 million target. Support was received from local community clubs, companies, individuals and the NSW Government by way of cash, pledges and equipment.

A special alumni event brought together graduates of Medicine's inaugural year – 1961. Members of this year continue to donate to perpetuate

the Founding Medal Prize (a peer supported prize) presented at the undergraduate graduation each year.

FACULTY OF SCIENCE

Structurally, 2001 was dominated by amalgamation of the Faculties of Science and Technology and Life Sciences into a single Faculty of Science, effective 1 July 2001. As a consequence, three large Schools have been created from the merger of existing Schools or parts of Schools. These are: Biotechnology and Biomolecular Sciences (from Biochemistry and Molecular Genetics, Microbiology and Immunology and Biotechnology), Biological, Earth and Environmental Sciences (Geology, Physical Geography and Biological Science) and Chemical Sciences (Food Science and Technology and Chemistry).

During the restructuring process the Faculty continued to achieve high performance in teaching and research. This is strongly exemplified by the success in ARC grants. Science secured 37 out of 75 Discovery projects gained by UNSW, plus 14 Linkage projects. Most Schools received significant funding. In addition, NHMRC project grants were awarded to researchers in Microbiology and Immunology and Psychology. Substantial research funding was also gained in Centres where UNSW has established a strong reputation, including quantum computing, corneal and eye research, gene function analysis (funded by the Clive and Vera Ramaciotti Foundation) and bioengineering.

Among individual achievements, Professor Robert Clark's award of a Federation Fellowship was outstanding. This award recognised his groundbreaking work in the development of a silicon quantum computer. His work involves close collaboration with the Los Alamos National Laboratory, major international companies and with universities in America, Britain and Australia.

Eminent researchers were recognized in a number of fields. Professor Warwick Couch was one of a handful of Australian scientists to receive awards from The Institute for Scientific Information for his influential work in astrophysics. Professor Ian Sloan received the Lyle Medal from the Australian Academy of Science for his research in computational mathematics. A number of leading scholars were also honoured with the title 'Scientia Professor' in recognition of their outstanding research performance. In addition to Professor Robert Clark, these were Professors Michael Cowling (mathematics), Ian Dawes (genetics), Brien Holden (vision research) and George Paxinos (brain research).

Many younger researchers also made their mark. Dr Brett Neilan was awarded the 2001 Eureka Prize for scientific research for his work on the biodiversity of toxic and bloom forming cyanobacteria, using their toxicity to assess water quality. Dr Dianne McDougald, a researcher in the Centre for Marine Biofouling and Bio-Innovation was awarded a Merrill Lynch award, which included meetings with venture capitalists interested in commercialising her research. Dr Amanda Barnier received the Australian Institute of Political Science Young 'Tall Poppy' award, for her work on hypnosis, memory and amnesia.

The Faculty also supported major research in environmental science across a number of Schools. The Centre for Materials Research in Energy Conservation was established, which is part of an international network aiming to reduce greenhouse emissions by funding alternative renewable energy resources. The Centre hosted Professor Tomihoro Taniguchi, Vice-Chair of the Intergovernmental Panel on Climate Change.

Teaching developments include a new undergraduate degree, BSc (Nanotechnology), which arises from an important collaboration between the

Schools of Materials Science, Chemistry, Physics and Biochemistry. With the appointment of two Associate Deans to oversee educational developments (Associate Professor Aldo Bagnara) and student affairs (Dr Ian McFarlane), the Faculty is prepared for the next stage of curriculum review. More than half the University's Innovative Teaching and Educational (ITET) Fellowships awarded in 2001 and 2002 have been to Faculty staff and the expansion of expertise through this program and similar activities will be used to develop new Science programs.

The Faculty recognises the importance of bringing Science to the public eye. Physicists, Associate Professor John Webb, Professor Victor Flambaum and Drs Michael Murphy and Vladimir Dzuba, achieved international media coverage after the publication in *Physical Review* of their work suggesting that fundamental astronomical constants may not indeed be constant, but might vary with time.

The Faculty's recruitment activities have been enhanced by appointment of an Associate Dean (International), Professor Ken Buckle, who is working to increase the demand of overseas students to study Science at UNSW. Another area of promotional activity is a responsibility of the Associate Dean (Research), Professor David Black, who is developing linkages between industry and research groups in the Faculty.

AUSTRALIAN GRADUATE SCHOOL OF MANAGEMENT

The AGSM solidified its position as the region's leading business school in 2001. The London *Financial Times* survey rated our MBA program number one in Australasia and number 42 worldwide, the only Australian school in the top 50. This was a dramatic improvement on the 2000 ranking of number 65.

The MBA (Executive) program was rated number one in Australasia and number 13 worldwide. The AGSM

was the only Australian school in the top 50 and one of only two Australasian schools in the top 20.

In one crucial measurement however, the AGSM was number one in the world. When alumni of the top 100 business schools were asked if they had achieved their goals or reasons for doing an MBA, 91 per cent of AGSM alumni said yes, more than those of any other school.

Staff have also been very active in their research, publishing several books, 33 journal articles and presenting 23 conference papers during the year. Books published during the year include Professor Lex Donaldson's *The Contingency Theory of Organizations*; Professor Michael Vitale's (with P Weill), *Place to Space*; Professor Grahame Dowling's *Creating Corporate Reputations: Identity, Image, and Performance*; and Dr Robert Westwood's (co-edited with S Linstead), *Language and Organisation*.

Other published research work includes 'Motivation and information search on complex tasks' in *Work Motivation in the Context of a Globalizing Economy* by Professor Robert Wood (with J George-Falvy and S Debowski); *The Art of Chinese Management: Theory, Evidence and Applications* by Dr Kai-Alexander Schlevogt; *Psychology of Job Design* by Dr Sharon Parker (with TD Wall) in the *International Encyclopedia of the Social and Behavioral Sciences*; 'Robust nonparametric methods' by Professor Simon Sheather (with TP Hettmansperger and JW McKean), in *Statistics in the 21st Century*, and 'Level functions of some optimal value functions' and 'Regularized gap functions and D-gap functions for variational inequalities' by Research Fellow HuiFu Xu, in *Optimization and its Related Topics*.

In other awards, an ARC grant was awarded to Professor Timothy Devinney, Director of the Centre for Corporate Change, (with P Auger and J Louviere), to measure the utility value

of ethical consumerism. PhD candidate Mr Mike Higgs and Professor Robert Wood's (with C Taberero) paper on 'Individual differences in implicit theories and stereotyping behaviour in organisations', was selected as one of the five best papers at the Fourth Australian Industrial and Organisational Psychology Conference. Professor Simon Sheather was elected an honorary fellow of the American Statistical Association for his '... fundamental contribution to statistical methodology in nonparametric and robust statistics; teaching of business statistics; (and) editorial service'.

The School's MBA program was overhauled following a review of delivery and outcomes for both students and employers. Beginning in 2002, students can complete the MBA program in 15 months instead of 22. The new schedule means full-time students spend less time away from their careers. The revised curriculum places increased emphasis on information technology, e-commerce, globalisation and workplace diversity. A second-year mentor helps each first-year student, and a 'Buddy Network' of native English speakers helps students from non-English-speaking backgrounds.

Dr John Toohey was appointed Principal and Deputy Director. Professor Chris Adam accepted the role of Associate Dean (Faculty). Associate Professors Robert Marks and Timothy Devinney were promoted to Professor. Emeritus Professor Murray Kemp will be Visiting Professor in Economics for three years.

UNIVERSITY COLLEGE (AUSTRALIAN DEFENCE FORCE ACADEMY)

For much of 2001 the focus was on the Ministerial 'Review into Military Postgraduate Education' (Zimmer Phase 1), and more particularly the 'Review into the Educational Services

delivered through the Australian Defence Force Academy' (Zimmer Phase 2). While the former was concerned with postgraduate education in Defence at large, its acknowledgement of the place of UNSW was welcomed.

The second review concluded *inter alia* that the Academy should remain as the primary source of officers with undergraduate degrees and that the educational service at the Academy should remain with UNSW for the term of the revised Agreement, subject to the satisfactory renegotiation of a new contractual Agreement.

Professor Stewart Woodman was appointed as the Foundation Director of the Graduate Studies Institute, to provide overall academic leadership and strategic direction for the Institute so that the University can effectively and efficiently play its part in responding to the growing demand for postgraduate education (primarily from Defence).

Several significant curriculum initiatives were developed in response to Defence requirements. At the undergraduate level, studies in Leadership and Management and Strategic Studies will be available in Bachelor programs from 2002 to provide midshipmen and officer cadets with an academic introduction to areas of specific relevance to their later professional lives. A new Bachelor of Technology in Aviation program was initiated for personnel selected for Navy or Air Force pilot training and Defence signed an agreement with the University to provide an establishment grant to develop this degree. At the postgraduate level, Masters-level residential short courses have been developed for Australian Defence Force Aerospace Engineers, who will qualify for a Master of Engineering Science in Aerospace Engineering through this intensive delivery mode, or by combining it with on-campus/distance modes.

A contract has been signed with Air Force, initially for five years.

Whilst there were fewer staff retirements and resignations than in 2000, the turnover remains greater than that in the 1990s, reflecting the age profile of the College. This has been an opportunity to recruit staff with a new range of expertise and potential, especially in developing fields.

Senior staff changes included the retirement of Ms Sally Phillips, Director Student Administration and the appointment of Ms Maxine Brown; the retirement of Mr Tony Ralli, Academy Librarian and the appointment of Mr Cliff Law; the resignation of Associate Professor John Baird, Head of the School of Aerospace and Mechanical Engineering and his replacement by Associate Professor Joseph Lai.

Staff continued with their success in gaining research grants. University College staff were awarded 11 major ARC grants, five directly to the College and six through collaborative projects with other universities or with UNSW's Kensington campus. The Commonwealth funding through the Research Training Scheme has strengthened the position of University College to make applications for external funds.

University College changed its financial year from the Commonwealth government financial year to a calendar year, in line with the rest of the University and the funding cycle for university grants.

The Business Development Office, established to provide specialised support for research and entrepreneurial activities has completed a very successful first year.

For the second year running, a UNSW graduate from ADFA was awarded a Rhodes Scholarship. Lieutenant Luke Jones is a 2002 scholar, and this follows the award last year to Lieutenant James Watson.



DR JOHN WEBB and his team from the School of Physics *received worldwide attention* and *high praise* from fellow astrophysicists when they *published their discovery* that the *basic laws* of *physics* might be changing slightly as the *universe ages*. The *confirmation* of these results would have profound *implications* for fundamental physics.

RESEARCH CENTRES

There are 74 research centres at UNSW, with the following new research centres established during the year: the Centre for a Sustainable Built Environment, the Centre for Advanced Macromolecular Design, and the Mood Disorders Research Centre.

The Centre for Computational Learning Systems, the Centre for Franchise Studies and the Centre for Research in Finance have been disestablished.

Centres play a critical role in developing the University's research potential by creating additional opportunities for conducting and supporting research, particularly in inter- and multi-disciplinary areas, and by enhancing the research training environment. This role will need to be strengthened in order to respond to emerging research priorities and to changing Commonwealth funding parameters. The University has appointed Professor Colin Sutherland as Director of Research Centres to facilitate this evolution and to oversee a major review process for centres.

The main focus for this review, which commenced in 2001 and which will continue throughout 2002, is to maximise the value which UNSW's network of Research Centres adds to its research outcomes, to its staff and students, and to its community partners. The examples below illustrate the richness, diversity and strength of this network.

VASCULAR BIOLOGY RESEARCH

The Centre for Thrombosis and Vascular Research (CTVR) had a very successful year in 2001. CTVR

researcher Associate Professor Philip Hogg received the Commonwealth Minister's Award for Excellence in Health and Medical Research, 2001, and the GlaxoSmithKline Australia Award for Research Excellence, 2001. Fellow researcher Dr Levon Khachigian was awarded the AMGEN Medical Researcher Award, 2001 and inaugurated as a 'Young Tall Poppy' in July.

New and ongoing funding for CTVR in 2001 included: the renewal of the Vascular Biology NHMRC Program Grant for \$10 million over five years; two new NHMRC project grants with total funding of \$475,600 over three years; a NSW Cancer Council grant of \$200,000 pa; and a NSW Department of Health Infrastructure grant at \$645,000 pa. In June 2001 Beng Chong and Professor YL Lim from the National Heart Centre (NHC), Singapore, successfully obtained a project grant from the Singapore National Medical Research Council to study platelet inhibitors and their use for the treatment of coronary heart disease. The total funding is S\$1,769,470 over three years. The Wellcome Trust (UK) awarded \$483,872 to the CTVR in collaboration with colleagues from the School of Pathology and Medicine and the Children's Cancer Research Institute of Australia.

Three highly regarded scientists, Professor Roland Stocker, Associate Professor Wendy Jessup, and Dr Len Kritharides, will join CTVR in 2002 following the refurbishment of laboratory space. They will bring complementary expertise in cell biology, lipid

metabolism and free radical chemistry as applied to vascular disease. They also bring between them in excess of \$1 million pa in grant support and commercial partnerships. Around 25 scientists will join the CTVR as a result of this move.

LEGAL CENTRES

The Australian Legal Information Institute (AustLII) is a joint facility of the Law Schools of UNSW and UTS. In his 2001 'The State of the Judicature' address, the Chief Justice of the High Court of Australia lauded the work conducted by AustLII.

"One of the most notable achievements in relating technology to the work of courts has been that of ... AustLII." The Chief Justice noted that "AustLII has achieved international recognition. The search engine developed by it has been used both by the British and Irish Legal Information Institute (BaiLII) and the Canadian Legal Information Institute (CanLII) ... During a single month in 2000, the full texts of over one million cases were accessed on AustLII; an average of 34,000 per day." This deserved recognition was matched by substantial external funding, including \$215,000 from the ARC for research in the computerisation of law, \$85,000 from the Asian Development Bank, and more than \$250,000 from other national and international bodies.

Other Law centres at UNSW also performed well in 2001. In May the Cyberspace Law and Policy Centre was granted \$375,000 over three years by Baker and McKenzie. In December the UNSW Kingsford Legal Centre

won an Australian Award for University Teaching, in the category of Law and Legal Studies. The National Children's and Youth Law Centre received international recognition for their 'Lawstuff' web site with the presentation of the Childnet International Internet Award in April.

ADVANCED CHEMISTRY CENTRE

Researchers in the newly established Centre for Advanced Macromolecular Design (CAMD) received a total of \$2.6 million of new funding in 2001. These grants include: an ARC Discovery grant of \$700,000 over five years for the design of novel porous polymer membrane coatings; an ARC Linkage grant, including industry support, of \$480,000 over three years for an investigation of grafting of polymer surfaces for biotechnology applications; and an ARC Linkage grant, including industry support from BHP, of \$360,000 over three years to study novel coatings for steel. Two PhD students at CAMD received awards, including Michelle Coote who won the IUPAC Young Scientist Award - an international award given for the most outstanding PhD thesis in the general area of the Chemical Sciences.

OTHER ACHIEVEMENTS

The ARC Special Research Centre for Third-Generation Photovoltaics received the following external fund-

ing in 2001: \$400,000 from the ARC; ¥6,000,000 from the Research Institute of Innovative Technology for the Earth, Japan; and \$118,565 from the Sustainable Energy Research and Development Fund. The Centre Director, Professor Martin Green, was awarded a Federation Fellowship in the inaugural round. He also was awarded a Humboldt Foundation Senior Research Award 'in recognition of lifetime achievements in science'.

The Centre for Water and Waste Technology received: \$850,000 from the American Water Works Research Foundation and the CRC for Water Quality and Treatment for three years to study the fate and transport of pathogens in watersheds; a \$202,000 ARC Discovery grant to study factors influencing the bioavailability of iron in marine waters; and \$280,000 for three years to conduct life cycle assessments for the Refrigeration Institute and for Sydney Water's Waterplan 21.

The NSW Injury Risk Management Research Centre received: \$400,000 a year as part of the establishment grant from NSW Health, RTA and Motor Accidents Authority; \$134,000 from NSW Health for a project to develop a policy on falls in the elderly; \$77,000 from RTA for a project with a con-

sortium of road safety professionals; \$135,000 from the Australian Transport and Safety Board for project on fatigue management programs; and \$91,000 from NSW Health for project on developing indicators for falls in the elderly.

The Centre for Health Informatics commenced work in early 2001 on an ARC SPIRT grant developing an experimental online information retrieval system for use in a clinical setting. The project is funded over three years, with \$364,000 from the Commonwealth and \$1.2 million from the collaborating industry partner, Merck Sharp and Dohme (Australia) Pty Ltd.

The Centre for Tourism Policy Studies has received a commitment from Qantas Airlines Ltd for a total of \$450,000 over three years to sponsor the establishment of a Professorial Chair in Travel and Tourism Economics.

The Australian Centre for Construction Innovation received: \$150,000 from an industry consortium to study the causes of defects in construction, to assess their impact and to develop decision support tools that would assist industry to reduce or eliminate their occurrence; and \$72,000 from NSW Landcom to study innovation in the house building process worldwide.

COMMUNITY OUTREACH

Throughout 2001, UNSW continued its strong support for involvement in community service activities at the local, national and international level.

Locally, the UNSW Permaculture Community Gardens, open to participation from the local community, attracted some 40 volunteer gardeners and activities include gardening demonstrations, hands-on workshops and tours of the permaculture garden and adjoining ecoliving house. A walking tour of twelve works from the UNSW Art Collection entitled public art @UNSW, was created within the public domain of the Kensington campus.

Over the 2001 summer break, 19 students in Years 3, 4 and 5 from the Faculty of the Built Environment learned the hard way that designing a house in the real world is rarely a straightforward process. The students designed a 100 sq m, three-bedroom, rectangular, weatherboard house with a verandah, for The House That Youth Built, a feature of the 2001 Sydney Home Show. TAFE students and apprentices will now attempt to turn the design into reality in record time, with the house being auctioned and the proceeds going to the New Children's Hospital at Westmead.

The Shack, a youth centre in Maroubra, has been recruiting UNSW students as tutors since 1996, but it

was only in 2001 that the tutoring became one of the UNSW Union's volunteering programs. The UNSW Union promotes The Shack program to staff and students on campus, with more people wanting to tutor than the number wanting to be tutored. Students looking for tutoring assistance are drawn from Matraville, South Sydney and Maroubra high schools, with other high schools planning to enter the program.

The New South Wales Heritage Council and UNSW's Centre for Community History launched a project in conjunction with the Greek community to explore the history of the cultural heritage of Greek settlement in Australia. The New South Wales Heritage Council granted the Centre \$10,000 to review existing material on Greek history. By selecting and interviewing subjects within the Greek community, the Centre will identify heritage items, such as buildings, artefacts, and landscape, which demonstrate the contribution of Greek settlers to the historical development of New South Wales.

The Kingsford Legal Centre is both part of the University and a community legal centre. The Centre provides services on a state-wide and local basis and undertakes education, policy and campaign work to promote equality of

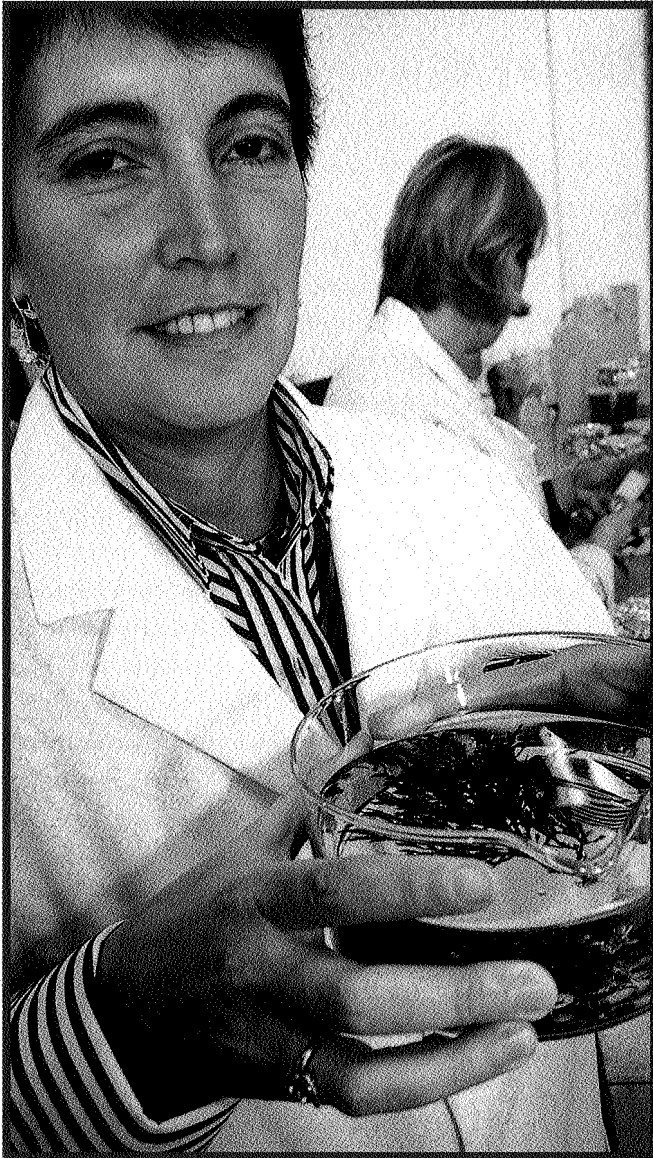
access to the legal system in Australia. The Centre provides free advice and referral and ongoing assistance to the residents of the local area in relation to legal problems. The Centre takes on cases where there is no other source of assistance or where acting for the client will benefit the community by achieving change in the law or government policy.

Throughout the year, the University provided free concerts and workshops with the Australia Ensemble and offered free public lectures, including by José Ramos-Horta, Nobel Peace Prize Laureate and Visiting Professor with the Faculty of Law.

Internationally, the University continued to support Community Aid Abroad's overseas and Indigenous Australia education fund by facilitating staff contributions directly to CAA through regular salary deductions.

Stimulated by observing shortages of very basic medical equipment and supplies whilst studying in Malawi, Mr Greg Fox led medical students in Years 5 and 6 to establish the Medical Students Aid Program to raise funds and provide medical equipment for hospitals in the developing world. This program is already helping to meet needs of hospitals in Samoa, India, Malawi and Tonga and is planned to expand.

U N S W



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DR DIANE
McDougald's
studies on *false*
biological
signals emitted
by seaweed
growing along
Australia's
south-eastern
coast won her
an international
prize for
innovation.
The previously
unknown
techniques used
by seaweed can
possibly be
adapted
to *prevent*
bacterial
infection in
humans.

PUBLIC AFFAIRS AND DEVELOPMENT

In 2001, Public Affairs and Development (PAD) continued to function as the operational arm of the UNSW Alumni Association and the UNSW Foundation, in addition to coordinating a comprehensive range of events and media liaison activities.

A particular focus in 2001 was the provision of support for the professional development of UNSW marketing and development staff. PAD initiated monthly meetings for the Marketing and Development Reference Group leading to increased levels of cross-Faculty marketing activities, and provided five Australian Quality Council courses. UNSW Best-Practice Guidelines were produced for the first time and distributed to all Marketing and Development staff, and the first multi-purpose Student Card and accompanying brochure focussing on student services was introduced.

Improved PAD services and access to information have been achieved through the establishment of a new web site and through the production and distribution of a PAD brochure.

EVENTS

'Back to UNSW' continues to grow in popularity. In 2001, alumni enjoyed a varied program of activities including the Leighton Holdings Lecture and tour of the Eastern Distributor, the inaugural Audi UNSW Vice-Chancellor's Golf Cup, Pioneers Luncheon and the keynote lecture by Dr Jim Bright, Senior Lecturer in Psychology at UNSW. The annual Alumni Awards reception also attracted 200 elite alumni from all fields of endeavour.

2001 also saw the creation of the Sports Lecture Series, supported by the Faculties of Law and Medicine and Unigym, the Sports Association and the Centre for Olympic Studies. Professor James Skinner, Visiting Fellow at the School of Physiology and Pharmacology, presented the inaugural lecture on 'People are Getting Fatter: Genes, Diet or Physical Activity Levels?', which appealed to a wide audience. The second lecture, 'Is Law Killing Sport', was presented by Ms Deborah Healey, senior associate with Blake Dawson Waldron. Both lectures were followed by an expert panel discussion.

The second Jack Beale Lecture Series on Global Environment was held in the Clancy Auditorium in November. The guest speaker, Dr Karl Henrik Robert, founder of the Natural Step, presented a lecture entitled 'The Hidden Leadership Towards Sustainability' to an audience of more than 800.

UNSW's first Postgraduate and Professional Development Expo was held in September, attracting more than 800 potential postgraduate students and providing career advice and course information.

More than 300 alumni and supporters of the University attended the annual Foundation Dinner in July to hear guest speaker, Steve Vamos, Chief Executive Officer, ninemsn Pty Ltd.

Alumni receptions hosted by the Vice-Chancellor were held in Brisbane and Melbourne, and senior University staff joined international alumni at reunion dinners in Singapore, Hong Kong and Kuala Lumpur.

In September, to celebrate the International Year of the Volunteer, the Chancellor, Dr John Yu, hosted a reception honouring the contribution of volunteers at UNSW, and their place in the University community.

Speakers at public lectures on campus during the year included José Ramos-Horta, Nobel Peace Prize Laureate and Visiting Professor with the Faculty of Law.

MEDIA

UNSW continued to attract a high level of coverage in 2001 in mainstream and specialist media. The achievements of the University were widely promoted, while our academics continued to make a significant contribution to public debate.

The media unit was responsible for the UNSW Web Front Page, posting on average two stories a week on major university events, awards and achievements. Publications such as *Uniken*, *Focus*, *Alumni News* and *Uniken in Review* kept staff, students, alumni and other stakeholders abreast of significant developments on campus.

ADVERTISING

In March, the Vice-Chancellor's Advisory Committee agreed to undertake a combined advertising approach for UNSW corporate and student recruitment advertising, and to employ an Advertising Coordinator based within PAD. This was designed as a 12-month trial to maximise the University's purchasing power, optimise the time and effort expended in this area, provide an enhanced source of advice for advertising

opportunities and placements, and improve coordination of combined advertising in major newspaper supplements.

Based on UNSW's large buying power, PAD has negotiated approximately 15 per cent discount on all advertising placements for Faculties/Schools/Centres, continuing reduced rate structures, distress placements and free advertising, regular priority positions, no loadings for prime positions and full-colour placements at the cost of mono.

More than 500 advertisements were placed in 2001, using more than 100 advertising mediums to service all University units. The placement of

combined advertisements has saved UNSW more than \$30,000 and achieved good positioning and maximum exposure. Additionally, all advertising sales calls and visits from media representatives have been handled by PAD, saving Faculty time.

PUBLISHING AND PRINTING SERVICES

In June 2001 the Registrar and Deputy Principal rearranged her portfolio to incorporate Publishing and Printing Services as part of PAD. During the year, the section processed in excess of 2,250 individual requisitions in the publishing area and more than 9,000 individual requisitions in the printing areas.

Publishing services were responsible for the design and production of, amongst others, the Faculty Handbooks and Calendar, the Annual Report, both the international and domestic prospectuses, and the international graduate study handbooks.

Printing services produced in excess of 50,000,000 A4 impressions during the year. During the months of February and July the section produced almost half of its total output.

The production of course packs and study kits prior to the commencement of each Session involves 12,000,000 impressions and to achieve this, the section operated for 18 hours per day, six days a week.

UNSW ALUMNI ASSOCIATION

Alumni Association membership renewals increased by five per cent in 2001, and a 15 per cent renewal rate from the graduand group was achieved. The College of Fine Arts alumni group was established as an official Chapter of the UNSW Alumni Association and strong links are being built between UNSW student organisations and the Alumni Chapter in Malaysia through the establishment of the Malaysian Industrial Training Program, which will be extended to other Chapters.

Professor Peter Murphy spoke at the 2001 UNSW Alumni/State Library lecture on 'Seachange: Reinventing Regional and Rural Australia', with the lecture attracting a 20 per cent increased attendance.

Merrill Lynch HSBC joined the Alumni Business Partners program,

offering a suite of exclusive financial services to UNSW alumni. The career development services offered by Ambition were successful in 2001, and the program continues to provide relevant services for all alumni.

Extensive work on the alumni database in 2001 improved data integrity by 30 per cent and resulted in improved rates of 'return-to-sender' mail, from seven per cent in 2000 to four per cent in 2001. This ensures that the Association can maintain contact with graduates in order to engage and involve both domestic and international alumni in the development and advancement of the University. Two issues of the *Alumni News* magazine were produced, now including profiles of alumni.

The importance of awards and

scholarships was highlighted in 2001 with more than 10 awards being presented to our honoured alumni, and five scholarships offered to support the children and grandchildren of UNSW alumni.

Four UNSW graduates who have made an outstanding contribution to their profession and their community were awarded prestigious UNSW Alumni Awards. Dato' David Koh (*BSc '72*) was honoured for his business and commerce achievements and his community service. His property interests range from luxurious and medium-cost housing, to alleviating housing shortages for the poor. Long service with Rotary has seen him fundraise and work on community projects to help students, the poor and the marginalised. His dedication to UNSW

THE UNSW ALUMNI ASSOCIATION BOARD OF GOVERNORS

Mr Charles McMonnies (*BSc '66, MSc '71*), President

Mr James Anderson (*BCom '73, MCom '82*)

Mr Peter Bergman (*BCom '63*)

Mr Matthew Cheng

Ms Carole Elvin (*GradDip ProfArtStud '86, MFA '91, MArtEd '95*)

Dr Penny FitzGerald (*PhD '97*)

Ms Joanne Green (*GradDip HR '92*)

Mrs Jennifer Horder (*BSc '75, GradDip Public Health '01*)

Mrs Jolyn Karaolis (*DipEd '78, MEd '86*)

Mr Jimmy Koh (*BE '64*)

Dato' David Koh (*BSc '72*)

Ms Tristen Langley (*BSc '99*)

Dr Jessica Milner Davis (*BA '65, PhD '73*)

Mr Paul Nicolaou (*BA '89, MCom '91*)

Mr Peter Noble (*LLB '76, BCom '76*)

Mr Julian Reynolds (*BCom '66*)

Dr Morgan Sant

Mr Fred Smith (*BE '96, LLB '96*)

Dr Adrienne Thompson (*PhD '73*)

Ms Gabrielle Upton (*BA '88, LLB '88*)

Mr Gary Vaughan (*BCom '65, MA '93*)

Mr Neville Whiffen (*MSc '56*)

Mr Benjamin Zipser (*BCom '92, LLB '92*)

is reflected in the revival of the UNSW Malaysian Alumni Association Chapter which, since his presidency in 1999, has become one of our most active.

Ms Brenda Croft (*MArtAdm '95*) was awarded for her contribution to the arts. An artist, writer, lecturer and Aboriginal rights advocate, Brenda Croft is a proud member of the Gurindji people, working to challenge preconceptions of Indigenous Australians in her art and career. As a founding member and later General Manager of the Boomalli Aboriginal Arts Cooperative in Sydney, a member of the National Cultural Heritage Committee and curator of Indigenous art at both the Art Galleries of Western Australia and Canberra, she has led the national effort to raise the profile of emerging Aboriginal artists.

The Reverend William Crews (*BE '68*) was honoured for his extensive community services. After

a stint volunteering at Kings Cross in 1971, Reverend Crews left his job as a microelectronics researcher to dedicate himself to community work. He joined the Wayside Chapel and helped create Australia's first 24-hour Crisis Centre and Life Education Centre. After studying theology he was ordained a Minister of the Ashfield Uniting Church in 1986, where he began the Exodus Foundation to provide support and counselling to the homeless.

Dr Timothy Flannery (*PhD '85*) was awarded for his contributions to science. Tim Flannery's studies in palaeontology and his later research work on kangaroos have enabled him to popularise this scientific field and bring it to life. Over 16 years as a research scientist, he traced the origins of kangaroos, finding 20 new species of tree kangaroo as well as researching rats and echidnas. He has written extensively on biological and

conservation issues, with one of his 12 books, *The Future Eaters*, winning the South Australian Premier's Literary Award and the Adelaide Festival Award for Literature in 1996. Now Director of the South Australian Museum, Tim is also a regular commentator on ABC radio and has curated numerous exhibitions at The Australian Museum in Sydney.

His Honour, Judge Barnabas Wah Fung (*BCom '84 LLB '85*), was awarded the Visiting International Alumni Fellowship for 2001 for his work in the administration of justice in Hong Kong for over fourteen years, and for his contribution to a range of community organisations.

Alumni receptions hosted by the Vice-Chancellor were held in Brisbane and Melbourne, and senior University staff joined international alumni and reunion dinners in Singapore, Hong Kong and Kuala Lumpur.

UNSW FOUNDATION

During 2001 the UNSW Foundation raised in excess of \$10 million and established 22 endowed scholarships, including \$571,000 from the Vice-Chancellor's Annual Appeal, for a variety of projects including capital works, medical research and rural scholarships. This represents a 20 per cent increase on funds generated in 2000 by the Foundation for the University.

As a result of the Foundation's ongoing fundraising efforts and the growing endowment funds, the Foundation was able to contribute \$1.9 million to support the University's mission of teaching and research.

More than \$5 million has been raised to date for The Scientia. The remaining \$1 million in pledges is expected over the next one to two years.

The Multiplex Chair of Engineering Construction Innovation was established, amongst other objectives, to increase research activity within the School of Civil and Environmental Engineering and increase resources available for research into engineering construction. Multiplex Constructions Pty Ltd has committed \$77,000 per year for five years towards the Chair.

A \$2.65 million bequest from the Estate of the late Elwyn Leamington Ellis has established the Elwyn Leamington Ellis Medical Research Fund for the Faculty of Medicine.

The Randwick District Rugby

Union Club / St Hilliers Scholarship was created with a gift of \$150,000 from Randwick District Rugby Union Club and St Hilliers Holdings Pty Ltd and a gift of \$50,000 from UNSW Sports Association. The Scholarship will assist students who are proposing to play from the Randwick District Rugby Union Club, who will make a significant contribution to the UNSW Rugby Club and who will undertake study in the Faculty of Commerce and Economics or the Faculty of the Built Environment.

The Prostate Cancer Research Fund, in collaboration with the Faculty of Medicine and the Prince of Wales Hospital Oncology Research Centre, has raised \$75,000. Members of the NSW Bar Association supported this research and several community groups also held events in support of Professor Pam Russell and her team.

A \$375,000 commitment from Baker and McKenzie has established the Cyberspace Law and Policy Centre which will provide a focus for research, public interest advocacy and education on issues of law and policy concerning digital transactions in cyberspace.

In memory of Mr John FitzGerald, Past-Chair of Novus Petroleum Limited, and in recognition of the company's active presence in Oman, Novus Petroleum has instituted a \$240,000 scholarship over six years to encourage students from

Oman to undertake postgraduate research in petroleum engineering at UNSW.

NewSouth Global Pty Ltd, a controlled entity of the University, donated \$1.55 million of surplus funds to the Foundation in 2001. The money was used to match on a dollar-for-dollar basis endowed scholarships managed by the Foundation.

The past year has been difficult for investors everywhere. However, the Foundation's annualised returns from its investments via the University's Treasury and Investment Office exceeded expectations, with 11.32 per cent for long-term investments and 8.73 per cent for short-term.

The Foundation worked during 2001 to enhance its communication with its donors via the biannual Developments magazine designed to recognise and encourage the philanthropic support of the University. In addition, via Public Affairs and Development, the Foundation's website provides additional information about the Foundation, its Directors and activities.

The Foundation greatly appreciates the support of its donors and thanks everyone who donated in 2001 and looks forward to their commitment in the future. The support of the Foundation, and in turn the University, is an investment in UNSW's future - a legacy that will serve future generations of students and staff.

UNSW FOUNDATION BOARD OF DIRECTORS

Mr Robert Sutton, Chair

Mr Robert Barry

Mr Michael Easson, AM

Mr David Gonski

Mr Maxwell Gosling

Mr Michael Grace, AM

Mr Peter Harrison

Mr Ken Haylon

Dr John Hirshman, AM

Councillor Lucy Hughes-Turnbull

Mr Wallace King, AM

Ms Christine Liddy

Dr Ronald Lu

Mr Bob Mansfield, AO

Mr Robert Maple-Brown

Mr Peter Mason, AM

Mr Donald McDonald, AO

Mr Paul Nicolaou, Chief Executive/Secretary

Professor John Niland, AC

Mr Daniel Petre

Mr Simon Poidevin, OAM

Mr Julian Reynolds

Mr Peter Ritchie

Mr Neville Roach, AO

Ms Patricia Rochford

Ms Catherine Rossi Harris, PSM

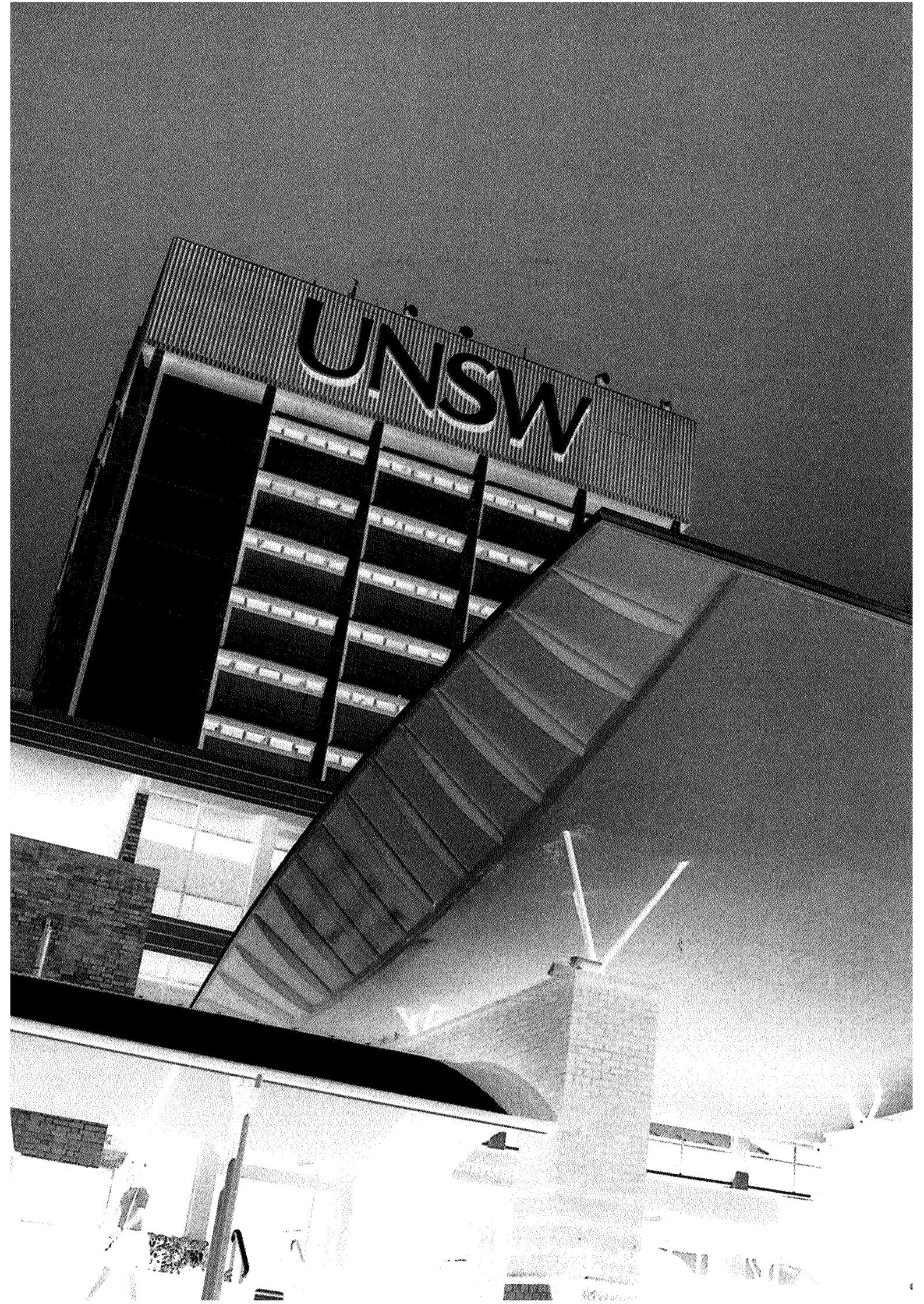
Mr Colin Ryan

The Hon Henry Tsang, OAM MLC

Sir William Tyree, OBE

Mr Albert Wong

Dr John Yu, AC



MAJOR BENEFACTORS

The University enjoyed wide support throughout the community in 2001 and records its gratitude to the following major benefactors:

**ALUMNI FUND
(ALUMNI ASSOCIATION)**

Ambition Careers & Recruitment
Group
Sydney

**BREACHES & PENALTIES
PROJECT
(FACULTY OF LAW)**

Brotherhood of St Laurence
Fitzroy

Jobs Australia Limited
Carlton

Mission Australia
Sydney

Salvation Army
South Sydney

Smith Family
Camperdown

**CENTRE FOR REFUGEE
RESEARCH
(FACULTY OF ARTS AND
SOCIAL SCIENCES)**

The Mercy Foundation Ltd
Waterloo

**CHAIR OF MODERN IRISH
STUDIES
(FACULTY OF ARTS AND
SOCIAL SCIENCES)**

John Hubert Plunkett Society
Sydney

**CYBERSPACE LAW &
POLICY CENTRE
(FACULTY OF LAW)**

Baker & McKenzie
Sydney

**DAVID MORRIS LIVER
CANCER RESEARCH FUND
(FACULTY OF MEDICINE)**

Mr Stanley Yee
Haymarket

**ELWYN LEAMINGTON ELLIS
MEDICAL RESEARCH FUND
(FACULTY OF MEDICINE)**

Estate of the late Elwyn Leamington
Ellis
Dee Why

**INDUSTRY ADVISORY BOARD
MEMBERSHIP
(FACULTY OF ENGINEERING)**

Vodafone Network Pty Ltd
Chatswood

**JACK BEALE ENVIRONMENT
FUND**

Dr Jack Beale, AO
Elizabeth Bay

**JEWISH STUDIES FUND
(FACULTY OF ARTS AND
SOCIAL SCIENCES)**

Anonymous

**JOHN LIONS CHAIR IN
OPERATING SYSTEMS
(FACULTY OF ENGINEERING)**

Mr Christopher H Maltby
Bondi

Mr Akira Nakamura
Kanagawa, Japan

Whitesmiths Australia Pty Ltd
North Sydney

**MEDICAL STUDENTS AID
PROJECT
(FACULTY OF MEDICINE)**

Mrs Liu Chiang Szu-Yung
Turner

**NSW MINERALS
INDUSTRY/UNSW EDUCATION
TRUST
(FACULTY OF ENGINEERING)**

NSW Minerals Council Limited
South Sydney

**PHOTONICS FUND
(FACULTY OF ENGINEERING)**

Redfern Integrated Optics
Eveleigh

THE SCIENTIA APPEAL

The San Diego Foundation
San Diego, USA

**SOCIAL JUSTICE PROJECT
(FACULTY OF LAW)**

Myer Foundation
Melbourne

**SOLARCH FUND
(FACULTY OF THE BUILT
ENVIRONMENT)**

Australian Greenhouse Office
Canberra

AGL
North Sydney

**SUNSWIFT
(FACULTY OF ENGINEERING)**

Hungry Jack's
East Sydney

**TELECOM RESEARCH
LABORATORY FUND (FACULTY
OF ENGINEERING)**

Ericsson AsiaPacificLab
Australia Pty Ltd
Broadmeadows

Sir Arthur T George, AO
Double Bay

Commissioner Kevin G Hoffman
Sydney

NewSouth Global Pty Ltd has
donated matching funds to the various
funds listed.

The following UNSW entities have
also contributed matching funds:

UNSW SCHOLARSHIPS

Mr Len and Mrs MC Ainsworth
Hunters Hill

Audi Australia Pty Ltd
Homebush Bay

Mr J Russell Baxter
Elizabeth Bay

Mr Peter Bega
Denham Court

Bishop Technology Group Ltd
North Ryde

Mr Grahame D Campbell
Greenwich

Coal Operations Australia Ltd
Grosvenor Place

Mr Harry and Mrs Marian Dixon
Mosman

Hostworks Ltd
Sydney

Ms Sue Lomasney
Ryde

Mrs Judith N MacIntyre
Cronulla

Novus Petroleum Ltd
Sydney

Ms Helen R Philpotts
Wollongbar

Project Action Pty Ltd
Frenchs Forest

Randwick District Rugby Union
Club/St Hilliers
Waterloo

Votraint No 4 Pty Ltd
Sydney

> The Faculty of the Built
Environment

> The Faculty of Commerce &
Economics

> The Faculty of Engineering

> The Faculty of Medicine

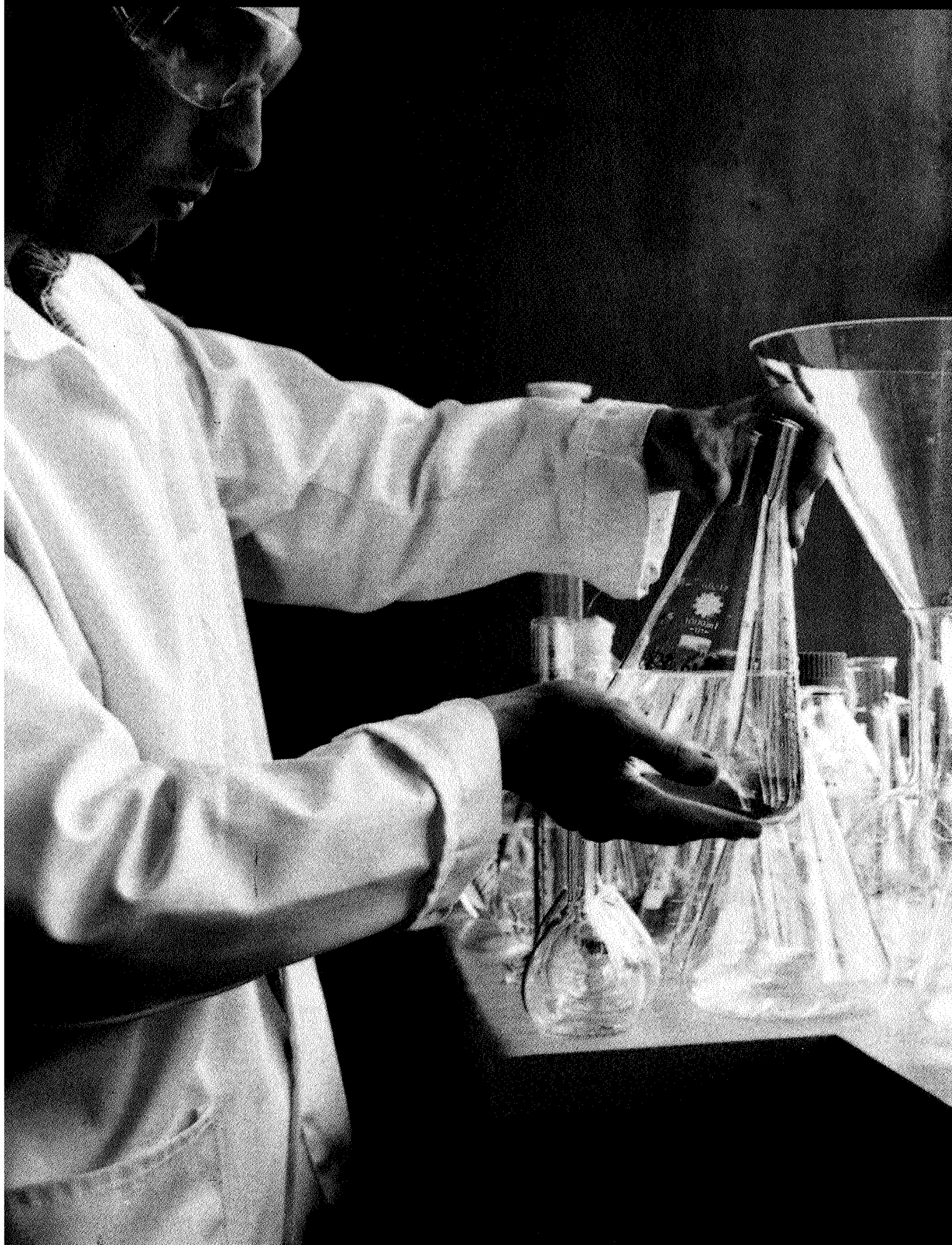
> The Faculty of Science

> The School of Civil &
Environmental Engineering

> The School of Mechanical &
Manufacturing Engineering

> The School of Mining
Engineering

> UNSW Sports Association



A black and white photograph of a laboratory setting. In the foreground, several pieces of glassware, including Erlenmeyer flasks and beakers, are arranged on a table. Some of the glassware has handwritten text, including the year '2001'. In the background, there is a window with a dark frame and a whiteboard or screen. The overall scene is brightly lit, possibly from a window or overhead lights.

Part THREE

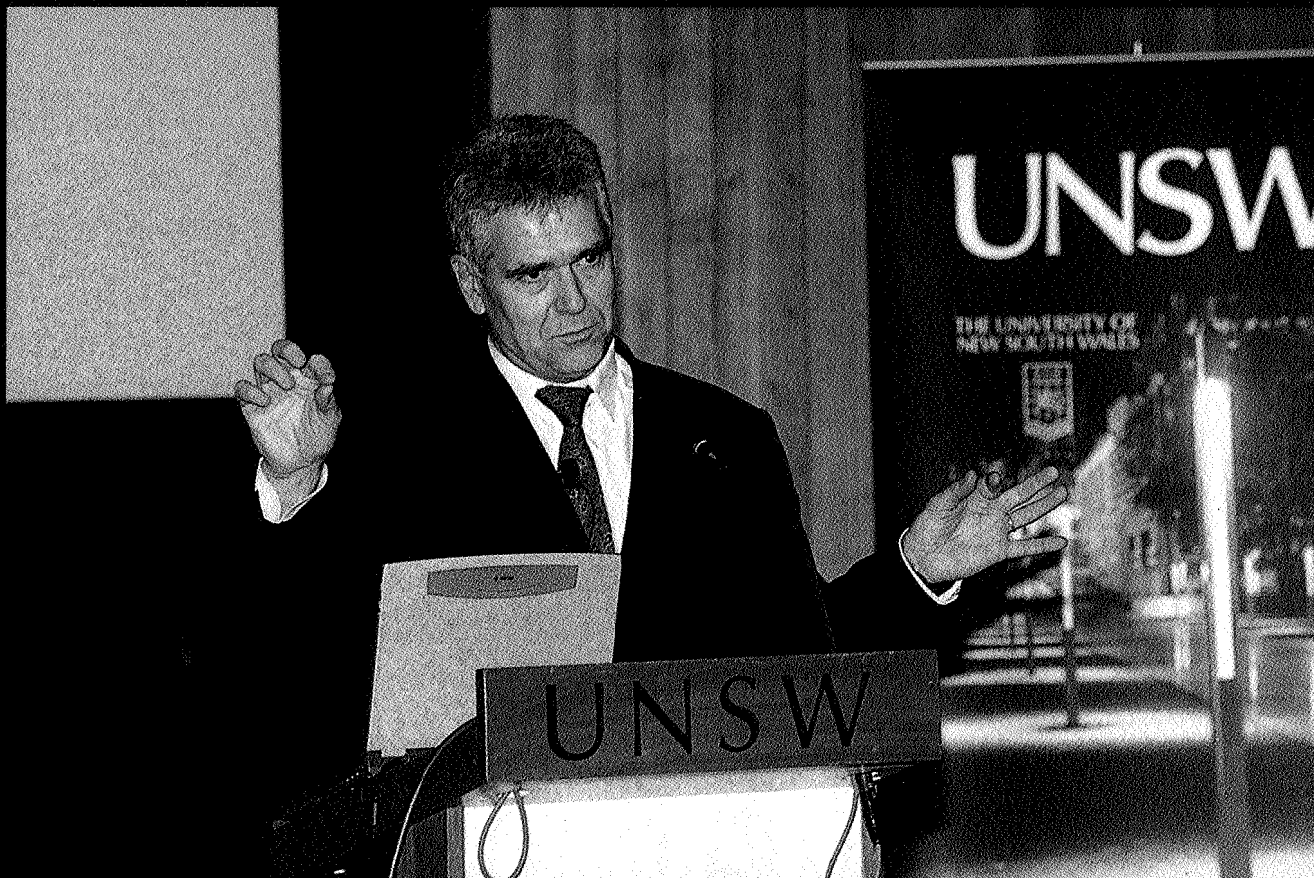
Membership of the Council _ 59

Membership of the Committees _ 60
of Council

Council and Committee _ 61
Members Attendance
in 2001

UNSW Senior Officers _ 62

Codes of Conduct _ 64



In public lectures on campus,
PROFESSOR TOMIHIRO
TANIGUCHI, Vice-Chair of the
Intergovernmental Panel on
Climate Change, warned of the
dangers of *global warming*.

International solar expert, Dr
Jeremy Leggett, discussed the
urgent need for solar power.

Leading Swedish cancer scientist,
Dr Karl-Hendrik Robért spoke on
how to achieve more sustainable
living and businesses.

COUNCIL OF THE UNIVERSITY OF NEW SOUTH WALES

MEMBERSHIP (AS AT 31 DECEMBER 2001)

OFFICIAL MEMBERS (3)

(for the terms of the respective offices)

Dr John Samuel Yu, AC, MB BS
(Hons) *Syd*, DCH *RCP&S Lond*,
FRACP, FRACMA, Chancellor
(four-year term)

Professor John Rodney Niland, AC,
BCom MCom *UNSW*, PhD *Ill*,
DUniv SCU, FASSA, Vice-
Chancellor and Principal (five-year
term)

Professor Kevin Malcolm McConkey,
BA (Hons) PhD *Qld*, FASSA, FAPS,
President of the Academic Board
(two-year term)

PARLIAMENTARY MEMBERS (2)

(hold office until replaced by election
in Legislative Assembly and
Legislative Council)

The Hon Mrs Deirdre Mary
Grusovin, AIPS, MP

Ms Lee Rhiannon, BSc (Hons)
UNSW, MLC

MINISTERIAL APPOINTMENTS (4)

(four-year terms to 30 June 2002)

Ms Catherine Mary Rossi Harris,
PSM, BCom *UNSW*, FAICD, Deputy
Chancellor

Mr Peter Edward Mason, AM, BCom
MBA *UNSW*

Mr John Henry Pascoe, AM, BA LLB
(Hons) *ANU*, AICD

The Hon Ms Susan Maree Ryan, AO,
BA *Syd*, MA *ANU*, AICD

ELECTED MEMBERS (11)

Elected graduate members (4)

(four-year terms to 30 June 2002)

Mr James Harold Anderson, BCom
(Hons) MCom *UNSW*, ACA

Dr Penelope Anne FitzGerald. BSc
(Hons) *Syd*, PhD *UNSW*, MIEAust,
MRACI, MASM, MAWWA,
MAWWA (US)

Mrs Jolyn Margaret Karaolis, BA
(Hons) *Melb*, DipEd MEd (Hons)
UNSW, FACE, ACEA, AHISA,
AHIGS

Dr Jessica Ruth Milner Davis, BA
(Hons) PhD *UNSW*

Elected members of academic staff (4)

(two-year terms to 30 June 2002)

Associate Professor John Joseph
Carmody, MD BS *Qld*, APPS,
ASHM

Professor Wai Fong Chua, BA (Hons)
PhD *Sheff*, ACA, CPA

Professor Jeremy Guy Ashcroft Davis,
BEc *Syd*, MBA AM *Stan*, FAICD

Dr Raelene Frances, MA *WA*, PhD
Monash

Elected member of non-academic staff (1)

(two-year term to 30 June 2002)

Mrs Beverley Anne Crane, BA
DipIM-Lib *UNSW*, GradDipAdultEd
UTS.

Elected student members (2)

(two-year terms to 30 June 2002)

Ms Linda Margaret Scott, BSc
(Psych) (Hons) *UNSW*

Mr David Alexander Hughes

MEMBER APPOINTED BY COUNCIL (1)

(four-year term to 2 August 2004)

Mr Brian Edward Suttor, BCom
UNSW, FCA, CPA

CHANGES IN MEMBERSHIP DURING 2001

The following ceased to be members
of Council during 2001:

Ms Harriet Jane Baillie

Mr Colin Francis Ryan

The following became members of
Council during 2001:

Mr John Henry Pascoe

Ms Linda Margaret Scott

MEMBERSHIP OF COMMITTEES OF COUNCIL

(AS AT 31 DECEMBER 2001)

CHANCELLOR'S COMMITTEE

Dr John S Yu, Chancellor
(Presiding Member)
Ms Catherine M Rossi Harris
Deputy Chancellor
Professor John R Niland
Vice-Chancellor
Professor Kevin M McConkey
President, Academic Board

FINANCE COMMITTEE

Mr Peter E Mason
(Presiding Member)
The Hon Ms Susan M Ryan
(Deputy Presiding Member)
Dr John S Yu, Chancellor
Ms Catherine M Rossi Harris
Deputy Chancellor
Professor John R Niland
Vice-Chancellor
Professor Kevin M McConkey
President, Academic Board
Mr James H Anderson
Mr Brian E Suttor

PLANNING COMMITTEE

Professor John R Niland,
Vice-Chancellor (Presiding Member)
Professor John E Ingleson
Deputy Vice-Chancellor
Professor Mark S Wainwright
Deputy Vice-Chancellor
Associate Adrian Lee
Pro-Vice-Chancellor
Professor Kevin M McConkey,
President, Academic Board
Professor Anthony H Dooley,
Deputy President Academic Board
Mrs Beverley A Crane
Professor Jeremy G A Davis
Dr Penelope A FitzGerald
Mrs Jolyn M Karaolis

STUDENT AFFAIRS COMMITTEE

Dr Penelope A FitzGerald
(Presiding Member)
Professor John E Ingleson
Deputy Vice-Chancellor
Professor Kevin M McConkey
President, Academic Board
Ms Crystal Condous
Registrar and Deputy Principal
Associate Professor John J Carmody
Dr Raelene Frances
Mr David A Hughes
Mrs Jolyn M Karaolis

AUDIT COMMITTEE

Mr Brian E Suttor
(Presiding Member)
Professor John R Niland
Vice-Chancellor
Mr James H Anderson
Mr Andrew N McMaster
Dr Jessica R Milner Davis

HONORARY DEGREES COMMITTEE

Dr John S Yu, Chancellor
(Presiding Member)
Professor John R Niland
Vice-Chancellor
Professor Kevin M McConkey
President, Academic Board
The Hon Mrs Deirdre M Grusovin
Mr David A Hughes
Professor Peter F Alexander
(alternate: Professor Eugenie R
Lumbers)
Professor Barbara J Gillam
(alternate: Professor Kenneth Thomas
Trotman)

COUNCIL AND COMMITTEE MEMBERS' ATTENDANCE IN 2001

In 2001 Council met nine times. The business of Council is normally channelled through one of its standing committees, namely, the Finance Committee, the Planning Committee, the Student Affairs Committee, the Audit Committee or the Honorary Degrees Committee. Academic matters are referred through the Academic Board. The agenda for the Council meeting is set by the Chancellor's Committee.

COUNCIL	Possible Attendances	Actual Attendances	COUNCIL	Possible Attendances	Actual Attendances
Dr J S Yu	9	8	PLANNING COMMITTEE		
Ms C M Rossi Harris	9	9	Professor J R Niland	5	3
Professor J R Niland	9	9	Professor K M McConkey	5	5
Professor K M McConkey	9	9	Ms H J Baillie	4	4
Mr J H Anderson	9	8	Mrs B A Crane	5	2
Ms H J Baillie	7	7	Professor J G A Davis	5	2
Associate Professor J J Carmody	9	8	Professor A H Dooley	5	4
Professor W F Chua	9	8	Dr P A FitzGerald	5	5
Mrs B A Crane	9	8	Professor J E Ingleson	5	4
Professor J G A Davis	9	9	Mrs J M Karaolis	5	4
Dr P A FitzGerald	9	9	Professor A Lee	5	3
Dr R Frances	9	8	Professor M S Wainwright	5	4
The Hon Mrs D M Grusovin	9	9	STUDENT AFFAIRS COMMITTEE		
Mr D A Hughes	9	9	Dr P A FitzGerald	6	6
Mrs J M Karaolis	9	7	Professor K M McConkey	6	5
Mr P E Mason	9	7	Ms H J Baillie	4	4
Dr J R Milner Davis	9	9	Associate Professor J J Carmody	6	3
Mr J H Pascoe	2	1	Ms C Condous	6	5
Ms L Rhiannon	9	8	Dr R Frances	6	5
Mr C F Ryan	2	2	Mr D A Hughes	6	6
The Hon Ms S M Ryan	9	8	Professor J E Ingleson	6	5
Ms L M Scott	0	0	Mrs J M Karaolis	6	4
Mr B E Suttor	9	9	AUDIT COMMITTEE		
CHANCELLOR'S COMMITTEE			Mr B E Suttor	4	4
Dr J S Yu	11	10	Mr J H Anderson	4	3
Ms C M Rossi Harris	11	10	Mr A N McMaster	4	3
Professor J R Niland	11	8	Dr J R Milner Davis	4	3
Professor K M McConkey	11	11	Professor J R Niland	4	2
FINANCE COMMITTEE			HONORARY DEGREES COMMITTEE		
Mr P E Mason	6	6	Dr J S Yu	4	4
The Hon Ms S M Ryan	6	5	Professor J R Niland	4	3
Dr J S Yu	6	6	Professor K M McConkey	4	4
Ms C M Rossi Harris	6	4	The Hon Mrs D M Grusovin	4	4
Professor J R Niland	6	4	Mr D A Hughes	4	4
Professor K M McConkey	6	4	Professor P F Alexander	4	4
Mr J H Anderson	6	5	Professor B J Gillam	4	2
Mr B E Suttor	4	4	Professor K T Trotman	2	1

UNSW SENIOR OFFICERS IN 2001

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Duniv *SCU*, FASSA

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Professor MS Wainwright,
BAppSc MAppSc *Adel*, PhD *McM*,
CPEng, FTSE, FRACI, FIEAust

DEPUTY VICE-CHANCELLOR (EDUCATION AND ENTERPRISE)

Professor JE Ingleson,
BA MA *WA*, PhD *Monash*

PRO-VICE-CHANCELLOR (EDUCATION)

Professor A Lee,
BSc PhD *Melb*, MASM

PRO-VICE-CHANCELLOR (RESEARCH)

Professor EM McLachlan,
Bsc PhD *Syd*, FAA

PRO-VICE-CHANCELLOR (INTERNATIONAL)

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BArch *Calif Berkeley*, PhD *Calif Los Angeles*, MSc *Col*, MRAPI, RAIA

REGISTRAR AND DEPUTY PRINCIPAL

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BCom MLib *UNSW*

CHIEF FINANCIAL OFFICER

Mr CM Lidbury,
BCom *UNSW*, ASA

CHIEF INFORMATION OFFICER

Mr T Cope,
BSc *Hatfield Poly*

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DipArtEd *NAS*, GradDip Film/TV
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MB BS MD *Syd*, FACMG, FRACP

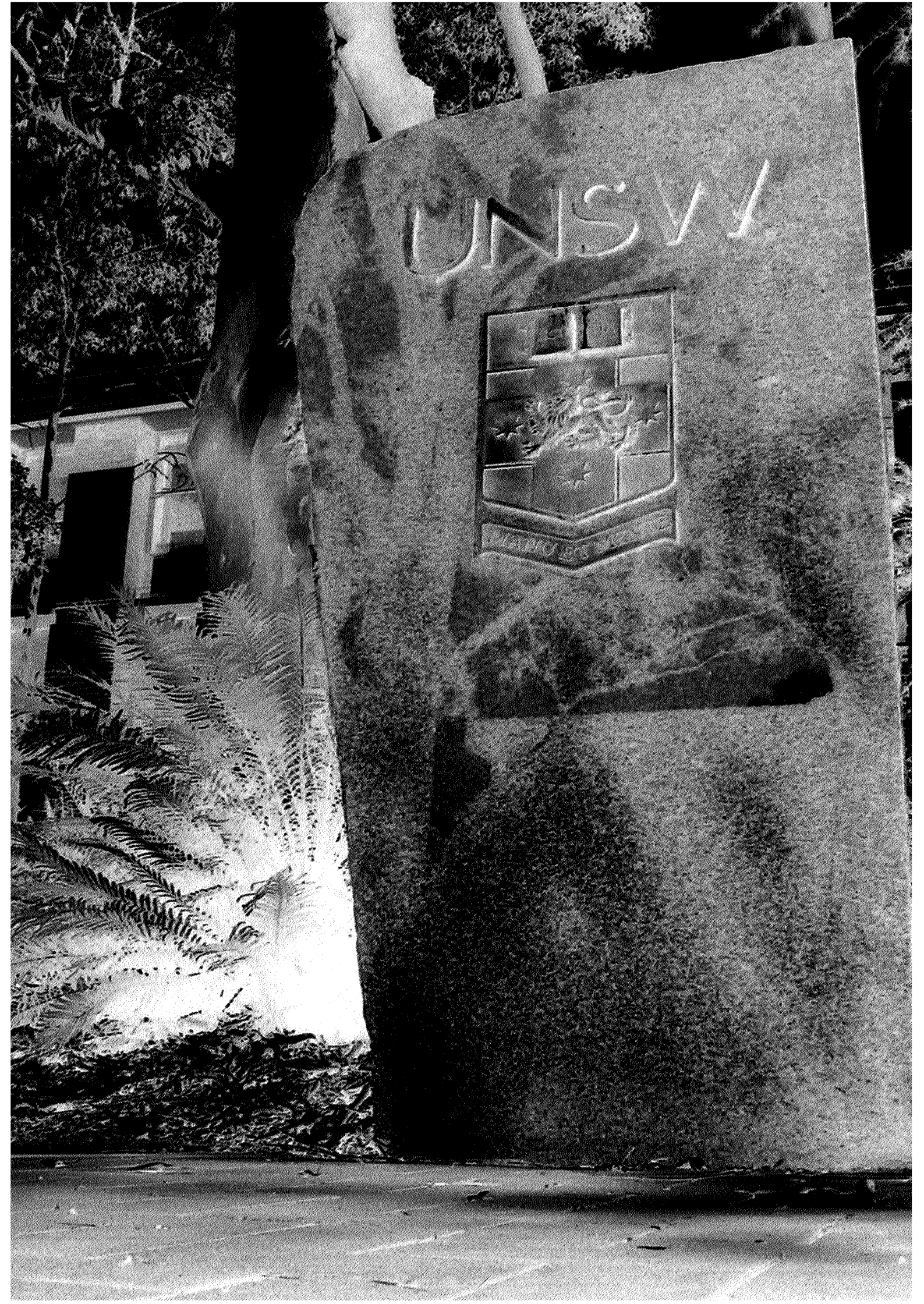
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Professor M Vitale,
BA *Mich*, MBA *Harv*, PhD
Dartmouth

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Professor R J King,
BSc DipEd PhD *Melb*

UNSVV



CODE OF CONDUCT FOR MEMBERS OF COUNCIL

The Code of Conduct for members of Council as approved by Council on 19 April 2000 is as follows (resolution CL 000/16(b)):

CODE OF CONDUCT FOR COUNCILLORS

- A A member of Council must act with reasonable care, skill and diligence
- B A member of Council must act honestly in the best interests of the University, at all times preferring the University's benefit to:
 - (i) his or her own advantage, whether financial or otherwise;
 - (ii) the advantage of any other person or organisation; or the advantage of the group qualifying to member for election or appointment to Council.
- C When a member of Council possesses directly or indirectly an interest which conflicts with his or her duty to the University, he or she should disclose that interest. An interest which arises solely as one which naturally follows from membership of the group qualifying the member for election or appointment as a Councillor and is not otherwise special or personal to the members is not an interest giving rise to an obligation to disclose.
- D A member of Council should not:
 - (i) disclose confidential information obtained in the course of official duties: or
 - (ii) use such information to gain directly or indirectly financial advantage for himself or herself or for any other person or organisation.

THE UNIVERSITY OF NEW SOUTH WALES CODE OF CONDUCT

This Code of Conduct is intended to guide UNSW staff to identify and resolve issues of ethical conduct that may arise in their employment. It is designed to guide staff in their dealings with colleagues, students, the University, and the national and international community. The Code is written as a set of general principles rather than detailed prescriptions. The Code stands beside but does not of course exclude or replace the rights and obligations of staff under common law.

The University is a complex organisation comprising a diversity of populations which have different relationships to one another. These may be relations of power and/or of status. It is essential in such a community that all members recognise and respect not only their own rights and responsibilities but also the rights and responsibilities of other members of the community and those of the University itself.

The University recognises that many of its academic and other professional staff are also bound by codes of conduct or ethics defined by learned or professional societies or groups. Academic staff in particular have multiple allegiances: to their disciplines or profession at national and international levels (the invisible colleges), to the academic profession; to the community at large; and to the University. It is recognised that these allegiances are not always in harmony. It is an obligation of a staff member to weigh the importance of these allegiances in each particular set of circumstances and

notify an appropriate officer of the University where such conflict does or may arise.

The University recognises and protects the concept and practice of academic freedom as essential to the proper conduct of teaching, research and scholarship within the University. While academic freedom is a right, it carries with it the duty of academics to use the freedom in a manner consistent with a responsible and honest search for and dissemination of knowledge and truth. Within the ambit of academic freedom lies the traditional role of academics in making informed comment on societal mores and practice and in challenging held beliefs, policies and structures. Where such comments are offered by academics as members of the University it is expected that those commentaries will lie within their expertise. That expectation is not intended to restrict the right of any academic to freely express their opinions in their private capacity as an individual member of society.

Every member of staff of UNSW has three primary obligations:

- > a duty of care to observe standards of equity and justice in dealing with every member of the University community;
- > an obligation to the University in terms of responsible stewardship of its resources and protection of its reputation in the wider community;
- > an obligation to act appropriately when a conflict arises between a staff member's own self interest and duty to the University. Where such conflict does or may arise, the issue

should be disclosed to an appropriate officer of the University and wherever feasible the staff member play no role in decision-making that might be associated with that issue.

When a staff member, whose position or role entails supervisory or management duties, is notified or becomes aware of a conflict or potential conflict of interest, his or her duty is to:

- > inform the staff member involved of the provisions of the Code of Conduct as a basis for deciding on an appropriate way to handle the issue;
- > where appropriate, notify the matter to a more senior colleague for further attention.

With respect to their duty of care, members of staff should:

- > treat students and other staff with respect;
- > not allow personal relationships to affect professional relationships;
- > refrain from all forms of harassment;
- > give due credit to the contributions of other members of staff or students;
- > refrain from acting in any way that would unfairly harm the reputation

and career prospects of other staff or students;

- > consider the desirability of intervening constructively where a colleague's behaviour is clearly in breach of this code, and be prepared to report any suspected fraud, corrupt, criminal or unethical conduct to an appropriate officer of the University;
- > consider the impact of decisions on the well-being of others;
- > respect individuals' rights to privacy and undertake to keep personal information in confidence, including information gained through case records from outside the University.

With respect to their obligation to the University, members of staff should:

- > refrain from representing themselves as spokespersons for the University unless authorised to do so;
- > refrain from representing themselves as acting for, or on behalf of, the University when undertaking any outside work;
- > refrain from engaging in any outside work that would compromise their integrity and independence;
- > avoid improper use of the resources

of the University for private gain or the gain of a third party;

- > foster collegiality among members of the University community.

With respect to conflicts of interest, staff members:

- > should take suitable measures to avoid, or appropriately deal with, any situation in which they may have, or be seen to have, a conflict of interest arising out of their relationship with another staff member or student. In particular, staff should avoid situations which may require them to supervise or assess a student with whom they have, or have had, a personal, commercial, familial or other significant relationship. Similar considerations generally apply to the supervision of other staff. Where both a supervisory role and significant relationship between staff members co-exist, supervision must be openly seen to be of the highest professional standard and neither unfairly advantaging nor disadvantaging the supervisee;
- > must take care that their financial and other interests and actions do not conflict or seem to conflict with the obligations and requirements of their University position.

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2001





PROFESSOR ROBERT
CLARK and his team at
the UNSW-led Centre for
Quantum Computer
Technology have *lodged six*
worldwide patents in 2001,
bringing Australia closer to
a truly revolutionary
development in computers –
the *world's first silicon-based*
quantum computer chip.

FACILITIES MANAGEMENT

PLANNING AND POLICY

During the year, the Facilities Department addressed the planning of several significant projects including a new Chemical Sciences Building, to be built adjacent to the Applied Science Building, and the development of a Campus Master Plan to meet the requirements of the Randwick Local Environment Plan (1998), Amendment No17.

A Master Plan was also developed for the Old Main Building precinct, with an emphasis on mitigating pedestrian and vehicle safety issues and improving access, and work proceeded on the prioritisation of compliance liabilities in laboratories and other areas, for a program to be funded through a combination of RIBG, Capital Grants and Campus Project Funding (CPF).

A feasibility study was conducted on the proposed redevelopment of the former Unisearch House site to accommodate NewSouth Global Pty Ltd and in part, to clear the Western Campus for future redevelopment. Feasibility work was also done for the proposed 'Sydney BioHub' and Facilities contributed to a bid for the proposed National Centre for Excellence in ICT Research.

The disability access audit was completed for the Kensington Campus and a contractor safety management system put in place.

CONSTRUCTION

While Campus Project Funding (CPF) was lower in 2001, a funding mix which included Faculties and other units resulted, nevertheless, in significant activity and the completion of various projects.

Accommodation for the School of Computer Science and Engineering was consolidated by the completion of the second stage of the K17 refurbishment and associated works in the Electrical Engineering Building. Areas under the Physics Theatre and the Mechanical Engineering Building were refurbished to provide an additional 100 computer laboratory spaces for the School, which in turn will facilitate their final vacation of space in the Samuels Building.

In the Biological Sciences Building, the relocation of the School of Community Medicine, to Level 3 of the Samuels Building freed space for the new Faculty of Science, including offices for the Dean. Facilities were also established for the Clive and Vera Ramaciotti Centre for Gene Function Analysis and the refurbishment of the Biomedical Library included new, energy efficient lighting.

New offices for the Centre for Quantum Computer Technology were completed in the Newton Building and preparatory work undertaken to relocate facilities for the School of Physics ahead of additional laboratory works for the Centre on the ground floor. Public areas, toilets and the roof of the Newton Building were also upgraded.

New facilities for NDARC at the Randwick Campus were completed in a fully fitted-out transportable building, pending a proposed move to the Sydney BioHub. Both the Physics and Burrows Theatres were refurbished.

The first stage of providing accommodation for NewSouth Global's corporate office was completed on

Level 1 of the Library and the second stage is underway. A lecture theatre for NewSouth Global is under construction in the Robert Webster Building.

The main student area on Level 2 of the Library is being refurbished. The Scientia was further developed by additional subdivisible function space at ground level. The Arcade seating area was upgraded, along with refits for two of the food outlets. Showers and toilets in the University Gymnasium were upgraded, as were the bathrooms in the Kensington Colleges.

The façade of the East Wing of the Robert Webster Building was upgraded and work continued on the building, focusing on fitouts for Media and Communications and HIV research in the Faculty of Arts and Social Sciences; and a new Faculty of Science student office.

Statutory stair pressurisation (for smoke exclusion) was completed in the Applied Science Building. Fire alarms and EWIS were installed in the AGSM residential wing, the Central Lecture Block, Morven Brown Building and the College of Fine Arts (COFA). Further statutory upgrading works are also continuing at COFA and EWIS installation is underway in the Applied Science Building.

Laboratories for the School of Chemical Engineering and Industrial Chemistry in the Applied Science Building are being refurbished to support research in the field of supercritical fluid technology. Laboratories are also being upgraded for the Heart Research Institute on Level 4 of the Wallace Wurth Building. Space is

being fitted out for the National Centre in HIV Epidemiology and Clinical Research at St Vincent's Hospital.

The MSAF has funded the ongoing refurbishment of amenities and the construction of additional facilities for the Sports Association in the Sam Cracknell Building, and the refurbishment of the Mathews Cafeteria.

The services tunnel under the Mall was completed, along with surface works and landscaping. The completion of the Engineering Road upgrade, following from the finalisation of the Rupert Myers Building and K17 works will result in additional short-stay parking and the ongoing work on the permanent closure of Science Road will see more 'green space' as well as short-stay parking.

The construction of a new materials receiving area in the South West corner of the Old Main Building and Newton Building (including a centralised gas tank farm), when combined with works in Engineering Road and Science Road, will reduce vehicular movement in the heavy pedestrian zone near the Physics and Burrows Theatres and the Mall.

Work continues to improve access for people with disabilities, including new stairs and stair treads, upgraded ramps, additional continuous handrailing, tactile surface indicators, new and upgraded accessible toilets, additional lifts and signage.

New chillers are being installed in the main computer room air conditioning system. 'BacNet' – new open architecture controls for external lighting – and some mechanical systems are being installed as part of a progressive roll out of enhanced controls technology, which will include the provision of a control room in the Red Centre.

ZONE MAINTENANCE OPERATIONS

A number of campus-wide laboratory upgrades, office refurbishments and major road works have featured among the more significant undertakings

this year. Zone Operations has also completed a new environmentally compliant sewage system at the Smiths Lake Field Station and new ablution facilities at the Fowlers Gap Arid Zone Research Station at Broken Hill. The series of 3D directory maps of the Kensington Campus have proved popular with visitors and newcomers to UNSW and have attracted considerable industry attention. The directories are located at key pedestrian points across campus.

GROUNDS AND LANDSCAPING

A major weed removal program at Little Bay restored the heritage-listed ponds to pristine condition. The ponds had been choked with invasive weeds and had resisted all previous attempts at removal. The University's premier cricket ground – the Village Green – continues to receive recognition as one of Sydney's top 10 ovals. In recognition of the efforts of the Grounds Unit, UNSW won the institution category in the 2001 Randwick Garden Competition.

CATS (CENTRALLY ALLOCATED TEACHING SPACE)

Syllabus Plus now operates as the University's central space timetabling software. Many Faculties are also using it for internal timetabling. Three major theatres were refurbished and upgraded with the latest IT and AV systems. 2001 saw significant growth in demand for fully IT- and AV-equipped CATS rooms.

FLEET MANAGEMENT

In response to the University's green initiatives, Fleet Management reports success in the continuing conversion of its hire fleet to LPG. A number of Facilities vehicles now operate on LPG. Faculties and Schools are beginning to recognise the cost and environmental benefit of operating their unit vehicles on LPG.

TRAINING

Facilities has in place a comprehensive formal training program. Emphasis in 2001 has been directed to meeting the landslide of OH&S legislation. Facilities operations by their nature require absolute compliance to a significant number of OH&S provisions. Facilities has included external contractors in some training to ensure their awareness of UNSW safe working procedures.

GENERAL SERVICES

A comprehensive general waste collection and glass/can recycling program was implemented which has seen the removal of recyclable items from the general waste stream. Also, many large and unsightly 'skip' bins have been removed and replaced by a cyclic large item removal service.

ENVIRONMENT MANAGEMENT PROGRAM

2001 was an eventful year for the Environment Management Program (EMP), involving both consolidation and extension of the unit's work. Two initiatives which touched most members of the University community were the rollout of the bottle and can recycling program and the 'unswitch' energy conservation campaign to encourage staff to switch off computers and monitors. The role of the EMP in both projects (through the Green Office Program) was to promote, educate, audit and evaluate – and in each case, initial success was achieved in reducing the University's environmental impacts.

The above initiatives were among a range of proposals set out in the UNSW Environment Management Plan 2001-2003, which aims to integrate environmental best practice across the University, and was approved by the Environment Policy Advisory Committee early in the year. The UNSW Greenhouse Challenge Agreement provides another integrating framework for campus 'greening'. Although

equivalent full-time student numbers rose 4.84 per cent from the previous year, the University met its Challenge target for 2001 with the increase in greenhouse gas emissions held to 2.24 per cent and emissions per EFTSU falling by 2.31 per cent.

The Recycled Organics Unit (ROU) and the Ecoliving Program were major foci for the EMP's outreach activities in 2001. The ROU is now recognised nationally as a key centre of expertise in its field, generating more than \$1,350,000 in external income since its inception in 1999. Projects underway in 2001 included the development and national endorsement of a range of best practice guidance manuals for the industry, development of national competency standards and accredited training programs, establishment of extensive online information resources, applied R&D relating to assessment of processing technologies, streamlined LCA research on greenhouse gas emissions from composting facilities and technical input into the relevant Australian Standards, including the world-first development of a product standard for the vermiculture industry.

The externally funded Ecoliving Program continued to link environmental design, community participation and student project work, based around design interventions at a UNSW-owned Randwick property.

Installation of a greywater recycling system was completed and a project to process used cooking oil into biodiesel fuel was begun in collaboration with the University Union and the School of Chemical Engineering and Industrial Chemistry.

Ecoliving has developed firm relationships with community organisations locally and further afield, including the La Perouse Aboriginal community, disability support groups, the Landcare network and the Green Reserve program, as well as with schools, other universities and government agencies. The property generated about 3000 visitors in 2001, and 1385 people attended 42 seminars and workshops run through the Program. About 100 volunteers contributed over 4600 hours of work to ensure the Program's success. Highlights of the year included award-winning participation in the Gardening Australia Show and other environment-related exhibitions.

Audits by the Green Office Program indicate some progress in office environmental management (while leaving room for improvement) and the Indoor Plant Leasing Scheme continued to provide a literal opportunity for office greening. Green Office also initiated discussions with University purchasing officers to gain support for the introduction of environmental procurement strategies.

Relationships with student organisations continued to strengthen, highlighted by the launch of the NUS 'Sustainable Universities' campaign at UNSW in September.

Using funds generated through energy savings, Green Office employed 25 students on short-term energy conservation projects in 2001, in addition to providing project opportunities for more than a dozen student volunteers.

The EMP supported UNSW academic programs across a variety of disciplines in 2001. Two Environmental Auditing short courses (jointly run with the School of Safety Science) were presented, and EMP staff participated in delivering courses in Advanced Landscape Engineering and Solid Waste Management. Staff members also supervised and/or assessed some 15 postgraduate students and senior undergraduates from Civil and Environmental Engineering, Architecture, Psychology, Social Policy and other programs. EMP staff also presented papers at the sixth World Congress of Chemical Engineering and the inaugural Sustainable Universities Conference; chaired a session at the 2001 Waste Management Conference; completed two book chapters on energy-related topics; and completed an office environmental auditing manual for Fuji Xerox.

RISK MANAGEMENT

2001 presented the University's Risk Management Unit (RMU) with a number of major challenges which tested its resources, notably the need for compliance following the introduction of new legislation in areas such as gene technology, and reforms of existing legislation in relation to workers compensation. In addition, the insurance industry was thrown into disarray following the collapse of the HIH Insurance Company, and the World Trade Centre disaster of 11 September.

Our policy of a proactive approach to risk management has produced dividends, with substantial reductions recorded in the cost of claims, particularly in the property, liability, and motor vehicle areas. Whilst workers compensation claims costs for 2001 increased slightly, the overall outstanding liability to the University has been reduced dramatically, due to legislative changes which enabled us to bring long-term liabilities into the current year.

Over the past two years, UNSW has benchmarked its performance in risk management against that of 20 other universities throughout Australasia. During 2001, we improved our performance by an overall average of 12.5 per cent. UNSW achieved highest ratings among all participating universities in Impairment to Fire Protective Systems and Security; second highest ratings in General Claims Management; and third highest ratings in Occupational Rehabilitation. We will continue to use this valuable tool to improve our level of performance in all areas of risk management.

INSURANCE

In 2001 substantial changes to the method of managing the University's insurance program were introduced. UNSW joined The Australian and New Zealand Universities Protection and Indemnity Foundation, and all property and liability insurances are now placed through this trust. A small firm of international insurance brokers was engaged to place the various other smaller insurance policies. Resultant benefits to the University included reduced premium charges and improvement in the scope of the cover provided.

The policies and procedures in place to manage risk across the campus have resulted in a 26 per cent reduction in the number of claims submitted during 2001, compared with the previous year.

In the aftermath of the HIH Insurance collapse and the World Trade Centre disaster, there has been a major loss of capacity in the insurance market worldwide which is certain to adversely affect the University's insurance program for 2002. Substantial premium increases and limitations on the extent of cover available are expected. The RMU is actively pursuing methods of loss control to minimise the adverse effect of the market downturn.

WORKERS COMPENSATION

The small increase in the number of claims registered during 2001 (five per cent over the previous year), can be attributed to a greater awareness of the need to report all work-related injuries and illnesses.

Claims costs for 2001 were significantly higher than for the previous year due to a number of legal claims from prior years that were targeted for settlement, and reforms to workers compensation legislation which initiated the early settlement and payment of more long-term claims. While costs for the year increased, the reserve amount the University holds to fund outstanding liability for claims decreased by approximately 16 per cent.

WorkCover reforms were tabled in Parliament during 2001, with a commencement date of 1 January 2002 for the majority of changes including:

- > Early reporting and payment of claims, which is aimed at dispute reduction in the system and aiding an early return to work for injured employees.
- > The phasing out of the Workers Compensation Court, to be replaced by the Workers Compensation Commission, which also replaces the Workers Compensation Resolution Service.
- > An increase in the amount of compensation available for injury resulting in permanent impairment.
- > Changes to common law access and benefit structure.

The Manager of the Occupational Health, Safety and Environment and the Rehabilitation Coordinator continued to liaise closely to carry out workplace assessments when staff reported injuries or ergonomics problems that could potentially result in injury. There were 47 non-claim related assessments carried out during 2001.

OCCUPATIONAL HEALTH, SAFETY AND ENVIRONMENT

The University has been preparing to meet its obligations under the new OHS legislation promulgated in September 2001.

We continued to consolidate the OHS consultation structure established in 2000, by ensuring that all low-risk areas established their OHS committees and their members were trained. The University's Level 1 OHS Policy and Strategic Planning Committee, chaired by the Deputy Vice-Chancellor (Education and Enterprise), met quarterly during 2001 to progress key issues and develop an OHS Strategic Plan for the organisation.

The Level 2 and combined Levels 2/3 OHS committees were active, except in those Faculties undergoing restructure in 2001. The Level 3 OHS Committees were proactive in identifying and addressing their area's issues and were very cooperative in responding to requests for status reports on issues such as emergency management and hazardous substances and in disseminating new procedures, such as hazard and incident reporting.

New OHS policies were developed during the year for biological safety and infection control, Plant Safety Policy and Program, Laser Safety Guidelines, Radioactive Spills Procedure and Biological Spills Procedure.

Regular OHS Training during 2001 used a combination of internal and external training providers organised by the Risk Management Unit, the School of Chemical Engineering and Industrial Chemistry and the Facilities Training Officer. Training covered:

- > Radiation safety introduction (5)*
- > Bio-safety training (4)

- > Hazardous substances training (3)
- > Electrical safety with high voltage (1)
- > Safe Work in confined spaces (3)
- > Electrical testing and tagging (3)
- > Employee OHS awareness (3)
- > Construction industry induction(6)
- > Due diligence in OHS for supervisors(6)
- > Laboratory safety for laboratory staff (1)
- > Laboratory safety for zone staff (4)
- > Laboratory safety for cleaners (4)
- > Preventing occupational overuse injury (4)
- > Safe work on ladders (3)
- > Animal handlers training- OHS component (1)
- > Occupational health and safety committees (8)
- > Manual handling (4)
- > First Aid (external training arranged by Facilities)

The Unit undertook OHS familiarisation inspections of all subsidiary campuses, including Coogee, Little Bay, Randwick and Manly Vale and provided reports to the respective business unit managers. The Radiation Health and Safety Officer inspected 28 laboratories where radiation work is being undertaken, and provided inspection and compliance reports to the laboratory managers and Heads of Schools.

The OHS Coordinator for Hazardous Substances undertook a University-wide benchmarking survey with all local hazardous substances coordinators on compliance with legislative and standards requirements. A Dangerous Goods survey was undertaken in response to a request from WorkCover, the Dangerous Goods regulator, that all organisations holding Dangerous Goods licences assess

the security of their dangerous goods.

The RMU worked with Facilities and an independent consultant to design the University's new radiation store and prepare a risk management plan for it. Several consultations were held with local staff regarding their health and safety concerns and Faculty consultations will occur in late January 2002. The building of a new purpose-built store is scheduled for first semester 2002.

The RMU has also been involved in Facilities' independent audit to assess laboratories' compliance with AS2243.3 and set priorities for laboratory upgrading.

New gene technology legislation was introduced in June 2001, which required the rapid establishment of many new administrative systems to ensure that the University complied with its new obligations as an accredited organisation. Additional staff will be appointed in 2002 to assist with management of gene technology matters. The OHS staff developed an additional module concerning gene technology compliance for the University's benchmarking survey.

The RMU provides two professional specialist staff and secretariat support to the University's Radiation and Biological Safety Committees respectively. The Unit has also begun to work more closely with the Pro-Vice-Chancellor (Research) and the Human and Animal Research Ethics committees to identify OHS issues which require follow-up action by RMU and principal investigators in charge of each research team. A dedicated staff member who will focus on research and OHS issues management will be appointed to this role in January 2002.

*Number of programs in brackets

UNIVERSITY CONTROLLED ENTITIES

AUSTRALIAN EDUCATION CONSULTANCY LIMITED

The Australian Education Consultancy Limited is a wholly-owned subsidiary of UNSW registered in the Special Administrative Region of Hong Kong. It was acquired by the University in 1998 and provides education counselling and recruiting services for Hong Kong residents wishing to study at Australian education institutions. Directors of the Company are Vice-Chancellor and Principal, Professor John Niland; Professor John Ingleson, Deputy Vice-Chancellor (Education and Enterprise); UNSW Alumni Mr W K Lam, Managing Director, Shun Hing Electric Works & Engineering Co Ltd; Dr Ronald Lu, Ronald Lu and Partners (HK) Ltd; Mr William Bowman, General Manager, Capital Expenditure and Projects, Pacific Century CyberWorks Ltd and Deputy President, Hong Kong Branch, CPA Australia.

AGSM CONSULTING LTD

AGSM Consulting was incorporated as a company limited by guarantee in 1982. It has no share capital and is wholly owned by UNSW. Its objectives are to facilitate applied research and management development by the AGSM, in collaboration with business and public organisations.

AGSM LTD

This unique company was formed as a joint venture between the University of New South Wales and the University of Sydney. It is the operating vehicle of the AGSM, a Faculty of both Universities. For financial and management purposes, the AGSM is

governed by the company through its board of directors.

NEWSOUTH ENTERPRISES PTY LTD

This company was originally established as a shelf company to oversee the operations of Unisearch Limited and NewSouth Global Pty Ltd. The role of NewSouth Enterprises Pty Ltd has changed and it is presently a holding company for NewSouth Global alone. The company has not traded to date, but is available to be made fully functional should this be required.

NEWSOUTH GLOBAL PTY LTD

NewSouth Global Pty Ltd is a wholly-owned subsidiary of the University with a current annual turnover in excess of A\$35 million. It was formed in July 1999, specifically to further develop non-degree education programs at UNSW and to facilitate the international educational activities of the University as a whole.

During 2001 NewSouth Global divisions consisted of the Education Testing Centre, Foundation Studies, the Institute of Languages, International Projects and Study Abroad. The company is also responsible for UNSW overseas offices and various offshore initiatives and joint ventures, including the Australian Institute of Languages, Vietnam.

The Educational Testing Centre (ETC) is the prime provider of educational measurement and assessment services in Australia, New Zealand and the Asia Pacific region. Established in 1967 it is the largest independent provider of school tests in the region, and in 2001, its schools

competitions attracted over 1.6 million candidates. ETC also provides measurement advice and support to government and the private sector. The Centre became part of NewSouth Global in July 2001.

Foundation Studies comprises the University Foundation Year, HSC UniLink, Maths Skills Program and External Programs and is located on the western campus of the University. The core activity, University Foundation Year, is a full academic program designed to prepare students with an international education background for undergraduate studies in Australia. The program allows time for students to adjust both academically and socially to living in Australia. Over the past 12 years more than 6,000 Foundation Year students have continued to undergraduate study, the majority at UNSW.

The Institute of Languages is one of the oldest and largest language centres in Australia. Established in 1966, it offers a comprehensive range of language courses and services for overseas students, migrants to Australia, and Australian overseas clients from government and industry who require language training beyond the scope of existing accredited university courses.

International Projects provides development assistance, consulting, and education and training services to industry, commerce and government on overseas projects. The division utilises the University's resources and wealth of expertise, as well as its international network of contacts in industry, commerce and academia, to deliver programs and services.

The Study Abroad program has been established for 12 years and is the leading Australian program of its type. Study Abroad offers opportunities for international students to gain credit for courses at their own institutions while studying on campus in Sydney, and more than 6,000 students have participated since its inception. Other programs include the Summer School conducted by Study Abroad which runs for six weeks during the Northern Hemisphere summer, six-week short courses and a range of internships.

The University has recently established offices in South East Asia under the management of NewSouth Global in Singapore, Bangkok and Hong Kong. Additional locations are under consideration.

The Australian Institute of Languages, Hanoi is a cooperative venture between the Vietnamese national University of Hanoi, NewSouth Global (on behalf of UNSW), and the Australian Centre for Languages. Its prime purpose is to deliver quality English language programs in Hanoi for students wishing to improve their English skills and students seeking to undertake further study abroad. It also aims to provide personal professional assistance for students seeking to undertake further study in Australia, and for organisations and companies seeking to enhance their skills in international English for business communication.

UNISEARCH LIMITED

Unisearch Limited leverages the intellectual wealth of the research and consulting community centred on UNSW to create commercial value for the University and participating researchers, and to bring exciting new technologies to the marketplace.

Unisearch is dedicated to establishing and developing long-term strategic alliances and business relationships with key partners and clients in relevant business and industry sectors,

governments and other learning institutions, locally and around the world.

Established in 1959 as a controlled entity of UNSW, Unisearch operates as an independent company with a largely external board of directors. As a result of the successful implementation of a long-term strategic plan introduced in 1999 Unisearch has achieved profit results which are two years ahead of target.

Unisearch focuses on two streams of business activity, namely Technology Commercialisation and Expert Opinion Services. The Technology Commercialisation team ensures Unisearch is a recognised leader in the commercialisation of research-based technologies. Its activities include acting as an innovation centre providing advice and services to researchers from UNSW and its associated campuses, as well as an incubator nurturing pre-incorporation technologies and emerging businesses.

Expert Opinion Services provides expert consultants for industry, government and business clients, as well as the legal and insurance communities. They commercialise intellectual capital in an applied way, encouraging the collaborative research, expert consulting and specialised testing services of UNSW.

ACYTE BIOTECH PTY LTD

Acyte Biotech Pty Ltd (Acyte) has been established by Unisearch Limited to commercialise leading edge research in the area of mammalian cell production of recombinant DNA derived proteins. Acyte is jointly owned by UNSW and the key researchers. The recently formed board is chaired by leading businessman, Mr Rob Barry.

The underlying research by Professor Peter Gray and his team at UNSW has moved into the commercialisation phase and achieved strong industry support. Acyte has negotiated collaborative research agreements with a number of leading, listed pharmaceutical groups, worth in excess of

\$500,000. This success has been followed up with the company being awarded a \$250,000 Biotechnology Innovation Fund Grant.

Acyte expects to be able to offer cell expression systems to a wide variety of potential users based on exciting breakthroughs achieved around its SuperCHO platform technology.

BIOSIGNAL PTY LIMITED

Biosignal was incorporated in 1999 to commercially exploit unique antimicrobial compounds that will act to inhibit bacterial processes. The technology has application in a broad variety of markets, from aquaculture paints to pharmaceuticals. Unisearch has assisted Biosignal to source collaborative development partners who are leaders in their fields for many market applications. These developing relationships, and the funding received from these partners, have enabled Biosignal to pursue its product development program to the point where the first products are now being sold under trial permit.

THE UNIVERSITY OF NEW SOUTH WALES FOUNDATION

(see also page 51)

The company was incorporated in 1988 to act as the trustee of a trust fund called 'The University of New South Wales Foundation'. It is a company limited by guarantee, and its objectives are to assist the University in raising funds from alumni, industry, commerce and the community. During 2001 the Foundation received in excess of \$10 million in support of University projects.

THE UNIVERSITY OF NEW SOUTH WALES INTERNATIONAL HOUSE LIMITED

International House Limited was incorporated on 26 October 1964 to manage and administer residential accommodation for UNSW students and others, and it currently manages International House. The company is limited by guarantee, has no share capital, and is controlled by a Board of

Directors of whom four are elected by the company, one is elected by the residents of International House, and six are appointed by the University.

UNIVERSITY OF NEW SOUTH WALES PRESS LIMITED

The end of 2001 marked the 40th anniversary of the incorporation of UNSW Press as a not-for-profit company limited by guarantee. The non-executive directors of the company are appointed by the Council of the University and supervise both financial and policy affairs of the organisation. 2001 saw the continuing growth of book selling, book distribution and book publishing activities, with an substantial increase in overall turnover.

UNSW Press issued 36 new titles in 2001, together with reprints of seven books, and during the year offers of contract were made for 42 further books. By the end of 2001 there were 261 books in print. As in previous years, the list includes scholarly books, textbooks, books of general reference and books which present ideas and debates for the wider community, across a wide range of arts, science and professional subjects. There was substantial review and media attention to Press publications which helped to fulfil one aspect of the Press's mission, that of enhancing the reputation of UNSW nationally and internationally.

A number of titles received or were short-listed for awards. Peter Mares *Borderline: Australia's treatment of refugees and asylum seekers* and Michael Gordon's *Reconciliation: A Journey* were joint winners of the Queensland Premier's Awards 2001 for the Best Literary Work to Advance Public Debate. *Borderline* was also selected as one of the 'Notable Books' in the Kiriya Pacific Rim Book Prize, and the author won awards from Austcare and the Centre for Australian Studies Cultural Studies Award (individual category); the Human Rights and

Equal Opportunity Commission awarded the book the 2001 Human Rights Award (arts/non-fiction category). Barry Richardson's *Christianity, Evolution and the Environment* was shortlisted for the Christian Book of the Year Award. Shortlisted for the NSW Premier's Awards were Anne-Maree Whitaker's *Joseph Foveaux* for the Douglas Stewart Prize for non-fiction and John Murphy's *Imagining the Fifties* for the Gleebooks prize. Christopher Cunneen was shortlisted for the NSW Premier's History Awards with his *William John McKell: Boilermaker, Premier, Governor General*, and Kevin Norton and Tim Olds were shortlisted for the Galley Club Awards for production in category 10 (digitally printed books) with *Anthropometrica*.

New international stockists and distributors were appointed during the year and UNSW Press books are now sold and supplied from local warehouses in the USA, Canada, UK, Singapore, Japan, New Zealand and Australia.

Coeditions were prepared by UNSW Press for overseas publishers in the USA, Ireland and the UK, and for the National Trust. Licensed editions of UNSW Press books were issued in Chinese, Korean and Indian, and negotiated for Spanish, Greek, Swedish, Japanese languages. Electronic rights were sold via international suppliers and UNSW Press books received a record payment from the Copyright Agency Limited.

During 2001 the company's book sales representation and distribution division UNIREPS continued to expand, and by the end of the year UNIREPS was handling books for 25 publishers including university presses and cognate imprints from the USA, Canada, UK, New Zealand and Australia. In addition to a full year distributing Melbourne University Press books, UNIREPS became the

distributor for Currency Press, the distinguished Australian performing arts publisher. By agreement with Deakin University, UNIREPS will sell the books issued by the now closed Deakin University Press and UNSW Press will issue reprints or new editions as required.

To help with this growth the Press warehouse in Randwick saw further structural change, and the Navision software was further developed and modified to suit new demands. The management structure of UNIREPS was strengthened, as was the finance department of the Press as a whole.

UNSW Bookshop had a very successful year, with an increased activity which contrasted with the generally flat trend of the Australian book trade. There was growth in almost all sectors: textbooks for students, including off-shore students, academic and professional books, memorabilia and secondhand books, and general books for the campus community as a whole. In addition to course packs, from the start of the year UNSW Bookshop took on the supply of teaching materials formerly supplied by UNICOPY at the University Library. Computer software and computer books showed the least sales growth in the year.

There was continuing development of the Bookshop web site and services to non-retail customers including libraries and institutions of UNSW. *Words*, the Bookshop's electronic newsletter, linked the shop and its activities to a wide internal and external audience, and a program of book launches and activities emphasised the role of the Bookshop in broader campus life. Primarily, however, the UNSW Bookshop served to provide a high quality service of selling books at discounted prices to its audience, while generating a surplus for other university purposes, and both goals were maintained successfully through the year.

LEGAL AFFAIRS

There was significant legislative activity in the Higher Education Sector in 2001 which affected the University directly. The New South Wales Parliament passed two Acts: the Higher Education Act 2001 and the Universities Legislation Amendment (Financial and Other Powers) Act 2001.

HIGHER EDUCATION ACT 2001

This was enacted by the NSW Parliament as part of a Commonwealth wide scheme for higher education. The Act protects the status of universities and requires accreditation of higher education qualifications. As a recognised Australian university,

UNSW is a self-accrediting institution under the Act.

UNIVERSITIES LEGISLATION AMENDMENT (FINANCIAL AND OTHER POWERS) ACT 2001

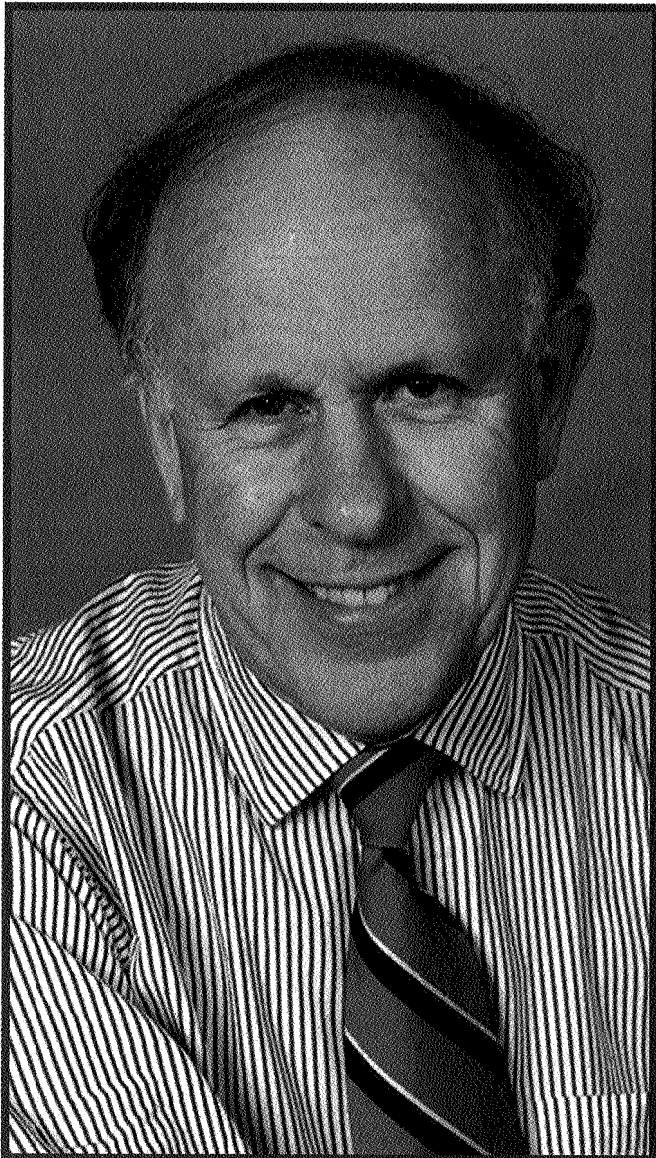
This Act amended the Acts of all New South Wales universities, including the University of New South Wales Act 1989. The effect of the amendments to the University's Act is to increase the scope of the University's functions, removing any doubt about its powers to act extraterritorially; provide services to members of the University community or to engage in commercial activities within the scope of the object

and functions of the University as set out in the Act. The amendments also initiate a regime of reporting and control of commercial activities of the University including, controlled entities of the University.

EDUCATION SERVICES FOR OVERSEAS STUDENT ACT 2000

The Commonwealth Government enacted this Act to regulate the provision of education services for overseas students. The requirements of the Act are extensive and the University has established a Compliance Unit and regime across the University in response to the Act.

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Researchers in the *Centre for Thrombosis and Vascular Research*, led by Professor COLIN HESTERMAN, received a *\$10 million program grant* from the National Health and *Medical Research Council*, allowing them to investigate the mechanisms involved in blood vessel formation, injury and repair. They have already devised *two methods of blocking blood vessel formation* in TUMOURS and these will be evaluated for their potential as cancer treatments.

PUBLICATIONS

The University and its various units offer a range of publications, a selection of which is listed below, giving details of courses, research and other services. Those who wish to obtain or

consult any of these publications should contact the relevant section of the University.

The UNSW Calendar, Summary Volume, the Faculty Handbooks and

certain other official publications are available also on the University's web site at www.infonet.unsw.edu.au

The following official publications are produced annually.

OFFICIAL PUBLICATIONS	COST	POSTAGE	OVERSEAS POSTAGE
UNSW Calendar Summary Volume (ISSN1325-667X)	\$7.00	\$2.50	\$9.00
<i>Faculty Handbooks</i>			
Arts and Social Sciences (ISSN1322-9575)	\$6.00	\$2.50	\$7.50
Built Environment (ISSN 1321-6864)	\$5.00	\$2.50	\$7.50
Commerce and Economics (ISSN1323-7942)	\$5.00	\$2.50	\$7.50
Engineering (ISSN1323-7942)	\$5.00	\$2.50	\$7.50
Law (ISSN 1323-7861)	\$4.00	\$2.50	\$7.50
Medicine (ISSN 1323 - 7926)	\$4.00	\$2.50	\$7.50
Science (ISSN1321-5825)	\$6.00	\$2.50	\$7.50
Australian Taxation Studies Program (ISSN 1039-4915)	Free		
College of Fine Arts (ISSN 1034-6643)	\$5.00		
University College (ADFA)	Free		

The following University publications are distributed free of charge:

- UNSW Annual Report (ISSN 0726-8459)
- UNSW Code of Conduct
- UNSW International Prospectus,
- UNSW Prospectus (ISSN1036-6644)
- UNSW Student Guide (ISBN 0 8582 3681 8)

The 10 issues of the University's monthly magazine *Uniken* (ISSN 0312-7877) are also distributed free of charge.

FREEDOM OF INFORMATION (FOI)

The University publishes an annual Statement of Affairs which includes items such as a description of the structure and functions of the University, how the University's functions affect members of the public and a description of the arrangements which exist to enable the public to participate in the formulation of policy by the University. Various kinds of documents held by the University are described and the procedures for obtaining access to documents are detailed.

At six monthly intervals a Summary of Affairs is published in the Government Gazette. The public also has a legally enforceable right to obtain access to these documents and to ensure that personal records held by the University are not incomplete, incorrect, out of date or misleading. Information regarding FOI is included in relevant University publications and documents.

There was no increase in the number of applications received and

processed compared to previous years. Four formal applications were received and processed inside prescribed time limits. Two internal reviews were conducted with original determinations being upheld. Two reviews conducted by the Ombudsman were finalised. No major issues or problems arose in relation to the administration of the Act during 2001.

The University's Summary of Affairs and Statement of Affairs are available at www.infonet.unsw.edu.au/poldoc/stateaff/contents.htm. As new policies are formulated and existing policies change, they are added progressively to the University's web site.

For further information see Table 'FOI Statistical Summary 2001'.

PRIVACY

UNSW has adopted and maintains a general policy of openness regarding the information it holds, subject to the Freedom of Information Act 1989, at the same time recognising the privacy rights of individuals.

A range of related policies, guidelines and procedural documents addressing the issue of privacy at the University have been further strengthened by the introduction of the Privacy and Personal Information Protection Act, 1999 ('the Privacy Act').

The development and implementation of the Privacy Management Plan, required under the Privacy Act enables integration of the privacy principles in the NSW legislation with the operating procedures of the University and ensures that UNSW complies with international privacy standards. The Plan setting out a number of goals and mechanisms for achieving them is currently under review. No reviews were conducted under Part 5 of the Act during 2001.

The University is also aware of issues arising from the commencement of the Commonwealth Privacy Amendment (Private Sector) Act 2000.

FOI STATISTICAL SUMMARY 2001

SECTION A NUMBERS OF NEW FOI REQUESTS

FOI Requests

A1 New (including transferred in)
A2 Brought forward
A3 Total to be processed
A4 Completed
A5 Transferred out
A6 Withdrawn
A7 Total processed
A8 Unfinished (carried forward)

	Personal	Other	Total
2	2	4	
0	0	0	
2	2	4	
2	2	4	
0	0	0	
0	0	0	
2	2	4	
0	0	0	

SECTION B WHAT HAPPENED TO COMPLETED REQUESTS?

Result of FOI request

B1 Granted in full
B2 Granted in part
B3 Refused
B4 Deferred
B5 Completed

	Personal	Other
1	0	
1	1	
0	1	
0	0	
2	2	
2	2	

SECTION C	C1 MINISTERIAL CERTIFICATES ISSUED			0	
SECTION D	D1 REQUESTS REQUIRING FORMAL CONSULTATIONS			0	
SECTION E	RESULTS OF REQUESTS FOR AMENDMENT OF PERSONAL RECORDS				
	E1 Result of amendment - agreed			0	
	E2 Result of amendment - refused			0	
	E3 Total			0	
SECTION F	F1 REQUESTS FOR NOTATION OF PERSONAL RECORDS			0	
SECTION G	FOI REQUESTS GRANTED IN PART OR REFUSED				
	Basis of disallowing or restricting access. (Number of times each reason cited in relation to completed requests which were granted in part or refused.)				
		<i>Personal</i>	<i>Other</i>		
	G1 Section 19 – application incomplete or wrongly directed	0	0		
	G2 Section 22 – deposit not paid	0	0		
	G3 Section 25 (1) (a1) – diversion of resources	0	0		
	G4 Section 25 (1) (a) – exempt	2	1		
	G5 Section 25 (1) (b), (c), (d) – otherwise available	0	1		
	G6 Section 28 (1) (b) – documents not held	0	0		
	G7 Section 24 (2) – deemed refused, over 21 days	0	0		
	G8 Section 31 (4) – released to Medical Practitioner	0	0		
	G9 Total	2	2		
SECTION H	H1 COSTS AND FEES OF COMPLETED REQUESTS	<i>Assessed Costs</i>	<i>FOI Fees Received</i>		
		\$0	\$200		
SECTION I	DISCOUNTS AL	<i>Personal</i>	<i>Other</i>		
	I1 Public interest	0	0		
	I2 Financial Hardship – Pensioner/Child	0	0		
	I3 Financial Hardship – Non-profit organisation	0	0		
	I4 Total	0	0		
	I5 Significant correction of personal records	0	0		
SECTION J	CALENDAR DAYS TO PROCESS COMPLETED REQUESTS				
	<i>Elapsed Time</i>	<i>Personal</i>	<i>Other</i>		
	J1 0-21 days	2	2		
	J2 22-35 days	0	0		
	J3 Over 35 days	0	0		
	J4 Total	2	2		
SECTION K	HOURS TO PROCESS COMPLETED REQUESTS				
	<i>Processing Hours</i>	<i>Personal</i>	<i>Other</i>		
	K1 0-10 hrs	2	2		
	K2 11-20 hrs	0	0		
	K3 21-40 hrs	0	0		
	K4 Over 40 hrs	0	0		
	K5 Total	2	2		
SECTION L	REVIEWS AND APPEALS FINALISED				
	L1 Internal reviews	2			
	L2 Ombudsman reviews	2			
	L3 Appeals to the Administrative Decisions Tribunal	0			
	<i>Details of Internal Reviews requests</i>	<i>Personal</i>		<i>Other</i>	
		<i>Upheld</i>	<i>Varied</i>	<i>Upheld</i>	<i>Varied</i>
	L4 Access refused	0	0	2	0
	L5 Deferred	0	0	0	0
	L6 Exempt matter	0	0	0	0
	L7 Unreasonable charges	0	0	0	0
	L8 Charge unreasonably incurred	0	0	0	0
	L9 Amendment refused	0	0	0	0
	L10 Total	0	0	2	0

EQUITY AND DIVERSITY

To address the long-standing concern regarding the under-representation of women at senior academic staff levels within UNSW, Professor Belinda Probert from RMIT University has been commissioned to conduct research into whether gender inequities exist in the employment patterns of academic staff, and to identify the causes of any such inequities. Surveys were sent to academic staff in October 2001 and the findings will be used to help develop effective strategies to tackle the issue at a Faculty and University-wide level.

The Vice-Chancellor's Annual Consultation with Women, held in February was attended by 170 women. The guest speaker was the Sex Discrimination Commissioner, Susan Halliday. The Association of Women in the University of New South Wales (WINU) presented recommendations arising from workshops held with women throughout the year. These included improving the home and work-life balance, as well as career development. The Vice-Chancellor agreed to take the recommendations to the UNSW Executive.

In September, WINU invited the major political parties to discuss their policies for women, higher education workers and students. The ALP, the Democrats and the Greens took part.

The Anti-Violence Against Women campaign from the NSW Attorney General's Department was launched at UNSW in May, in collaboration with the Equity and Diversity Unit, Counselling, the Sports Association and the Kensington Colleges. The campaign uses famous sportsmen to

spread the message amongst young men about the kinds of behaviour towards women that are unacceptable. Speakers included Tony Squires, Geoff Lawson and Craig Wing. The campaign raised further awareness during the UNSW Union's End of Session Party and will continue in 2002.

In 2001, 23 academic and general staff women participated in WomenResearch 21, a development program for early career women researchers, which aims to improve their confidence, effectiveness and productivity.

Following the successful Disability Policy Forum held by the Equity and Diversity Unit in 2001, a taskforce was established from across the disability and university sectors, to seek additional government funding for services to university students with disabilities. Submissions were made to both the Senate Inquiry into Higher Education and to DETYA. Subsequently, the Federal Budget included \$7.7 million additional funding for students with disabilities in higher education.

Facilities commissioned a full access audit of the campus, which includes the provision of amenities for people with disabilities. The audit included a 10-year action plan. Work to be undertaken in 2001-2002 includes an upgrade of University Walk with continuous handrails and the installation of Tactile Ground Surface Indicators to assist people with vision impairment, modification to lecture theatres to allow wheelchair access, and the improvement of accessible toilet facilities.

An ITET Fellowship was established to integrate the needs of people

with disabilities into UNSW mainstream teaching and learning programs, particularly through educational technologies.

An Inclusive Curricula Project commenced in the Faculty of the Built Environment, co-sponsored by the Dean, the Pro-Vice-Chancellor (Education), and the Equity and Diversity Unit. Dr Sue Lewis from the National Centre for Gender and Cultural Diversity at Swinburne University of Technology, facilitated a one-day workshop on Inclusive Curriculum and Teaching Practices.

The Equity and Diversity Unit, the Aboriginal Education Program, the Aboriginal Research and Resource Centre and the NSW Premier's Department, held an information seminar in November, aiming to encourage greater participation by Indigenous students in undergraduate and postgraduate study at UNSW.

A number of activities were held in May to mark National Sorry Day and National Aboriginal and Islander Day of Celebration (NAIDOC) Week.

To ease the transition of Indigenous students into higher education, the Faculty of the Built Environment launched its Preparatory Program. In 2002, the initial course will introduce 15 Indigenous students to university study, career options, and to Indigenous and non-Indigenous practitioners.

The Faculty of Commerce and Economics is developing a Preparation Program, to begin in 2002, with the Queanbeyan Regional Council of ATSIC to offer bridging courses and support to Indigenous students in the Faculty, to ease their transition to

study, establish networks, and facilitate career opportunities.

The Indigenous Pre-Law Program and the Indigenous Pre-Medicine Program, continued to provide important routes for Indigenous students into law and medicine, and to support the successful completion of their studies.

A co-ordinator for the Indigenous Employment Program was appointed and the program is now in operation.

The computer-based equity training courses, *Workplace Discrimination and Harassment*, *Legal compliance and prevention* and *Duty of care*, were available online to assist managers and supervisors to better understand their responsibilities under anti-discrimination law. The training covers a range of equity issues including the identification and prevention of unlawful discrimination and harassment.

Staff training and development expanded in 2001, to produce new and revised programs with a specific equity focus. Examples include training in career development, merit-based recruitment and selection (revised), cultural diversity, cross-cultural awareness for client service staff and postgraduate supervisors; general equity awareness, disability awareness, and the development of a new equity information package for managers and supervisors.

The Equity and Diversity Unit gave lectures on discrimination legislation and equity responsibilities to senior students in a number of Schools, including Optometry and Vision Science and Social Work. A sexual harassment workshop was run for the Student Guild.

New discrimination and harassment grievance procedures and complementary guidelines for handling such grievances were implemented in 2001: training in these and the generic grievance procedures was provided to Heads of Schools, managers and supervisors and will continue in 2002.

Staff Development organised two consultative networks: TechNet, the Technical Support and Development Network for technical staff; and the Managers' Development Network.

The Strategic Learning Alliance offered UNSW staff the opportunity to take up postgraduate HECS places in UNSW full fee-paying management development programs. There were 14 recipients: nine women and five men.

Twenty new Vice-Chancellor's Equity Scholarships were established for full-time undergraduate students, who are both in financial need and from disadvantaged schools.

The Student Equity Network met

to encourage a proactive approach to developing and implementing the UNSW Equity Plan. Members focused their activities for the year on rural and isolated students by providing mentoring programs, additional scholarships, accommodation schemes and advice.

Careers and Employment, with the Equity and Diversity Unit, set up a program for disadvantaged students to provide them with access to employment on campus. Under the program, ACCESS students can be given preferential notification of casual jobs at UNSW as they become available.

In 2000, the National Survey of Higher Education Student Finances gathered information about students' income and expenditure, in order to determine the extent of economic disadvantage they were experiencing. The Executive Summary of the survey was released in September 2001, the implications of which will be discussed in 2002.

Staff and student equity broadsheets, showing the pattern of employment for staff equity target groups and the pattern of student participation and retention for student equity groups, were distributed to promote awareness of equity issues within UNSW.

TABLE 1'
REPRESENTATION & RECRUITMENT OF ABORIGINAL EMPLOYEES AND EMPLOYEES WITH DISABILITY AS AT 31 MARCH 2000 AND 1999

	Total staff	EEO respondents ²	Aboriginal People	People with disabilities (PWD)	PWD requiring adjustment at work
2001					
Total employees as at 31 March	5287	2665	16	17542	-
Recruited in the year from 1 April to 31 March	1466	598	3	19	4
2000					
Total employees as at 31 March	5,677	2,788	15	188	44
Recruited in the year from 1 April to 31 March	1,435	397	2	20	2

¹ SOURCE: Headcount of staff from EEO data collection developed by NSS and based on the DETYA staff statistical collection as at 31 March annually. For estimated numbers in equity groups, based on a reweighting of the initial headcount of EEO group survey respondents to remove the effects of any statistical bias introduced by uneven response rates to the survey, see UNSW's Annual EEO Reports to the NSW Office of the Director of Equal Opportunity in Public Employment. Includes staff of University College, Australian Defence Force Academy, Canberra.

² Headcount of staff members who provided EEO group membership information on a voluntary basis.

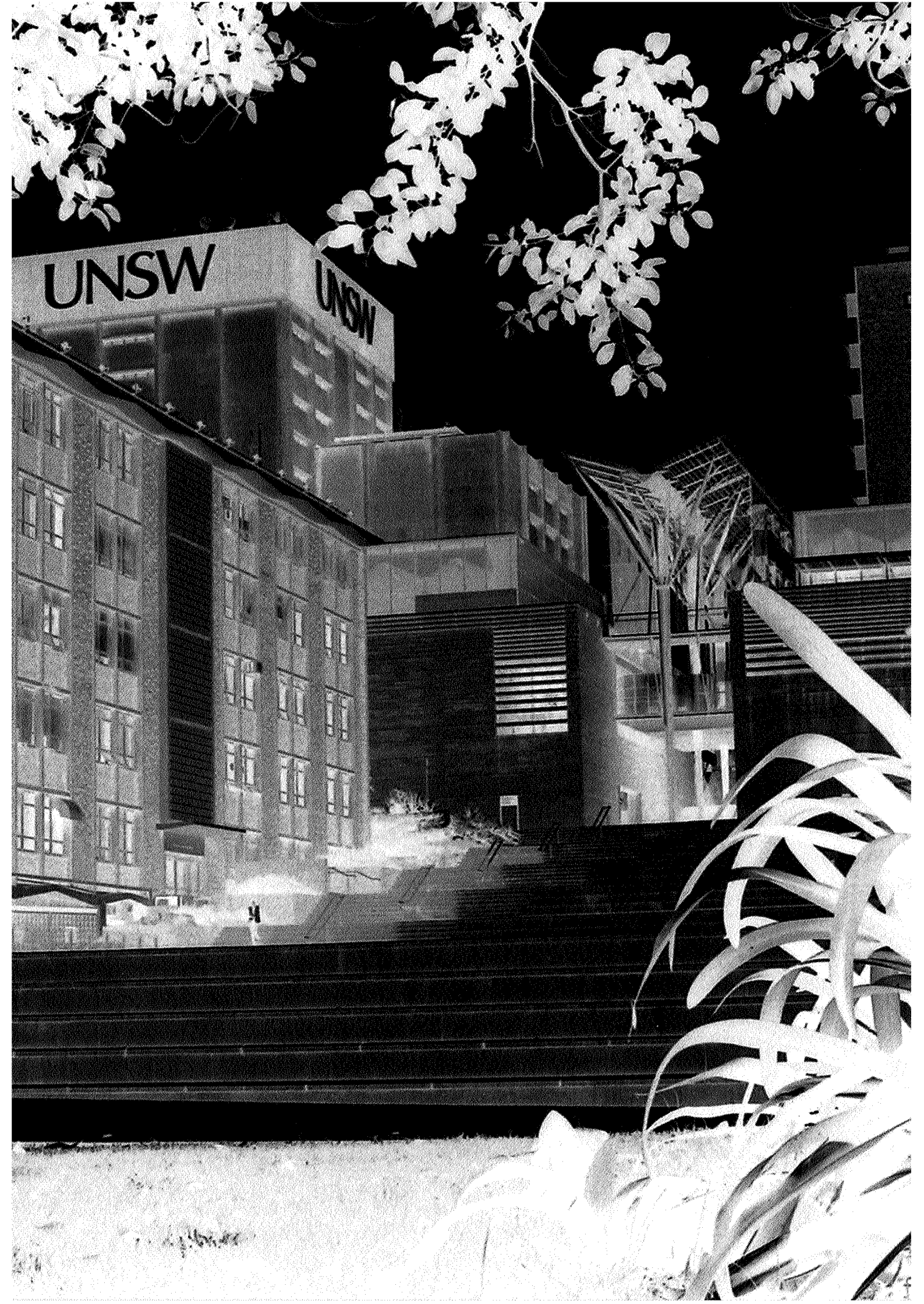
TABLE 2
REPRESENTATION OF EEO GROUPS – ACADEMIC AND GENERAL STAFF¹ LEVELS AS AT 31 MARCH 2001 AND 2000

ACADEMIC			Salary band \$	Total staff	EEO respondents ²	Women	Racial, ethnic & ethno-religious minorities	Respondents whose first language was NOT English
2001								
Level A	36,540	-	49,563	376	143	197	67	54
Level B	52,173	-	61,957	1,083	327	376	119	90
Level C	63,912	-	73,695	639	324	146	94	68
Level D	76,956	-	84,780	296	178	40	51	34
Level E	99,129	-		473	170	52	48	33
Total				2,867	1,142	821	379	279
2000								
Level A	35,122	-	47,639	423	141	225	55	53
Level B	50,147	-	59,551	1,137	341	377	116	91
Level C	61,430	-	70,833	673	350	159	107	75
Level D	73,967	-	81,488	288	167	37	43	33
Level E	95,280	-		464	168	52	45	29
Total				2,985	1,167	850	366	281
GENERAL³								
2001								
Level 1	24,993	-	27,820	127	75	72	25	39
Level 2	27,820	-	29,296	66	44	23	8	10
Level 3	29,296	-	33,730	269	163	164	50	57
Level 4	33,730	-	36,622	362	239	255	74	75
Level 5	36,622	-	42,920	482	295	294	76	75
Level 6	42,920	-	47,417	383	238	202	79	68
Level 7	47,417	-	52,811	298	177	149	55	50
Level 8	52,811	-	61,525	246	155	97	48	42
Level 9	61,525	-	67,383	105	74	45	18	13
Level 10 & above	Not available			82	63	22	8	6
Total				2,420	1,523	1,323	441	435
2000								
Level 1	23,790	-	26,480	152	89	86	28	45
Level 2	26,480	-	27,885	92	52	38	9	13
Level 3	27,885	-	32,106	320	186	204	50	61
Level 4	32,106	-	34,858	426	283	303	80	85
Level 5	34,858	-	40,852	534	304	321	76	77
Level 6	40,852	-	45,133	430	242	221	74	61
Level 7	45,133	-	50,268	308	181	152	58	51
Level 8	50,268	-	58,562	258	160	104	43	42
Level 9	58,562	-	64,138	90	65	38	14	9
Level 10 & above	Not available			82	59	25	6	5
Total				2,692	1,621	1,492	438	449

1 SOURCE Headcount of staff from EEO data collection developed by NewSouth Solutions and based on the DETYA staff statistical collection as at 31 March annually. For estimated numbers in equity groups, which are based on a reweighting of the initial headcount of EEO group survey respondents to remove the effects of any statistical bias introduced by uneven response rates to the survey, see UNSW's EEO Annual Reports to the NSW Office of the Director of Equal Opportunity in Public Employment. Data include staff of University College, Australian Defence Force Academy, Canberra.

2 Headcount of staff members who provided EEO group membership information on a voluntary basis.

3 The salary bands are for 35 hour per week staff at Kensington, within which the majority of general staff are situated. There are three other salary scales: a 38-hour per week scale for some classifications of staff at Kensington who are paid for 38 hours at the same hourly rate as the 35-hpw staff; and those for Institute of Languages staff and general staff at University College, ADFA, in Canberra, which are subject to separate enterprise agreements.



UNSW

UNSW

ETHNIC AFFAIRS PRIORITY STATEMENT

The University of New South Wales (UNSW) continues to recognise, respect and value the many different cultural and religious and linguistic backgrounds of its students and staff. UNSW's mission and statement of values incorporates the concepts of diversity, tolerance and multiculturalism. This report on the Ethnic Affairs Priority Statement and accompanying plan are presented here to fulfil UNSW's statutory obligations under the NSW Ethnic Affairs Commission Act.

UNSW STRATEGIC, OPERATIONAL AND DIVERSITY PLANS

Cultural diversity and a broad approach to inclusivity are integral parts of the University's values and overall strategic direction and are embodied in UNSW's planning and policy frameworks, as outlined in previous reports on the Ethnic Affairs Priority Statement.

The Operational Plans for 2000-2002 give priority to providing staff development and training for academic and general staff in managing cultural diversity. They also foster postgraduate research by including cross-cultural diversity workshops for staff to ensure better supervision of members of UNSW's diverse student body.

A strong internal policy framework supports work on diversity and inclusivity. For the last two years the Performance, Reporting, Evaluation and Planning (PREP) process has included issues of equity and diversity within the Core Standards to be addressed by Faculties in their planning processes.

In the current PREP process, the Core Standard on cultural diversity addresses "staff development and training with particular emphasis on the development of skills of staff in relation to intercultural sensitivity in teaching and curriculum development, and forging overseas alliances".

UNSW STUDENT AND STAFF DIVERSITY

UNSW (including University College, Australian Defence Force Academy (ADFA)) has a diverse student population. Of the total of 37,232 students (headcount) in 2001, 15,712, or 42.2 per cent, spoke a language other than English (LOTE) at home (DETYA definition). Of these, international students made up 6,077 (38.7 per cent of total LOTE students). Local students made up 9,635, 61.3 per cent of total LOTE students, which more than meets the LOTE representation of 17 per cent of in the NSW general population (1996 Census).

Of UNSW's 5,677 staff in 2001, 2,788 (49 per cent) had completed an EEO census during their employment. Of these, 730 staff members, or 26 per cent indicated that their first language spoken as a child was not English.

CULTURAL DIVERSITY AT UNSW IN 2001

Following the highly successful Global Skills Forum in 2000, this year the Equity and Diversity Unit supported a wide range of cultural diversity initiatives across the University, including the development of the PREP Core Standard on cultural diversity; promoting the development of inclusive curricula; working with Staff Development to integrate

cultural diversity into staff development programs; piloting a workshop on cultural diversity awareness for customer service staff; and developing an approach to diversity that stresses the importance of cross-cultural competencies. Details of some of these, and other substantial cultural diversity initiatives undertaken during 2001, are outlined below.

CURRICULUM

FACULTY OF THE BUILT ENVIRONMENT (FBE)

The Faculty of the Built Environment (FBE) considers that there is an increasing urgency to skill students to work in a multicultural environment. To meet this challenge, staff need to appreciate the nature of diversity in both their classrooms and the curriculum with which they work. To address these issues, a one-day workshop was held in August 2001, facilitated by Dr Sue Lewis, Director of the National Centre for Gender and Cultural Diversity at Swinburne University of Technology.

Workshop participants considered the cultural relativity of both course material and the way that they and their students see the world. During the workshop a panel of speakers from the FBE showed that staff are already doing some excellent work in this area. Not only are they addressing diversity in the student culture, but courses are constantly being revised to ensure that they embody principles of diversity, draw from a range of examples, and where possible, use the students' lived experiences.

Participants were provided with an audit tool, which contains questions

around organisational culture, curriculum design and selection, teaching and learning styles, language and assessment, for reviewing their curricula for inclusivity.

There was a strong commitment from participants to further explore inclusive practices in teaching and course content at both a Faculty and an individual level. Ideas for further action included peer discussions; follow-up workshops with colleagues who have undertaken similar reviews, undertaking cross-cultural communication workshops; identifying and providing resources for 'lighthouse projects' and building in the need to address cultural diversity as part of the FBE's response to quality assurance initiatives within UNSW.

FACULTY OF COMMERCE AND ECONOMICS

Following UNSW's operational key planning goals, the Faculty of Commerce and Economics has developed a series of strategies to foster the cultural diversity of both staff and students. The Faculty student body currently comprises more than 47 per cent international enrolments and nearly 70 per cent of the total enrolments speak English as a second language.

An essential graduate outcome for all Programs in the Faculty is to obtain an international or global perspective on business and commerce. All courses and programs within the Faculty are encouraged to explicitly address this outcome in their educational and curriculum design. The multicultural profile of the student body is consciously used to provide inclusive curricula. Individual and group work incorporates a global perspective and encourage a valuing of diversity.

In the design and production of new learning processes for mandatory Year 1 subjects, for example, the Faculty has written the text of the documents and materials with an international (ESL) student in mind.

The language level and explanations used assume no local cultural background. Additionally, the written text of CD-ROM based materials for these courses has an optional 'speak' facility on every screen to permit students to hear the content as pronounced by lecturers. This models the language of the disciplines and corrects any unfamiliar technical terms. There is also a pop-up glossary for special words, to define them and to model pronunciation.

Academic staff are also encouraged, in workshops and through instructional design support, to use the diversity of their classes as a resource in small group work. Activities are designed to draw out comparative differences in cultural values and approaches to case studies and examples of business processes (eg comparative taxation law, business ethics, financial transactions etc). The principle is that Australian methods are one of many systems in use internationally.

In 2001, the Faculty conducted a cross-cultural teaching seminar for its staff in which the current best practice in teaching international students was presented and discussed in the local context. It served to raise awareness and sensitivity to cultural diversity and to model practical ways to manage classrooms and learning. The Faculty continues to provide individual learning support for students through the Education Development Unit (EDU), and guides staff in the development of culturally sensitive assessment processes. The Faculty is currently drafting and negotiating a Policy on Cross-Cultural Teaching and Learning to clarify the principles under which staff are to develop learning processes, and to suggest strategies to address classroom barriers to participation.

The EDU provides ongoing language support through its student services and consultations with students when they are interpreting and writing assignments. This support includes discipline-specific materials,

guided assignment writing, workshops and the development of oral and presentation skills. The EDU maintains a staff of ESL and AMES trained personnel to address language development within the context of Commerce education. In addition, it also conducts Peer Assistant programs that use previously successful students to assist and mentor novice learners in the language and content of courses.

The EDU conducts orientation programs for both undergraduate and postgraduate students in all Commerce programs twice per year. These orientation programs are designed to acculturate both local and international students into the structures and learning processes of the Faculty to maximise their participation in their first year of study. The orientation programs specifically address the language and communication skills necessary for success in study and in participation in the disciplines and professions. Subsequent student learning workshops are conducted throughout the sessions on research, writing, spoken communication, study skills and assignments.

In 2001, the Faculty also appointed an Academic Advisor for the first time, to guide students in both academic program choice and personal adjustment to study. This service targets the high number of international students who may not know of local practice and educational processes.

The Faculty is currently preparing a University Preparation program with the Queanbeyan Regional Council of ATSI to offer bridging courses and support to Indigenous students in Commerce. This program specifically seeks to ease the transition to study in Commerce and to establish networks of support to facilitate its completion, as well as employment and career opportunities. The four-week pilot Commerce and Economics Preparation Program (CEPP) will be conducted during January and February 2002.

FACULTY OF MEDICINE

The Faculty of Medicine has developed a Multicultural Health Program (MHP) based on the principles of productive diversity and valuing the participation and contribution of culturally diverse students and Faculty staff. The MHP is positioned amongst a cluster of innovations in the Faculty, leading to a systemic change in the quality of health care. The MHP is located within the School of Public Health and Community Medicine and the Centre for International and Multicultural Health of the Faculty of Medicine.

The components of the Multicultural Health Program include work with the undergraduate curriculum committees including Learning Activity Design groups, to weave cultural competence into a number of health scenarios; the establishment of a multicultural health area of concentration within the Master of Public Health program; and the establishment, across the Faculty of Medicine, of a research agenda in multicultural health, with strong links with, and involvement of, the community.

In June 2001, a Consultative Forum attracted some 200 participants who have provided endorsement of the partnership between University and community. The Program has attracted major Commonwealth funding from DIMA – for its productive diversity program; DHAC – toward the development of a national curriculum and research agenda in multicultural health; DETYA – for links with nursing education; and from NSW Health – for state-wide leadership with universities and Area Health Services. The MHP is developing its agenda across the Faculty's clinical school sites in South Western, South Eastern, Illawarra and Greater Murray Area Health Services. It is hoped, in due course, to form national partnerships and collaborations. The MHP acknowledges and respects cultural competence concerning Aboriginal and Torres Strait Islander groups.

CELEBRATION OF DIVERSITY

ABORIGINAL EDUCATION PROGRAM

Every year the Indigenous Students Association, in conjunction with the Aboriginal Education program (AEP) organises Indigenous Culture Week. Aboriginal Reconciliation Week and National Sorry Day are also celebrated. In addition to these major activities, AEP staff participated in the Inaugural Koori Day Cultural Fair at Circular Quay, Sydney, in early October 2001. UNSW Indigenous students and AEP staff also participated successfully in the University Indigenous Games held at Bathurst in October this year, when contemporary and traditional sports, such as touch football, basketball, netball, volley ball, spear throwing and 'boondy' throwing, were played competitively.

UNSW UNION

UNSW Union recognises the changing dynamics of the University community and the necessity to develop programs that service, promote and educate its culturally diverse members. In July 2001, the Cultural Diversity Officer joined the Student Development Office and has developed a number of initiatives that aim to increase the participation rates of non-traditional groups on campus.

The Lingo Learning program, which began in August 2001, aims to place international students in contact with local students in a casual environment, so that international students can improve their English while also facilitating cultural exchange. In addition to this, the Union included a Cultural Diversity Calendar in its student diary for 2001 and is publishing an international cookbook.

STUDENT GUILD

The Student Guild has an Ethnic Affairs Department aiming to promote multiculturalism on campus. During Session Two, Multicultural Week was celebrated at UNSW with food, dance and music from the many cultures represented at the University.

OUTREACH PARTNERSHIPS

UNSW is committed to developing partnerships with a range of diverse communities that will benefit both the communities and the University itself. In 2001 there were several major partnership initiatives.

In May, the relationship between UNSW and the Greek Australian community was strengthened with the launch of two new projects that will see UNSW recording the history of Greek settlement in NSW, and expanding the University's Modern Greek program through a distance learning program via the internet.

UNSW established an exchange office at Tohoku University in Japan. Tohoku will establish a similar office at UNSW, to be located within UNSW International. The offices will facilitate student and staff exchanges between the two universities.

The Spanish Government, through its Education Office, together with UNSW and the University of Sydney, signed an agreement in October this year to place a Spanish teacher within the Department of Spanish and Latin American Studies at UNSW.

For the second year running, UNSW has won the Australian Exporter of the Year Award (Education). UNSW has established itself as a world benchmark for effective and successful export of education and quality support services, for international students drawn from over 90 countries.

The University continues to liaise with the ethnic press to ensure that relevant information regarding research and teaching activities are appropriately promulgated.

The University, through the Office of Public Affairs and Development (PAD), is coordinating a conference to be held in 2002 regarding multicultural aged care. PAD is liaising with the Ethnic Communities Council of NSW, the Council for Multicultural Australia and a number of Migrant Resource Centres in the development of this conference.

The University continues to liaise with consular offices in Sydney for the dissemination of appropriate information for consumption locally and overseas.

The Faculty of Arts and Social Sciences, in conjunction with PAD, is working with the Australian Irish Community to raise money to establish a Chair in Modern Irish Studies at UNSW.

PAD is working with the Maltese and Vietnamese communities to establish scholarships for disadvantaged students from these communities wanting to study at UNSW.

INFORMATION AND SUPPORT FOR STUDENTS

COUNSELLING SERVICE

In Session 2 of 2001, the Counselling Service conducted a Client Satisfaction Survey. One of the questions asked respondents to rate on a five-point scale their experience of the cultural sensitivity and awareness of staff. A rating of one point signified a very poor experience while a rating of five signified an excellent experience. The mean rating for the responses was midway between good and very good.

Respondents were also asked to indicate the cultural group with which they identified. This allowed the data to be examined from the point of view of respondents from differing cultural identity. Only 44 of the 119 respondents identified as Australian.

Non-Australian students rated the cultural sensitivity/awareness of staff as good towards very good, while Australian respondents rated the cultural sensitivity/awareness of staff as slightly lower.

These results give us a benchmark on which to consciously build our diversity relevance and our cross-cultural competence.

Planning for a staff development program in cross-cultural counselling and customer service delivery is on the agenda for 2002.

CULTURAL DIVERSITY FOCUS OF LEARNING CENTRE INITIATIVES

The Learning Centre is committed to enhancing not only the equality of access, but also the equality of outcomes for all students from all backgrounds. It provides a supportive learning environment in which the language, learning and communication skills essential for academic success are explicitly taught. The Independent Learning Centre branch in particular, provides a safe, supportive, friendly and approachable learning environment where students from all backgrounds can access resources and attend workshops to support and enhance their educational development. Findings of a recent survey of students who have participated in Learning Centre workshops indicate that they provided an opportunity to meet people of different backgrounds, develop friendships that transcend national and cultural boundaries, and learn about other cultures.

The Centre ran several programs in 2001. There were preparatory programs such as the Intensive English Program, with a specific international student clientele, and the University Orientation and Study Skills course, which attracts a significant proportion of students from NESB and less advantaged backgrounds, to explicitly promote equity and access by teaching the academic skills required for successful university study.

The academic skills component of the Indigenous Pre-Law Program supports Indigenous students preparing to study law. The joint School of Law/Learning Centre peer tutoring scheme also pairs senior Law students with Year 1 students, mainly from NESB backgrounds to assist them with conceptual and language-based support.

TELL (talk, exchange, listen and learn) is a support program that fosters an inclusive context for language development and the exchange of cultural understandings. Concurrent

English programs provide intensive language and study skills support for international students.

Conversation classes are attended by students of many different nationalities and involve a high level of cultural exchange. Pronunciation workshops similarly involve the sharing of different language experiences and backgrounds.

CAREERS AND EMPLOYMENT

In 2001, Careers and Employment, with the Equity and Diversity Unit, set up a program for disadvantaged students to provide them with access to employment on campus, with English language difficulties being one of the types of disadvantage. Under the program, these students can be given preferential notification of casual jobs at UNSW as they become available.

INTERNATIONAL STUDENT SERVICES

International Student Services at UNSW provides a comprehensive range of services and programs to assist more than 8,000 international students to settle into the University, achieve their educational objectives, and promote mixing between different groups on campus. Some of the services include initial orientation programs for students and their dependents with an ongoing orientation seminar series, information services in both printed and video format, partners programs, and a returning home seminar.

There is support for student associations through an assembly of international student associations, bringing together representatives of the 10–12 home-country student organisations on campus, and International Student Services also organise social and cultural activities.

Advisers are also available at all times to provide support, culturally sensitive advice for students and their dependents on any issues that might be concerning them, and practical assistance with any crisis situations they might encounter.

**CULTURALLY COMPETENT STAFF
STAFF DEVELOPMENT**

The Staff Development unit provides training for academic and general staff in cultural diversity. The development of intercultural sensitivity skills for staff in teaching and curriculum development and forging overseas alliances has been identified as a key goal.

Equity and diversity competencies and issues will be addressed during the developmental phase of all courses and activities of Staff Development, and equity and diversity principles will be embedded in its training programs and

other activities. Presenters and resources used in Staff Development programs will reflect equity and diversity principles and appropriate courses will incorporate a specific equity and diversity module.

Staff Development works closely with Equity and Diversity in the development of its activities and training programs. This includes the development of cultural competencies as part of the workshop program for Postgraduate Supervisors. Due to the diversity of the student population at UNSW, supervisors must be aware of

the differences between gender and culture and how this may impact on the supervisor/student relationship.

Other initiatives include the integration of cultural awareness within the management and supervisory development and customer service programs for general staff; the incorporation of modules on managing diversity in all supervisor and management development programs; and the integration of cultural awareness into the Foundations in University Teaching and Learning program for new teaching staff.

HUMAN RESOURCES STATISTICS

UNSW SENIOR EXECUTIVE 2001

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Deputy Principals	2	2	2	2	2	2	2	2	1	1
Chief Financial Officer	0	0	0	0	1	1	1	1	1	1
Pro-Vice-Chancellors	0	0	1	1	1	1	2	3	3	3
Deputy Vice-Chancellor	2	2	2	2	2	2	2	2	2	2
Vice-Chancellor	1	1	1	1	1	1	1	1	1	1
Totals	5	5	6	6	7	7	8	9	8	8
Female Senior Executives	0	1	2	3	3	3	3	3	1	2

HUMAN RESOURCE STATISTICS – GENERAL STAFF

Salary Level	FTE			% of level who are Female	% of level who are Male	% of Total
	Female	Male	Total			
2001						
Level 1 & below	33	33	66	50%	3%	3%
Level 2	18	38	56	32%	1%	3%
Level 3	141	104	245	58%	11%	9%
Level 4	223	107	330	68%	17%	9%
Level 5	276	183	458	60%	21%	16%
Level 6	193	175	368	52%	15%	15%
Level 7	175	154	329	53%	13%	13%
Level 8	93	152	245	38%	7%	13%
Level 9	44	61	104	42%	3%	5%
Level 10 & above	37	64	101	37%	3%	6%
Total	1,233	1,070	2,303	54%	94%	93%
2000						
Level 1 & below	40	38	78	51%	3%	3%
Level 2	25	51	76	33%	2%	4%
Level 3	169	111	279	60%	13%	10%
Level 4	258	122	380	68%	20%	11%
Level 5	301	214	515	58%	23%	19%
Level 6	202	197	399	51%	15%	17%
Level 7	159	156	315	50%	12%	14%
Level 8	100	154	254	39%	8%	13%
Level 9	35	50	85	41%	3%	4%
Level 10 & above	25	59	84	30%	2%	5%
Total	1,314	1,151	2,465	53%	100%	100%
1999						
Level 1 & below	40	45	85	47%	3%	4%
Level 2	33	58	91	36%	3%	5%
Level 3	185	128	313	59%	14%	12%
Level 4	274	120	394	70%	21%	11%
Level 5	275	196	471	58%	21%	18%
Level 6	183	177	360	51%	14%	16%
Level 7	130	163	293	44%	10%	15%
Level 8	106	141	247	43%	8%	13%
Level 9	42	60	102	41%	3%	5%
Level 10 & above	26	52	78	33%	2%	5%
Total	1,294	1,104	2,398	54%	100%	100%

HUMAN RESOURCE STATISTICS – GENERAL STAFF

Salary Level	FTE			% of level who are Female	% of Total who are Male	
	Female	Male	Total			
1998						
Level 1 & below	46	49	95	49%	4%	4%
Level 2	44	71	115	38%	3%	6%
Level 3	232	132	363	64%	18%	11%
Level 4	276	108	383	72%	21%	9%
Level 5	267	231	497	54%	21%	19%
Level 6	178	188	367	49%	14%	16%
Level 7	115	180	295	39%	9%	15%
Level 8	101	147	249	41%	8%	12%
Level 9	44	46	91	49%	3%	4%
Level 10 & above	18	52	70	26%	1%	4%
Total	1,320	1,203	2,523	52%	100%	100%
1997						
Level 1 & below	45	69	113	40%	3%	5%
Level 2	44	91	135	33%	3%	7%
Level 3	308	144	452	68%	24%	11%
Level 4	279	136	414	67%	22%	11%
Level 5	258	228	486	53%	20%	18%
Level 6	159	176	335	47%	12%	14%
Level 7	163	212	376	43%	13%	17%
Level 8	115	138	253	46%	9%	11%
Level 9	24	35	60	41%	2%	3%
Level 10 & above	18	53	71	25%	1%	4%
Total	1,414	1,282	2,696	52%	100%	100%
1996						
Level 1 & below	51	91	142	36%	4%	7%
Level 2	50	110	160	31%	4%	8%
Level 3	378	175	553	68%	29%	13%
Level 4	271	137	408	66%	21%	10%
Level 5	252	253	504	50%	19%	18%
Level 6	149	189	338	44%	12%	14%
Level 7	175	228	403	44%	14%	16%
Level 8	89	128	217	41%	7%	9%
Level 9	18	37	55	33%	1%	3%
Level 10 & above	22	53	75	29%	2%	4%
Total	1,455	1,400	2,855	51%	100%	100%
1995						
Level 1 & below	55	93	147	37%	4%	7%
Level 2	65	136	200	32%	5%	10%
Level 3	431	183	613	70%	33%	13%
Level 4	210	116	326	64%	16%	8%
Level 5	254	247	500	51%	20%	18%
Level 6	134	186	320	42%	10%	13%
Level 7	167	212	379	44%	13%	15%
Level 8	86	138	224	38%	7%	10%
Level 9	16	35	51	31%	1%	3%
Level 10 & above	17	52	69	24%	1%	4%
Total	1,434	1,396	2,830	51%	100%	100%

HUMAN RESOURCE STATISTICS – ACADEMIC STAFF

Level	Salary Range	FTE			% of level who are Female	% of Total Female	% of Total Male
		Female	Male	Total			
2001							
Level E (Professor)	99,129	22	261	283	8%	4%	20%
Level D (Associate Professor)	76,956 - 84,780	31	218	248	12%	6%	16%
Level C (Senior Lecturer)	63,912 - 73,695	136	384	520	26%	26%	29%
Level B (Lecturer)	52,173 - 61,957	209	372	581	36%	40%	28%
Level A (Associate Lecturer)	36,540 - 49,563	167	152	319	52%	32%	11%
Total		565	1,385	1,951	29%	107%	105%
%		29%	71%	100%			
2000							
Level E (Professor)	97,186	23	230	253	9%	4%	17%
Level D (Associate Professor)	75,447 - 83,118	28	214	242	11%	5%	16%
Level C (Senior Lecturer)	62,658 - 70,833	136	399	534	25%	26%	30%
Level B (Lecturer)	51,150 - 60,742	194	341	535	36%	37%	26%
Level A (Associate Lecturer)	35,824 - 48,951	148	139	287	51%	28%	11%
Total		527	1,324	1,851	28%	100%	100%
%		28%	72%	100%			
1999							
Level E (Professor)	94,337	23	249	272	8%	4%	17%
Level D (Associate Professor)	73,234 - 80,681	41	265	306	13%	8%	18%
Level C (Senior Lecturer)	60,882 - 70,132	111	421	532	21%	21%	29%
Level B (Lecturer)	49,652 - 58,962	205	339	544	38%	39%	24%
Level A (Associate Lecturer)	34,774 - 47,168	142	162	304	47%	27%	11%
Total		522	1,436	1,958	27%	100%	100%
%		27%	73%	100%			
1998							
Level E (Professor)	92,487	19	237	256	7%	4%	16%
Level D (Associate Professor)	71,798 - 79,099	35	268	303	12%	7%	18%
Level C (Senior Lecturer)	59,629 - 68,757	107	430	537	20%	21%	29%
Level B (Lecturer)	48,678 - 57,806	208	349	557	37%	40%	24%
Level A (Associate Lecturer)	34,092 - 46,243	151	182	333	45%	29%	12%
Total		520	1,466	1,986	26%	100%	100%
%		26%	74%	100%			
1997							
Level E (Professor)	85,051	17	221	238	7%	3%	15%
Level D (Associate Professor)	66,026 - 72,740	50	261	311	16%	10%	18%
Level C (Senior Lecturer)	54,835 - 63,229	96	443	539	18%	19%	30%
Level B (Lecturer)	44,764 - 53,158	209	359	568	37%	41%	24%
Level A (Associate Lecturer)	31,335 - 42,525	143	187	330	43%	28%	13%
Total		515	1,471	1,986	26%	100%	100%
%		26%	74%	100%			
1996							
Level E (Professor)	81,780	13	212	225	6%	3%	15%
Level D (Associate Professor)	63,487 - 69,942	29	215	244	12%	6%	16%
Level C (Senior Lecturer)	52,726 - 60,797	86	446	532	16%	18%	32%
Level B (Lecturer)	43,042 - 51,113	199	333	532	37%	42%	24%
Level A (Associate Lecturer)	30,145 - 40,889	142	178	320	44%	30%	13%
Total		469	1,384	1,853	25%	100%	100%
%		25%	75%	100%			
1995							
Level E (Professor)	80,176	13	208	221	6%	3%	15%
Level D (Associate Professor)	62,242 - 68,571	29	207	236	12%	6%	15%
Level C (Senior Lecturer)	51,692 - 59,605	84	455	539	16%	18%	33%
Level B (Lecturer)	42,198 - 50,111	190	333	523	36%	41%	24%
Level A (Associate Lecturer)	29,554 - 40,087	143	183	326	44%	31%	13%
Total		459	1,386	1,845	25%	100%	100%
%		25%	75%	100%			

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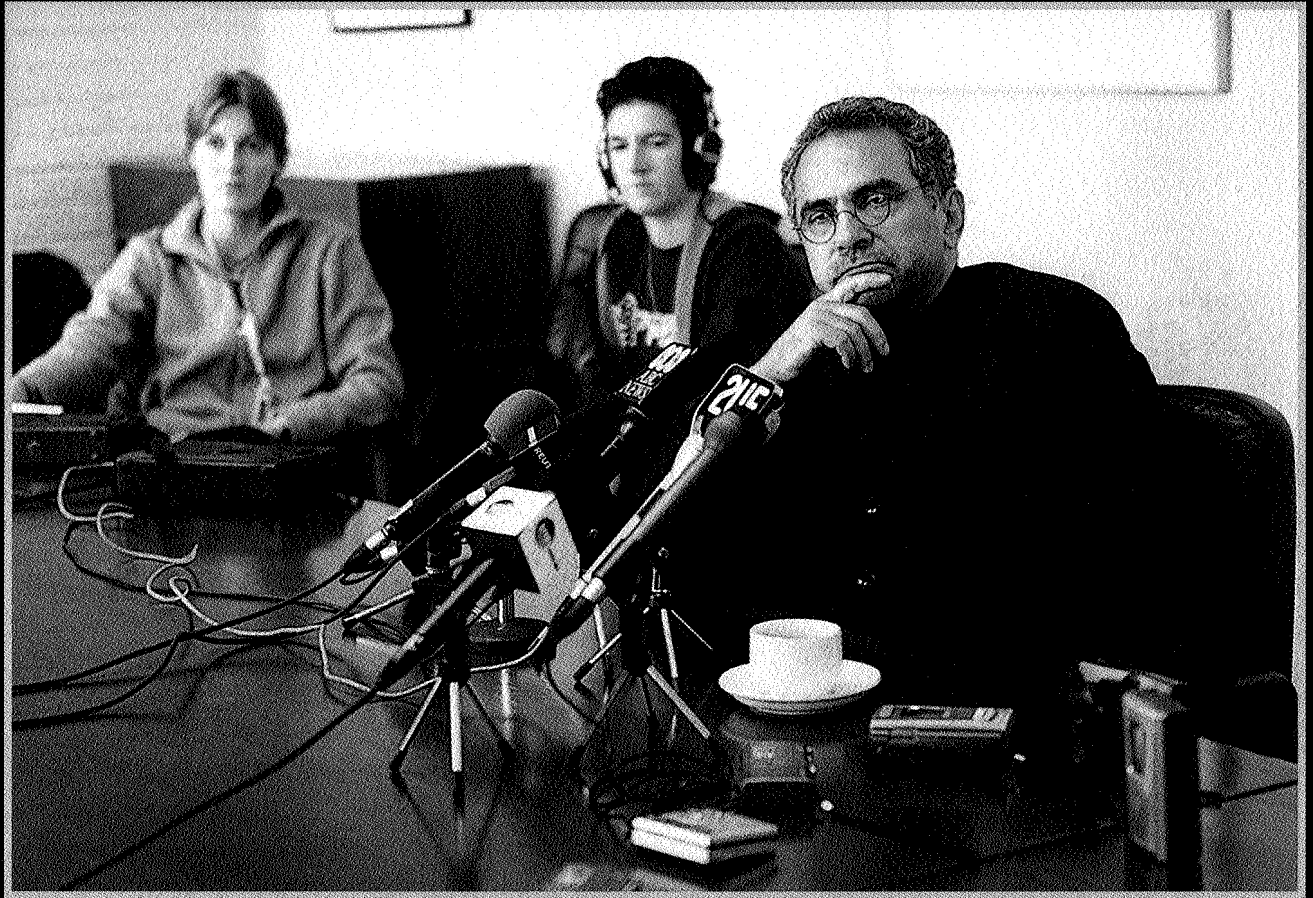
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2001





Nobel Peace Prize Laureate, José Ramos-Horta told a capacity crowd at his public lecture in *The Scientia*: “We are a free and independent East Timor, thanks to you.” He pointed to the need for peace and stability to bring foreign investment and jobs to East Timor. “We must try to normalise relations with Indonesia. There is no alternative, we are there forever, to co-exist, one next to the other,” he said.

Finance

Financial Report

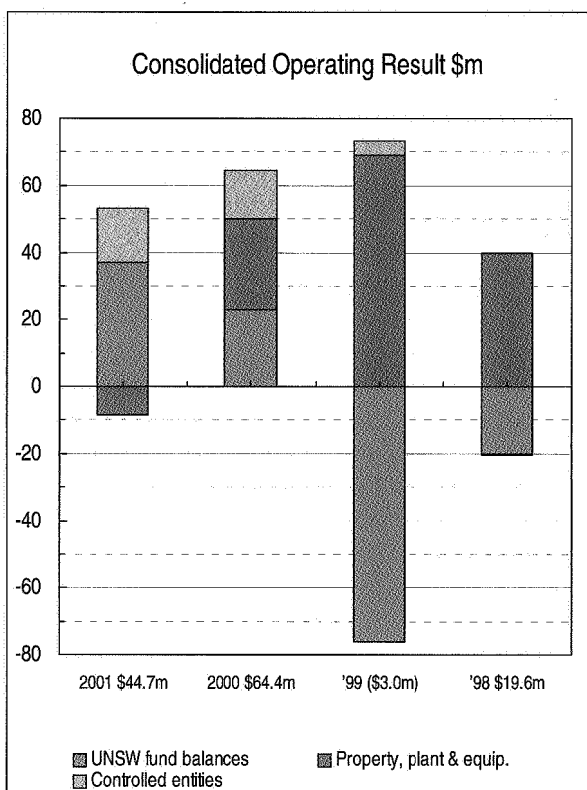
The Financial Report for the year ended 31 December 2001 has been prepared in accordance with Section 41B of the Public Finance and Audit Act 1983. The NSW Auditor General has furnished an opinion on the Statements in terms of Section 41C(1B) and 1(C) of that Act. Both the Report and the opinion are shown on pages 108 and 109 of this Annual Report.

The consolidated financial report has been prepared for the University and its controlled entities on an accrual basis in accordance with the policies disclosed in the Report.

Consolidated Results for 2001

The consolidated operating result for the year ended 31 December 2001 was a surplus of \$44.7 million (\$64.4 million surplus in 2000). Table 1 shows the break up of the consolidated operating result in terms of movements in University cash and non-cash assets, and assets of controlled entities.

Table 1: CONSOLIDATED OPERATING RESULT- Consolidated columns



	2001 \$ mil	2000 \$ mil	1999 \$ mil	1998 \$ mil
Operating Revenue (i)	763.3	715.1	640.8	615.0
Operating Expenditure (i)	(718.8)	(649.6)	(627.2)	(585.6)
	44.4	65.6	13.6	29.5
Outside equity, abnormal	0.2	(1.1)	(16.7)	(9.9)
Operating Result	44.7	64.4	(3.0)	19.6
<u>Represented by:</u>				
Other accumulated funds (ii)	30.8	13.4	(74.6)	(11.1)
Research, endowment & beneficial funds	5.4	4.5	4.2	(10.4)
Prepaid & unexpended grants	1.0	5.1	(5.9)	1.3
UNSW Fund balances	37.1	22.9	(76.3)	(20.2)
UNSW property, plant & equip.	(8.5)	26.9	69.2	39.8
Controlled Entities	16.1	14.6	4.0	(0.1)
Operating Result	44.7	64.4	(3.0)	19.6
(i) Excludes Deferred Superannuation	84.2	(57.8)	(35.0)	(2.9)
(ii) Excludes transfer from/(to) Reserves		2.9		

The results for each of the entities within the UNSW group are summarised in Table 2.

Table 2: 2001 RESULTS OF ENTITIES IN THE UNSW GROUP

	Operating revenue \$'000	Operating expenses \$'000	Net operating result \$'000	Accumulated funds \$'000
University	649,466	620,844	28,622	874,432
Deferred employee benefits for superannuation	84,161	84,161	-	-
	733,627	705,005	28,622	874,432
AGSM Ltd & AGSM Consulting Ltd	41,439	41,988	(280)	15,302
UNSW International House Ltd	1,517	1,328	189	1,901
UNSW Press Ltd	12,201	12,345	(144)	906
Unisearch Ltd	16,537	15,821	716	7,209
NewSouth Global Ltd	61,702	56,998	4,704	7,704
UNSW Foundation Ltd as trustee for the UNSW Foundation	12,569	1,891	10,678	26,912
Australian Education Consultancy Ltd	1,468	1,189	236	687
Biosignal Pty Ltd	1,066	1,115	(49)	1
Inter-group eliminations	(34,696)	(34,696)		(14,651)
	847,430	802,984	44,672	920,403

During the year Reserves increased by \$25.4 million and included; an increase of \$19.8 million due to revaluations of buildings, student accommodation and residential property; and, a \$5.6 million increase in the value of investments.

By the end of 2001 UNSW's liability for NSW State emerging cost superannuation schemes had increased to \$245.4 million, a \$84.2 million, or 52.2%, increase on the previous year. Movements in the liability over the last five years have been:

	2001 \$'000	2000 \$'000	1999 \$'000	1998 \$'000	1997 \$'000
Liability at 31 December	245,434	161,273	219,107	254,147	257,014
Change in liability from previous year	84,161	(57,834)	(35,040)	(2,867)	(19,107)

Under the accounting treatment that is required to be adopted the 2001 increase in the liability has the effect of misleadingly increasing University and Consolidated revenue and expenses by \$84.2 million. Conversely, in the previous four years revenue and expenses in those years have been reduced by the amounts shown above. On the Statement of Financial Position the University's liability for NSW State emerging cost superannuation schemes is included in the Provision for Staff Superannuation and is offset by recognising the Government as a debtor in Receivables. In order to avoid misleading comparisons, throughout the analysis and commentary that follows *Deferred Government Superannuation Contributions* and *Deferred Employee Benefits for Superannuation* have been excluded from revenue and expenses.

After excluding *Deferred Government Superannuation Contributions*, revenue increased by \$48.2 million, or 6.7%, over the year from \$715.1 million to \$763.3 million, due to the following movements:

	increase/(decrease)
● Commonwealth block grants	\$10.1 million
● Competitive grants, other grants and donations	(\$4.8 million)
● Fees for courses	\$28.7 million
● Other fees and charges	\$30.1 million
● Investment income	(\$4.2 million)
● Recoveries and other income	(\$11.7 million)

As a percentage of total revenue, block grants from the Commonwealth declined from 40% in 2000 to 39% in 2001. When taken together with competitive and other grants provided by the Commonwealth and NSW governments the percentage is 51% in 2000 compared to 49% in 2001.

After excluding *Deferred Employee Benefits for Superannuation*, expenses rose by \$69.2 million over the previous year, or 10.7%. Movements were:

	increase/(decrease)
● Employee benefits	\$32.8 million
● Depreciation and amortisation	\$5.7 million
● Repairs and maintenance	\$3.1 million
● Contract services	\$12.6 million
● Travel, staff development and entertainment	\$5.3 million
● Consumables, overheads, other, etc.	\$9.7 million

Net cash from operating activities, investment activities and Government increased by \$37.4 million, compared with a \$61.3 million increase in the previous year. Payments for Property, Plant and Equipment in 2001 were \$41.1 million, compared to \$66.1 million in 2000.

Assets have increased by \$145.3 million and Liabilities have increased by \$75.5 million, with the result that by the end of 2001 Net Assets had increased by \$69.8 million or 6.4%. Changes in assets and liabilities included:

Assets:

- Overall cash and investments have increased by \$45.9 million;
- The value of land and buildings, net of depreciation, increased by \$19.5 million, which included \$19.8 million in increases due to revaluations. The value of plant and equipment, net of depreciation, decreased by \$7.8 million;
- Deferred Government Superannuation Contributions increased by \$84.2 million. Other receivables increased by \$1.8 million and other assets (including inventories) increased by \$1.7 million;

Liabilities:

- Provisions for long service leave, annual leave, workers compensation and Professorial Superannuation decreased by \$2.4 million. Provisions for Deferred Employee Benefits for Superannuation increased by \$84.2 million;
- Income in advance has increased by \$5.8 million; and,
- Accrued expenses decreased by \$5.2 million, sundry creditors decreased by \$1.7 million and other liabilities decreased by \$5.2 million.

University (only) results for 2001

Tables 3, 4 and 5 compare the actual results for the University (excluding controlled entities) with the estimated statement of financial performance, statement of financial position and statement of cash flows as shown in the 2001 UNSW Budget that was approved in November 2000. The actual net operating result for 2001 of \$28.6 million was \$25.8 million more than the result estimated in the Budget.

Table 3: STATEMENT OF FINANCIAL PERFORMANCE FOR YEAR ENDED 31 DECEMBER 2001
University columns

2000 Actual \$'000		2001 Actual \$'000	Budget Approved Nov 2000 \$'000	2002 Budget \$'000
	Commonwealth Grants:			
226,602	HEFA	224,314	229,474	230,065
35,828	Department of Defence	36,489	36,311	36,801
62,691	HECS	71,865	65,974	74,938
158,306 ⁽ⁱ⁾	Fees and Charges	191,560 ⁽ⁱⁱ⁾	145,807	179,764
82,319	Grants and Donations	90,811	87,055	110,269
27,298	Other	17,238	16,482	24,205
19,684	Investment Income	17,189	14,131	15,087
612,728		649,466	595,234	671,129
(57,834)	Deferred Govt Superannuation Contributions	84,161		
554,894	REVENUE	733,627	595,234	671,129
339,522	Employee Benefits	361,620	357,090	368,884
32,351	Depreciation and amortisation	37,699	38,219	41,172
6,631	Amortisation of IT development- NSS Project	6,507	7,962	7,854
30,174	Scholarships and Awards	32,439	31,381	33,322
15,951	Travel, staff development & entertainment	21,543	15,368	15,829
14,767	Repairs and Maintenance	17,902	12,102	18,571
31,816	Contract Services	41,850	38,538	42,745
91,625	Consumables & other expenses	101,284	91,796	103,400
562,837		620,844	592,456	631,777
(57,834)	Deferred Employee Benefits for Superannuation	84,161		
505,003	EXPENSES	705,005	592,456	631,777
49,891	NET OPERATING RESULT	28,622	2,778	39,352
793,019	Accumulated Funds at 1 January	845,810	845,810	874,432 ⁽ⁱⁱ⁾
2,900	Transfer from/(to) Reserves			
845,810	Accumulated Funds at 31 December	874,432	848,588	913,784

(i) Includes \$20.3m (\$15.1m in 2000) in recoveries for costs paid on behalf of external organizations.

(ii) Adjusted to reflect the actual balance at the end of 2001.

Actual total assets exceeded the Budget by \$143.5 million. Of this increase \$84.2 million is due to the increase in the Deferred Superannuation Government Contribution and \$19.8 million is due to revaluations of buildings, student accommodation and residential property.

At \$462.3 million actual total liabilities exceeded the Budget by \$99.1 million. Of this increase, \$84.2 million is due to the increase in provisions for Deferred Employee Benefits for Superannuation.

Table 4: STATEMENT OF FINANCIAL POSITION FOR YEAR ENDED 31 DECEMBER 2001 –
University columns

2000 Actual \$'000		2001 Actual \$'000	Budget Approved Nov 2000 \$'000	2002 Budget \$'000
305,216	Cash and Investments	350,071	319,309	396,852 ⁽ⁱ⁾
47,706	Receivables and other	52,212	44,251	44,271
967	Inventories	902	624	624
876,673	Property, Plant and Equipment	893,745	875,592	909,923 ⁽ⁱ⁾
28,222	IT development – NSS Project	22,477	20,260	14,623 ⁽ⁱ⁾
158,714	Deferred Government Superannuation Contributions	242,875	158,714	242,875 ⁽ⁱ⁾
1,417,498	TOTAL ASSETS	1,562,282	1,418,750	1,609,168
272,316	Provisions	353,357	275,230	354,942 ⁽ⁱ⁾
99,388	Others	108,924	87,912	108,245
371,704	TOTAL LIABILITIES	462,281	363,142	463,187
1,045,794	NET ASSETS	1,100,001	1,055,608	1,145,981
845,810	Accumulated Funds	874,432	848,588	913,784 ⁽ⁱ⁾
	Reserves:			
191,823	Asset Revaluation	211,637	191,823	211,637 ⁽ⁱ⁾
8,161	Investment Revaluation	13,932	15,197	20,560 ⁽ⁱ⁾
1,045,794	TOTAL EQUITY	1,100,001	1,055,608	1,145,981

(i) Adjusted to reflect the actual balance at the end of 2001.

The net cash from operating activities, investment activities and Government exceeded the Budget by \$39.4 million. Payments for property, plant and equipment in 2001 were \$3.3 million higher than the level estimated in the Budget.

Table 5: STATEMENT OF CASH FLOW FOR YEAR ENDED 31 DECEMBER – University columns

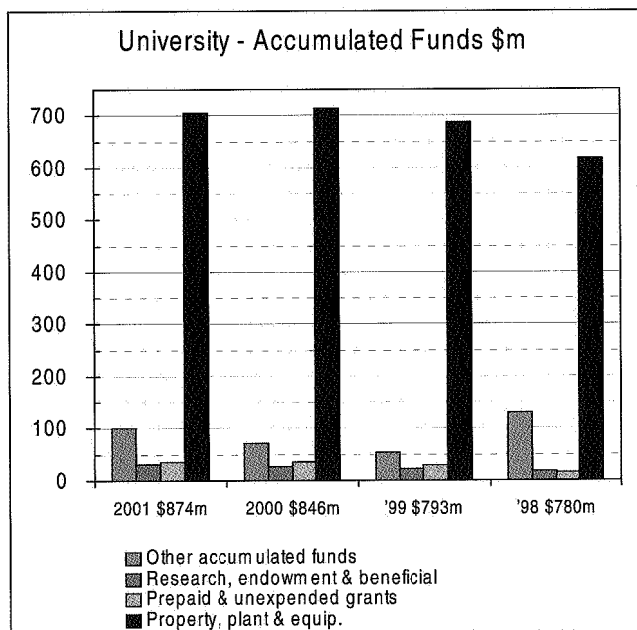
2000 Actual \$'000		2001 Actual \$'000	Budget Approved Nov 2000 \$'000	2002 Budget \$'000
CASH FLOWS FROM OPERATING ACTIVITIES				
Inflows:				
298,237	Commonwealth Government Grants	301,469	265,785	266,866
3,286	NSW Government and Statutory Authorities	3,946	3,121	3,215
16,292	Higher Education Contribution Scheme			
	Student payments	17,167	16,295	19,743
46,399	Higher Education Trust Fund	54,698	49,679	55,195
208,448	Other Operating Revenue	248,850	246,223	319,269
19,613	Interest	17,189	14,131	15,087
Outflows:				
(513,630)	Operating Expenses	(569,966)	(546,275)	(581,168)
78,645	Net Cash Provided/(Used) by Operating Activities	73,353	48,959	98,207
CASH FROM INVESTING ACTIVITIES				
Inflows:				
11,203	Proceeds from Sale of Property, Plant & Equipment	975		
Outflows:				
(6,776)	Payments for IT Development – NSS	(762)		
(18,947)	Payments for Purchase of Plant and Equipment	(23,971)	(26,052)	(22,712)
(35,510)	Payments for Purchase of Land and Buildings	(15,733)	(11,086)	(34,638)
(50,030)		(39,491)	(37,138)	(57,350)
27,104	Net cash flows on investments	2,632	(14,736)	(8,952)
(22,926)	Net cash provided/(used) by investing activities	(36,859)	(51,874)	(66,302)
55,719	Net Increase/(Decrease) in Cash Held	36,494	(2,915)	31,905
70,642	Cash at Beginning of Reporting Period	126,361	126,361	162,855 ⁽ⁱ⁾
126,361	Cash at End of Reporting Period	162,855	123,446	194,760 ⁽ⁱ⁾

(i) Adjusted to reflect cash at the end of 2001.

Accumulated Funds of the University

The University's Accumulated Funds (i.e. excluding controlled entities) increased by \$28.6 million over the year from \$845.8 million to \$874.4 million, see Table 6. Of this increase, fund balances (cash assets) increased by \$37.1 million and Property, Plant and Equipment (after excluding revaluations) decreased by \$8.5 million. The increase in fund balances was comprised of: a \$1.0 million increase in Commonwealth grants in advance or unexpended; a \$5.3 million increase in research, endowment and beneficial funds; and, a \$30.8 million increase in other accumulated funds.

Table 6: ACCUMULATED FUNDS- University columns



	2001 \$ mil	2000 \$ mil	1999 \$ mil	1998 \$ mil
Other accumulated funds	101.6	70.8	54.5	129.2
Research, endowment & beneficial funds (i)	32.4	27.1	22.6	18.4
Prepaid & unexpended grants	35.8	34.8	29.7	15.5
Fund balances	169.8	132.7	106.8	163.1
Property, plant & equipment #	704.6	713.1	686.2	616.9
Accumulated Funds	874.4	845.8	793.0	780.0

excludes:

Asset Revaluation Reserve	211.6	191.8	164.1	163.3
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(i) Does not include endowment and beneficial funds held by UNSW in trusts which under accounting standards are included in Other Liabilities on the Statement of Financial Position.

Investment Management and Performance

The University's investment activities are regulated by the Public Authorities (Financial Arrangements) Act 1987 ("the Act"). By virtue of being granted Part 4 powers (as per Schedule 4 of the Act) UNSW is authorised to invest in "investments of any kind".

During 2001 the University's investments were divided between the following three investment Pools:

Pool L, a long-term investment fund with an investment horizon of more than two years managed by five external fund managers;

Pool S, the University's short-term working capital with an investment horizon of less than two years managed internally by UNSW's Treasury and Investment Services; and Pool P, investments in special projects and property (generally for student housing) managed internally by UNSW's Treasury and Investment Services.

In accordance with the Annual Reports (Statutory Bodies) Regulation 1985 the performance of Pools L and S are measured in Table 7 against Treasury Corporation Facilities. It is not appropriate for Pool P's performance to be measured in this way as it is a project fund and its investment criteria and horizon differ markedly from any of the Treasury Corporation facilities.

Table 7: INVESTMENT PERFORMANCE - University columns

	Fund Manager	Return ⁽ⁱ⁾ for 12 months to 31/12/2001	Treasury Corporation Facility Performance for 12 months to 31/12/2001	Return ⁽ⁱ⁾ for 12 months to 31/12/2000	Treasury Corporation Facility Performance for 12 months to 31/12/2000
		%	%	%	%
Pool L	External	11.32	6.33	12.94	10.66
Pool S	UNSW	8.73	5.41	8.33	6.11

⁽ⁱ⁾ The returns in Table 7 reflect the change in market value of investments between the beginning and end of the year and, therefore, include unrealised capital gains and losses.

The effect on international share markets following the September 11 terrorist attacks reduced the returns of Pool L. Australian shares were insulated from some of this effect and, consistent with the Australian economy, continued to perform well.

Since July 1998 UNSW's long-term investment fund (Pool L) has been divided into three sectors (domestic equities, overseas equities and global fixed interest). The investments in each of these sectors are managed by a group of specialist fund managers who have expertise in the management of those investments. The strategic asset allocation of Pool L and the selection of appropriate sector specialists have been determined with the advice of a specialist asset consultant, Van Eyk Research.

A better indication of the performance of Pools S and L is achieved by comparing their performance to that of similar funds or an appropriate index.

The return of 11.32% for Pool L compares very favourably to the mean (asset weighted) return on similar pooled funds of 4.4%* for the same period. The over performance (relative to benchmark and other funds*) can be attributed to the superior performance of one of UNSW's Australian equity managers (Maple-Brown Abbott) and Pool L's superior strategic asset allocation which limited UNSW's exposure to overseas equities.

The return of 8.73% for Pool S compares very favourably to the benchmark index of 5.3%** for the same period. The over performance (relative to benchmark) for Pool S can be attributed to UNSW's investment management decisions.

(* Source – Intech – Market-Linked and Capital-Stable Pooled Funds Surveys)

**WDR Bank Bill Index and UBSWA Composite Bond Indices)

Table 8 shows realised and unrealised investment income for 2001.

Table 8: INVESTMENT INCOME - University columns

	2001 \$'000	2000 \$'000	Variation \$'000
Short to Medium-Term Fund	9,170	8,473	697
Long Term Investment Fund	11,051	13,086	(2,035)
	20,221	21,559	(1,338)
Investment income attributable to CRC's trusts and external organisations	(3,032)	(1,875)	(1,157)
Investment income included in Operating Revenue	17,189	19,684	(2,495)
Custodial Fees and Investment Management Fees	(1,612)	(1,290)	(322)
Movement in investment revaluation reserve	5,771	(5,004)	10,774
Total	21,348	13,390	7,957

Major University Assets

Note 11 of the financial statements, shows by asset class the value of the University's property, plant and equipment at 31 December 2001. During 2001 the University acquired the following major assets (other than buildings and land holdings):

Table 9

Category	Description of Equipment	Purchase Price \$
Computer Equipment:	Enterprise Server	103,275
	Cyrax 3D Laser Scanner	150,000
	HP 800mhz Server	182,454
	Unix Server	710,371
		1,146,100
Other Plant and Equipment:	Spectral Confocal Microscope	105,023
	X-Pert PRO XRD (Cross-referencing Data System)	476,662
	Fibre optic package	110,000
	Digital Instrument Dimension	217,300
	Preparative Ultracentrifuge	125,000
	Universal Inverted Microscope	120,964
	Elan 6100 Mass Spectrometer	239,489
	Particle Image Velocimeter System	210,000
	Catalyst Characterisation System	147,000
	Mass Spectrometer	210,000
	Laser scribing workstation	380,322
	Automated stage assembly	147,265
	Multimode Scanning Probe Microscope System	310,000
	High Capacity Stiff Testing System	123,980
		2,923,005
	Total purchases over \$100,000	4,069,105

University Account Payment Performance

Table 10

	March \$'000	June \$'000	Sept. \$'000	Dec. \$'000
2000				
Current (ie within due date)	2,487	547	1,708	1,145
Less than 30 days overdue	748	576	742	5,460
Between 30 and 60 days overdue	57	170	66	333
Between 60 and 90 days overdue	14	278	743	2,128
More than 90 days overdue	47	50	40	2,586
	3,353	1,621	3,299	11,652
2001				
Current (ie within due date)	1,670	2,050	1,672	356
Less than 30 days overdue	674	2,042	327	2,954
Between 30 and 60 days overdue	234	93	104	786
Between 60 and 90 days overdue	450	217	46	732
More than 90 days overdue	100	677	38	5
	3,128	5,079	2,187	4,833

No interest was paid due to late payments during 2000 and 2001.

Consultants

Under Schedule 1 of the Annual Reports (Statutory Bodies) regulation UNSW's Annual Report is not required to contain information on consultants. For this voluntary disclosure to be consistent with similar information provided by other Statutory Bodies, UNSW has applied the definition of a consultant as outlined in the *Guidelines for the engagement and use of consultants* issued by the Public Employment Office.

For individual consultancies costing less than \$30,000 the University paid during 2001 a total of \$74,320.32 to 8 consultancies. There were no payments to consultants for amounts greater than \$30,000.

Matters Raised by the NSW Auditor-General in Management Letter

The following information summarises matters raised by the NSW Auditor-General in the Management Letter on the audit for the year ended 31 December 2000 and the actions undertaken by University management.

<u>Area of Identified Deficiency</u>	<u>Action</u>
1. Inability to reconcile student fee debtors with General Ledger	During the week ending 17 August 2001 the system reports necessary for reconciliation and internal control purposes were delivered. The July 2001 reconciliation of the NSS Student Financials with the General Ledger was completed during September 2001. From the end of September 2001 regular monthly preparation and monitoring of the reconciliation of the NSS Student Financials with General Ledger resumed.
2. Timeframe for completion of Business Continuity Plan	Disaster Recovery facilities functional in February 2002. Relocation to permanent remote site in June 2002.

University of New South Wales 2001 Financial Report

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GPO BOX 12
SYDNEY NSW 2001

INDEPENDENT AUDIT REPORT

UNIVERSITY OF NEW SOUTH WALES

To Members of the New South Wales Parliament

Scope

I have audited the accounts of the University of New South Wales for the year ended 31 December 2001. The financial report includes the consolidated financial statements of the consolidated entity comprising the University and the entities it controlled at the year's end or from time to time during the financial year. The members of the Council of the University are responsible for the financial report consisting of the accompanying statements of financial position, statements of financial performance and statements of cash flows, together with the notes thereto and the information contained therein. My responsibility is to express an opinion on the financial report to Members of the New South Wales Parliament based on my audit as required by sections 27B and 41C(1) of the *Public Finance and Audit Act 1983* (the PF&A Act).

My audit has been conducted in accordance with the provisions of the PF&A Act and Australian Auditing Standards to provide reasonable assurance whether the financial report is free of material misstatement. My procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial report, and the evaluation of accounting policies and significant accounting estimates.

These procedures have been undertaken to form an opinion whether, in all material respects, the financial report is presented fairly in accordance with the requirements of the PF&A Act, Accounting Standards, the mandatory disclosure requirements of the Guidelines for the Preparation of Annual Financial Statements for the 2001 Reporting Period by Australian Higher Education Institutions issued pursuant to the *Higher Education Funding Act 1988* (Guidelines) and other mandatory professional reporting requirements, in Australia, so as to present a view which is consistent with my understanding of the University's and the consolidated entity's financial position, the results of their operations and their cash flows.

The audit opinion expressed in this report has been formed on the above basis.

Audit Opinion

In my opinion, the financial report of the University of New South Wales complies with section 41B of the PF&A Act and presents fairly in accordance with applicable Accounting Standards, the mandatory disclosure requirements of the Guidelines and other mandatory professional reporting requirements the financial position of the University and the consolidated entity as at 31 December 2001 and the results of their operations and their cash flows for the year then ended.

A handwritten signature in cursive script, appearing to read 'A T Whitfield'.

A T Whitfield FCA
Deputy Auditor-General


SYDNEY
15 April 2002

i:\z454\iar2001.doc

STATEMENT BY MEMEBERS OF COUNCIL

Pursuant to Section 41C (1B) and (1C) of the *Public Finance and Audit Act 1983* as amended, and in accordance with this resolution of Council, we state that:

1. The financial report exhibits a true and fair view of the financial position and transactions of the University of New South Wales at 31 December 2001 and the results of the operations and transactions of the University for the year then ended;
2. The financial report has been prepared in accordance with the provisions of the *Public Finance and Audit Act 1983* and the Commonwealth Guidelines for the Preparation of Annual Financial Reports for the 2001 Reporting Period by Australian Higher Education Institutions;
3. The financial report has been prepared in accordance with Australian Accounting Standards, Consensus views of the Urgent Issues Group and other mandatory professional reporting requirements;
4. We are not aware of any circumstances which would render any particulars included in the financial report to be misleading or inaccurate;
5. There are reasonable grounds to believe that the University will be able to pay its debts as and when they fall due; and
6. The amount of Commonwealth grants expended during the reporting period was for the purposes for which it was granted.



Professor John R Niland
Vice-Chancellor & Principal

15 April 2002



Dr John Samuel Yu
Chancellor
15 April 2002

UNIVERSITY OF NEW SOUTH WALES
Statement of Financial Performance
for the Year Ended 31 December 2001

		<i>Consolidated</i>		<i>University</i>	
	Notes	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Revenue from ordinary activities	2	847,430	657,294	733,627	554,894
Expenses from ordinary activities	3	802,984	591,741	705,005	505,003
Operating Result - from ordinary activities before income tax expense		44,446	65,553	28,622	49,891
Income tax relating to ordinary activities	5	(43)	(76)	-	-
Net Operating Result		44,403	65,477	28,622	49,891
Net Operating Result attributable to outside equity interest	22	269	(1,028)	-	-
Net Operating Result attributed to parent entity		44,672	64,449	28,622	49,891
<i>Increase in asset and investment revaluation reserves attributed to parent entity</i>		25,130	18,656	25,585	19,539
Total Changes in Equity Other than those Resulting from Transactions with Owners as Owners		69,802	83,105	54,207	69,430

The accompanying notes form part of the financial report

UNIVERSITY OF NEW SOUTH WALES
Statement of Financial Position
as at 31 December 2001

		<i>Consolidated</i>		<i>University</i>	
	Notes	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Current Assets					
Cash assets		49,967	32,121	30,100	15,072
Inventories		2,422	2,339	902	967
Receivables	8	83,848	69,410	72,800	55,547
Other financial assets	9	145,358	125,761	132,755	111,289
Other	10	23,592	22,658	18,400	18,983
Total Current Assets		305,187	252,289	254,957	201,858
Non-Current Assets					
Receivables	8	203,298	131,770	203,298	131,770
Other financial assets	9	186,517	178,065	187,216	178,855
Property, plant and equipment	11	921,078	909,379	916,222	904,895
Other	10	3,778	3,100	589	120
Total Non-Current Assets		1,314,671	1,222,314	1,307,325	1,215,640
Total Assets		1,619,858	1,474,603	1,562,282	1,417,498
Current Liabilities					
Accounts payable	12	36,209	43,102	26,508	32,814
Provisions	13	73,668	60,854	71,997	59,526
Other	14	64,455	63,852	78,876	63,034
Total Current Liabilities		174,332	167,808	177,381	155,374
Non-Current Liabilities					
Provisions	13	281,980	213,051	281,360	212,790
Other	14	-	-	3,540	3,540
Total Non-Current Liabilities		281,980	213,051	284,900	216,330
Total Liabilities		456,312	380,859	462,281	371,704
Net Assets		1,163,546	1,093,744	1,100,001	1,045,794
Equity					
Reserves	15	238,357	212,958	225,569	199,984
Outside equity interest	22	4,786	5,055	-	-
Accumulated funds		920,403	875,731	874,432	845,810
Total Equity		1,163,546	1,093,744	1,100,001	1,045,794

The accompanying notes form part of the financial report

UNIVERSITY OF NEW SOUTH WALES
Statement of Cash Flows
for the Year Ended 31 December 2001

	Notes	<i>Consolidated</i>		<i>University</i>	
		<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Cash Flows From Operating Activities					
Inflows:					
Financial Assistance					
Commonwealth Government		301,469	298,237	301,469	298,237
NSW Government		3,946	3,286	3,946	3,286
Higher Education Contribution Scheme					
Student payments		17,167	16,292	17,167	16,292
Higher Education Trust Fund		54,698	46,399	54,698	46,399
Other operating revenue		360,849	293,574	248,850	208,448
Interest Received		21,088	25,663	17,189	19,613
Outflows:					
Salary and wages (including scholarships, stipends, long service leave and prepaid leave)		(404,642)	(338,913)	(390,883)	(310,327)
Other Operating Expenses		(276,739)	(255,563)	(179,083)	(203,303)
Net cash provided/(used) by operating activities	26(b)	77,836	88,975	73,353	78,645
Cash Flows From Investing Activities					
Inflows:					
Proceeds from sale of other financial assets		338,192	173,247	354,115	170,724
Proceeds from sale of property, plant and equipment	4	993	11,176	975	11,203
Outflows:					
Payments for purchase of other financial assets		(338,465)	(146,051)	(351,482)	(143,620)
Payments for purchase of plant and equipment		(25,357)	(29,658)	(24,733)	(25,723)
Payments for purchase of land and buildings		(15,756)	(36,415)	(15,733)	(35,510)
Net cash provided/(used) in investing activities		(40,393)	(27,701)	(36,859)	(22,926)
Net increase/(decrease) in cash held		37,443	61,274	36,494	55,719
Cash at beginning of reporting period		157,882	96,608	126,361	70,642
Cash at end of reporting period	26(a)	195,325	157,882	162,855	126,361

The accompanying notes form part of the financial report

UNIVERSITY OF NEW SOUTH WALES
Notes to the Financial Reports
for the Financial Year Ended 31 December 2001

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NOTES TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2001

1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

The significant policies which have been adopted in the preparation of this financial report are:

1(a) Basis of Preparation

The financial report is a general purpose financial report prepared in accordance with the requirements of: the Public Finance and Audit Act 1983; the Public Finance and Audit Regulation, 2000; and the Guidelines for the Preparation of Annual Financial Reports for the 2001 Reporting Period by Australian Higher Education Institutions issued by the Department of Education Science and Training (DEST) (formerly known as the Department of Education Training and Youth Affairs (DETYA)) and is drawn up in accordance with applicable Accounting Standards; other authoritative pronouncements of the Australian Accounting Standards Board and/or the Public Sector Accounting Standards Board; Urgent Issues Group Consensus Views and other mandatory professional reporting requirements.

The Public Finance and Audit Regulation 2000 require deferred employee entitlements to be disclosed on the face of the Statement of Financial Position. The University has not complied with this requirement because including the information on the Statement would breach the mandatory format for the report, as determined by the Department of Education, Science and Training. However, the University has shown the required data in notes 13 and 17.

The financial report is prepared on an accrual basis and the policies have, except where a change is noted, been applied consistently throughout the period.

The measurement base applied is historical cost accounting except to the extent that investments are valued at market value and certain non-current assets have been revalued as disclosed elsewhere in the notes. Market/existing use values of assets (except investments) and liabilities, where they differ significantly from the historical cost basis, are shown separately in the notes.

Where necessary, comparative information has been reclassified to achieve consistency in disclosure with current financial year amounts and other disclosures.

1(b) Principles of Consolidation

The financial report includes the accounts of the parent entity, the University of New South Wales and the consolidated accounts of the economic entity comprising the University and the entities it controlled at the end of or during the financial year (see note 21).

The accounting policies adopted in preparing the financial report have been consistently applied by entities in the consolidated entity except as otherwise indicated. The balances, and effects of transactions, between controlled entities included in the consolidated financial reports have been eliminated.

Outside equity interest and results of the entities that are controlled by the University are shown as a separate item in the consolidated financial report.

Separate financial reports are also prepared by the University's controlled entities, which, with the exception of Australian Education Consultancy Ltd, are audited by the Auditor-General of New South Wales.

Effective 1 January 1999, the University of New South Wales split

Unisearch Ltd. into two separate companies, with Unisearch Ltd. having responsibility for technology development activities and NewSouth Global Pty Ltd. a wholly owned subsidiary of NewSouth Enterprises Pty Ltd, having responsibility for educational based activity. In 2000 the University of New South Wales transferred control of the Institute of Languages to NewSouth Global Pty Ltd and in 2001 the University of New South Wales transferred control of the Educational Testing Centre to NewSouth Global Pty Ltd.

1(c) Revenue Recognition

Operating Revenue

Financial assistance provided by the Government under the Higher Education Funding Act is recognised in the year in which it is received and therefore Grant Income received in the current year relating to the following year is recognised as operating revenue.

Revenue not received under the Higher Education Funding Act is recognised in the year to which the Grant applies.

Student Fees

Student fees are recognised as debtors following the census date for each session.

Sale of Goods and Services

Sales revenue comprises revenue earned (net of returns, discounts and allowances) from the supply of products to entities outside the consolidated entity. Sales revenue is recognised when the control of goods passes to the customer.

Fees and Charges for Services

Revenue from rendering services is recognised in the period in which the service is provided, having regard to the stage of completion of the service.

Investment Income

Interest income is recognised as it accrues. Dividend income is recognised as it is received.

Net Gains on Sale of Property Plant and Equipment

The gross proceeds of asset sales not originally purchased for the intention of resale are included as revenue at the date an unconditional contract of sale is signed.

Other Revenue

Represents miscellaneous income and other grant income not derived from core business.

1(d) Trust and Other Liabilities

Revenue received in respect of Trusts, Co-operative Research Centres and investments held on behalf of controlled and associated entities, is recognised under Other Liabilities.

1(e) Foreign currency

Transactions denominated in a foreign currency are converted at the exchange rate at the date of the transaction. Foreign currency receivables and payables at balance date are translated at exchange rates at balance date. Exchange gains and losses are brought to account in determining the profit or loss for the year.

Exchange gains and losses and costs arising on forward foreign exchange contracts entered into as hedges of specific commitments are deferred and included in the determination of the amounts at which the transactions are brought to account. All exchange gains and losses and costs relating to other hedge transactions are brought to account in the profit and loss account in the same period as the exchange differences on the items covered by the hedge transactions.

1(f) Receivables

Sundry and Student Debtors

Sundry and student debtors are carried at amounts due, with sundry debtors settled within 30 days and student debtors settled in accordance with the credit terms published in the University of New South Wales calendar. The collectability of debts is assessed at balance date and specific provision is made for any doubtful accounts.

Provision for Doubtful Debts

The provision for doubtful debts (University only) has been assessed based on past experience of the enrolment status of private and sponsored students, and aged sundry debtors. The balance of the provision has been decreased to \$10,360,000 (\$11,880,000 in 2000) with \$2,410,000 (\$2,410,000 in 2000) being for outstanding tuition fees and \$7,950,000 (9,470,000 in 2000) for sundry debtors.

In 2001 the provision approximated 1.86% (2.25% 2000) of revenues for private students, and 0.16% (0.19% 2000) for sponsored students of total tuition fees; and, 5.89% (7.72% 2000) of other revenues.

1(g) Policy on Financial Assets

Market values of fixed interest on financial assets are calculated by the application of the relevant valuation formulae. Unit Trusts are valued by reference to Redemption Unit Prices. Ordinary shares in Listed Companies are valued by reference to closing sale prices.

Financial assets and non current assets, which form part of the University financial assets portfolio, are revalued every year at 31 December. All realised and unrealised income on short-term financial assets is recognised in the Statement of Financial Performance. Unrealised income on long term investments is brought to account through the Financial Assets Revaluation Reserve.

Long term investments are investments that have a maturity date in excess of one year or where the University plans to hold the investments for more than one year.

1(h) Inventories

Inventories are carried at the lower of cost and net realisable value.

1(i) Property, Plant and Equipment

Acquisitions

Assets with a useful life of more than 12 months and a cost of acquisition in excess of \$5,000 are capitalised at cost. Costs incurred on plant and equipment which do not meet the criteria for capitalisation and are not a component that makes up a complex asset, are expensed as incurred.

The cost of constructed buildings, plant and equipment includes the cost of materials, direct labour and a proportion of overheads and other incidentals directly attributable to its construction.

Complex assets

Major items of plant and equipment comprising a number of components that have different useful lives, are accounted for as separate assets.

The components may be replaced during the useful life of the complex asset.

Subsequent additional costs

Costs incurred on property, plant and equipment subsequent to initial acquisition are capitalised when it is probable that future economic benefits, in excess of the originally assessed performance of the asset will flow to the consolidated entity in future years. Where these costs represent separate components of a complex asset, they are accounted for as separate assets and are separately depreciated over their useful lives.

Valuation

Land (Zoned for Educational Special Purposes.) is valued based on current market value.

Buildings and infrastructure assets are valued at written down replacement cost.

Works of Art are valued at fair retail replacement cost.

Residential Property held for teaching, research and other University purposes is valued at written down replacement cost. Other Residential Property and Student Accommodation is valued at current market value.

All other assets, including the following, are measured at cost:

- Computer Equipment;
- Computer Software;
- Motor Vehicles;
- Office Equipment;
- Other Equipment; and
- Library Holdings.

Assets acquired since valuation are valued at cost.

Revaluations

Land and infrastructure (not associated with buildings) are revalued every three years.

Buildings, Student Accommodation and Residential Property including associated infrastructure have been revalued on a three year rolling basis since 2000. Under this policy a portion of the Buildings, Student Accommodation and Residential Property and their associated infrastructure is revalued each year.

Works of Art are revalued within five years or less (where necessary).

Individual assets within each class may be revalued where they become surplus to the University's needs.

Valuations

Valuations Initial: Valuation in the University's financial report is the written down existing use value assigned by the valuers, Edward Rushton Australia Pty Ltd., as at 30 June 1991 for items where the cost was not known in 1991.

1996 valuations: Land, Building and Infrastructure assets were revalued as at 31 December 1996 by the Valuer General's Office.

1997 valuations: In accordance with the University's asset policy, the animal breeding facility at Little Bay was revalued by Egan National Valuers (NSW) Pty Ltd, as at 9 April 1997, on the basis that it is being held for limited continued use and the service potential would not be replaced if the University was deprived of it.

1998 valuations: Valuation of the University's rare and valuable book collection was undertaken in 1998 by Baiba Berzins and Associates.

2000 valuations: McWilliams and Associates Pty Ltd revalued Works of Art as at December 2000.

Land assets and approximately one-third of the building and associated infrastructure assets were revalued as at 31 December 2000 by the New South Wales State Valuation Office.

2001 valuations: Egan National Valuers (NSW) revalued a portion of Student Accommodation and Residential Property as at 31 December 2001. Valuations of a portion of the Buildings, Student Accommodation and Residential Property and associated infrastructure assets were also undertaken by the New South Wales State Valuation Office as at 31 December 2001.

Disposal of revalued assets

The gain or loss on disposal of revalued assets is calculated as the difference between the carrying amount of the asset at the time of disposal and the proceeds on disposal and is included in the results in the year of disposal.

Assets acquired since valuation are shown at cost.

Cost is the purchase price plus costs associated with installation, where assets are purchased, or all planning and construction costs associated with constructed assets.

Written Down Value

Property, Plant and Equipment acquired by the University are valued at acquisition cost. Where records are unavailable these assets have been brought to account at valuation and adjusted for accumulated depreciation.

Depreciation

Property, Plant and Equipment, including Buildings but excluding freehold Land, Student Accommodation and Residential Property, Works of Art and Rare Books are depreciated/amortised, on a straight line basis, over the estimated useful life of the asset. Additions are depreciated from the date of acquisition.

Depreciation expense is based on the Capital Cost of items and is calculated, on the straight line basis, at the following rates per annum:

Amortisation of Patents

Patents are amortised over their economic life, which averages 15 years.

	Controlled Entities	University
Buildings *	2.0%	2.5%
Computer Equipment	20% to 33%	33.3%
Computer Software	N/A	20%
Motor Vehicles	20% to 30%	6%
Office Equipment	10%	20%
Other Equipment	10%	10%
Library Holdings - research collection	20%	20%

* 2.5% for most buildings at the University but is variable where the estimated useful life is known.

1(j) Employee Entitlements

Annual Leave

The liability for annual leave represents the total nominal value including oncosts of leave accrued by employees but not taken.

Long Service Leave

The University Provision for Long Service Leave liability was actuarially assessed, as at 31 December 1999, by the NSW Government Actuary. The University calculated its 2001 liability based on the advice provided by the actuaries.

Staff Superannuation

The University contributed to the following superannuation schemes:

- Schemes managed by the SAS Trustee Corporation (STC).
- the State Superannuation Scheme (SSS);
- the State Authorities Superannuation Scheme (SASS); and
- the State Authorities Non-Contributory Superannuation Scheme (SANCS).

The STC Actuary completed the assessment of the Gross Superannuation Liabilities for the schemes for the year ended 31 December 2001.

The 2001 assessment of SASS, SANCS and SSS is based on the full requirements of AAS25. This requires that a "market determined risk adjusted discount rate" be applied as the valuation interest rate in the calculation of the value of accrued benefits. In order to satisfy the AAS25

requirements the assumptions of the NSW Government Actuary were as follows:

	2001/02	2002/03	2003/04	2004/05
	%	%	%	% pa
Rate of investment return	7.0	7.0	7.0	7.0
Rate of salary increase*	3.0	6.5	4.0	4.0
Rate of increase in CPI	2.5	2.5	2.5	2.5

* A promotional scale applies.

The University of New South Wales Professorial Superannuation Non-contributory Scheme.

The accumulated liability, based on a formula provided by the actuary,

at 31 December 2001, is \$25,278,000, and is fully funded. The assumptions were as follows:

UniSuper

The University also contributes to Unisuper (formerly Superannuation

	Year 1	Year 2	Year 3	Year 4	Year 5 onwards
Liabilities for current members until pensions commence.					
Investment earnings (Net of income tax)	8.0%	8.0%	8.0%	8.0%	8.0%
General salary inflation	5.0%	5.0%	5.0%	5.0%	5.0%
Liabilities for current members after pensions commence and for current pensioners					
Investment earnings (Net of income tax)	9.0%	9.0%	9.0%	9.0%	9.0%
Pension indexation	5.0%	5.0%	5.0%	5.0%	5.0%

for Australian Universities (SSAU) for academic staff appointed since 1 March 1988 and all other staff from July 1 1991. Towers Perrin completed the latest actuarial assessment as at 31 December 1999. The following figures only relate to members who are in the Defined benefit Plan as at 30 June 2001. Unisuper is not considered to be controlled by the University and therefore the excess of assets over accrued benefits has not been included in the University's accounts.

	Consolidated		University	
	2001	2000	2001	2000
	\$'000	\$'000	\$'000	\$'000
Net Market Value of UniSuper Assets	112,417	100,388	112,417	100,388
UniSuper Accrued Benefits	101,873	91,591	101,873	91,591
Excess of Assets over Accrued Benefits	10,544	8,797	10,544	8,797

Other Superannuation Schemes

The University and its controlled entities also contribute to the following superannuation schemes, which are fully funded.

- Commonwealth Superannuation Scheme

- University of New South Wales Special Purposes Superannuation Scheme (a Scheme restricted to short-term staff employed on special purpose funds).

Workers' Compensation

The University is a self-insurer for workers' compensation under Section 18(1A) of the *Workers' Compensation Act, 1926 (as amended)*.

Workers' compensation matters are managed through two funds, one to record the University's workers' compensation activities in the Australian Capital Territory (known as the ACT Fund) and one to record

the University's workers' compensation activities in New South Wales (known as the NSW Fund).

As a self-insurer the University sets a notional annual premium, which is charged on in-service salaries. From this notional premium, costs of workers' compensation claims, claims administration expenses and actuarially assessed increases/decreases in the provision for outstanding claims liability are met. The University contributes to the WorkCover Authorities for its general fund, dust and diseases fund, insurers guarantee fund, and disaster insurance premiums.

It is a requirement of the licence that the University maintain, in its book, a provision for each fund in respect of outstanding claims liability as at 31 December each year. The following table depicts the movements in the provision accounts during 2001.

	NSW Fund	ACT Fund	Total	Total
	2001	2001	2001	2000
	\$'000	\$'000	\$'000	\$'000
Notional Premium	2,158	220	2,378	1,572
Less: Payments made during the year in respect of claims arising:				
Prior to the commencement of the year	(2,051)	(228)	(2,279)	(1,117)
After the commencement of the year	(250)	(4)	(254)	(239)
Claims administration expenses	(327)	(30)	(357)	(410)
Contributions to WorkCover Authorities and excess loss policies	(295)	(5)	(300)	(350)
Transfer (to) from Provision for Workers' Compensation	765	47	812	544
Balance	-	-	-	-

1(k) Financial Instruments

Financial Instruments are defined as any contract that gives rise to both a financial asset of the University and a financial liability or equity instrument of another entity. For the University these include cash, receivables, accrued income, sundry advances, payments in advance, loans to members of staff, investment interest receivable, investments, sundry creditors, prepaid income, Commonwealth grants received in advance, employee entitlements and other liabilities.

In accordance with AAS33 "Presentation and Disclosure of Financial Instruments" information is disclosed in Note 27, in respect of the interest rate risk and credit risk of financial instruments. All such amounts are carried in the accounts at net fair value unless otherwise stated. The specific accounting policy for each class of financial instrument is stated hereunder.

Classes of instruments recorded at cost comprise:

- Cash
- Receivables
- Accrued income
- Sundry advances
- Payments in advance
- Interest receivable on financial assets
- Commonwealth financial assistance paid in advance
- Sundry creditors
- Prepaid income
- Other liabilities

Classes of instruments recorded at market value comprise:

- Government and semi government securities
- Listed shares
- Other securities
- Term deposits
- Liquids (Bank Bills, Floating Rate Notes, NCD's, etc)

Sundry debtors, trade creditors and payments in advance:

· Sundry debtors, carried at amount due, are generally settled within 30 days from date of invoice. A provision is raised for any doubtful debts based on a review of all outstanding amounts at balance date. Bad debts are written off in the period in which they are identified.

· Trade creditors, including accruals not yet billed, are recognised when the University becomes obliged to make future payments as a result of a purchase of goods or services. Trade creditors are generally settled within 30 days of date of receipt of invoice.

· Payments in advance are recognised when payments are made for goods and services to be delivered after the balance date.

Accrued and Prepaid Income:

· At year end, the University recognised over-expended and under-expended balances for all contractual agreements with external organisations (other than for Commonwealth Government grants) as accrued and prepaid income respectively.

Financial Assets

· The University has brought its financial assets to account at market value except unlisted shares, which are detailed at Note 9.

1(l) Goods and Services Tax

Revenues, expenses and assets are recognised net of the amount of goods and services tax (GST), except where the amount of GST incurred is not recoverable from the Australian Tax Office (ATO). In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense.

Receivables and payables are stated with the amount of GST included.

The net amount of GST recoverable from, or payable to, the ATO is included as a current asset or liability in the Statement of Financial Position.

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

1(m) Comparative Figures

As a result of a change in Accounting Standards effective from 1 January 2001, the 2000 comparative figures have been amended with the effect that the \$ 7,979,000 previously shown in abnormal items is now included in revenue from ordinary activities.

Variations to comparative figures may have also occurred due to rounding and the compliance with new DEST requirements. Where additional information has been provided due to the new DEST requirements, comparative figures may not be provided.

1(n) Remuneration of Executives

In accordance with DEST guidelines, "Executives" for the purposes of note 6 includes the Vice-Chancellor and any person in a senior line position reporting directly to the Vice-Chancellor.

UNIVERSITY OF NEW SOUTH WALES
Notes to the Financial Statements
for the year ended 31 December 2001

	Notes	Consolidated		University	
		2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
2 Revenue					
Commonwealth Government financial assistance	2.1	301,469	298,237	301,469	298,237
NSW Government financial assistance	2.2	3,946	3,286	3,946	3,286
HECS					
· Student Contributions	28.1	17,167	16,292	17,167	16,292
· Commonwealth Payments	28.1	54,698	46,399	54,698	46,399
Fees and charges	2.3	294,376	238,244	191,560	158,306
Investment Income	2.4	21,431	25,674	17,189	19,684
Royalties, trademarks & licenses	2.5	1,745	2,711	-	-
Consultancy and contract research	2.6	30,568	32,688	31,859	28,609
Other revenue	2.7	37,869	51,597	31,578	41,916
Total revenue before significant items		763,269	715,128	649,466	612,728
Significant items :					
Deferred government superannuation contributions	17	84,161	(57,834)	84,161	(57,834)
Total revenue from ordinary activities		847,430	657,294	733,627	554,894

		Consolidated		University	
		2001	2000	2001	2000
		\$'000	\$'000	\$'000	\$'000
2.1 Commonwealth Government Financial Assistance(excl. HECS)					
	Notes				
Teaching & Learning					
Operating purposes excluding HECS	28.1	181,223	181,056	181,223	181,056
Teaching hospitals	28.1	770	753	770	753
Australian Research Council					
Large research	28.2	12,089	10,661	12,089	10,661
Strategic partnerships with industry	28.2	5,728	5,124	5,728	5,124
Research fellowships	28.2	2,668	3,005	2,668	3,005
Research centres	28.2	1,282	4,044	1,282	4,044
Research infrastructure equipment & facilities	28.2	952	1,887	952	1,887
DEST					
Small research	28.3	2,598	3,112	2,598	3,112
Infrastructure block	28.3	9,151	9,096	9,151	9,096
Australian postgraduate awards	28.3	6,320	6,213	6,320	6,213
International postgraduate research scholarships	28.3	1,533	1,651	1,533	1,651
Other Commonwealth Government					
Department of Defence		36,489	35,828	36,489	35,828
Australian Taxation Office		2,987	1,376	2,987	1,376
Other Commonwealth Government - Research					
Attorney General		2	7	2	7
Defence		272	224	272	224
Employment and Training (i)		(2,074)	2,730	(2,074)	2,730
Environment, Sports and Territories		77	137	77	137
Foreign Affairs		881	757	881	757
Human Services and Health		22,783	17,990	22,783	17,990
Industrial Relations		15	10	15	10
Industry, Technology and Regional Development		4,394	435	4,394	435
Primary Industries and Energy		968	871	968	871
Social Security		273	1,149	273	1,149
Transport and Communications		147	129	147	129
Veteran Affairs		442	40	442	40
Other Commonwealth Government - Special Purpose					
Foreign Affairs		9,499	9,951	9,499	9,951
Total Commonwealth Financial Assistance		301,469	298,237	301,469	298,237

(i) Net of refunds and prior period adjustments amounting to \$2,750,000

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
2.2 NSW Government Financial Assistance				
Research financial assistance	3,946	3,222	3,946	3,222
Other financial assistance	-	64	-	64
Total NSW Government financial assistance	3,946	3,286	3,946	3,286

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
2.3 Fees and charges				
Continuing education	14,184	13,699	4,357	2,325
Fee-paying overseas students	121,253	100,967	90,229	75,508
Fee-paying non-overseas postgraduate students	35,420	32,621	16,195	15,646
Fee-paying non-overseas undergraduate students	4,256	1,238	4,256	1,238
Non-overseas students undertaking non-award courses	5,949	4,508	3,661	3,514
Other research financial assistance and contracts	-	423	-	-
Other consultancy fees	10,030	11,007	-	-
Rental charges	3,332	2,829	3,332	2,829
Charges for student accommodation	11,162	11,848	7,120	7,626
Registration fees	-	383	-	-
Library fines	348	185	348	185
Non-library fines	14	-	14	-
Late fees	68	111	68	97
Parking fees	1,178	741	1,178	741
Examination fees	116	19	116	19
Other services	14,142	12,768	11,794	10,940
Educational measurement & testing	20,768	6,725	10,638	6,702
International aid projects management	16,236	7,073	-	-
Photocopying	1,232	1,109	1,231	1,108
Publication sales	1,473	10,841	1,252	1,166
Miscellaneous sales	30,012	13,940	15,464	13,603
Cost recoveries (i)	3,203	5,211	20,307	15,060
Total Fees and Charges	294,376	238,244	191,560	158,306

(i) The University recovers costs paid on behalf of controlled entities, associated organisations, external entities and from other activities where income received is paid on behalf of another organisation.

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
2.4 Investment income				
Interest	9,247	11,773	6,993	8,755
Dividends	11,051	10,341	11,051	10,341
Gains / (losses) on sales	4,165	5,435	2,177	2,463
	24,463	27,549	20,221	21,559
Income attributable to CRC's, trusts and external organisations	(3,032)	(1,875)	(3,032)	(1,875)
Investment Income included in revenue from ordinary activities	21,431	25,674	17,189	19,684

2.5 Royalties, trademarks & licenses

Royalties
Licence fees
Patent cost reimbursements

<i>Consolidated</i>		<i>University</i>	
<i>2001</i>	<i>2000</i>	<i>2001</i>	<i>2000</i>
<i>\$'000</i>	<i>\$'000</i>	<i>\$'000</i>	<i>\$'000</i>
1,005	528	-	-
740	1,836	-	-
-	347	-	-
1,745	2,711	-	-

2.6 Consultancy and contract research

Commonwealth organisation & business enterprises
Local Government
Donations & bequests for research
Unisearch Ltd Group
The University of New South Wales Foundation Ltd.
Non-Commonwealth research financial assistance
Australian industry
Overseas organisations
Other organisations

<i>Consolidated</i>		<i>University</i>	
<i>2001</i>	<i>2000</i>	<i>2001</i>	<i>2000</i>
<i>\$'000</i>	<i>\$'000</i>	<i>\$'000</i>	<i>\$'000</i>
1,055	936	1,057	936
104	15	104	15
180	50	180	50
-	-	1,329	2,856
-	-	3,486	5,170
1,879	1,745	1,879	1,745
10,095	7,792	10,095	7,792
13,112	5,454	13,112	5,454
4,143	16,696	617	4,591
30,568	32,688	31,859	28,609

2.7 Other revenue

Net foreign exchange gain
Other (external) grant income
Miscellaneous income
Scholarships and prizes
Donation and bequests
Writeback land previously written down in 1996
Writeback works of art previously written down in 1996
Contribution from NIDA
Refund from ATO franking credit

<i>Consolidated</i>		<i>University</i>	
<i>2001</i>	<i>2000</i>	<i>2001</i>	<i>2000</i>
<i>\$'000</i>	<i>\$'000</i>	<i>\$'000</i>	<i>\$'000</i>
2	32	-	-
1,736	2,542	1,598	2,542
6,341	9,890	5,207	8,918
4,955	7,859	6,782	7,859
21,184	23,295	14,340	14,618
-	7,315	-	7,315
-	664	-	664
2,165	-	2,165	-
1,486	-	1,486	-
37,869	51,597	31,578	41,916

	Notes	Consolidated		University	
		2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
3 Expenses					
Employee benefits	3.1	401,050	368,218	361,620	339,522
Depreciation and amortisation	3.2	45,832	40,124	44,206	38,982
Buildings & grounds (repairs & maintenance)	3.3	18,065	14,958	17,902	14,767
Net losses from sale of property, plant & equipment	4	64	1,099	70	740
Bad & doubtful debts		(259)	7,749	(1,520)	7,729
Scholarships and awards		32,918	33,444	32,439	30,174
Consumables		59,902	53,013	49,830	47,297
Contract services (incl. consultants)		55,647	43,083	41,850	31,816
Travel, staff development & entertainment		24,071	18,723	21,543	15,951
Overheads - postage and telephones		10,347	9,919	8,725	7,978
Other	3.4	71,186	59,245	44,179	27,881
Total Expenses from Ordinary Activities		718,823	649,575	620,844	562,837
Significant items :					
Deferred employee benefits for superannuation	17	84,161	(57,834)	84,161	(57,834)
Total expenses from ordinary activities		802,984	591,741	705,005	505,003

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
3.1 Employee benefits				
Salaries				
· Academic (i)	149,761	141,475	141,088	134,569
· Non-academic (ii)	173,492	156,586	147,780	138,310
Superannuation Schemes				
· Emerging cost	15,637	12,929	16,175	12,929
· Funded	31,854	27,235	29,047	25,403
Payroll tax	22,612	20,412	20,939	19,151
Workers' compensation	2,680	1,811	2,334	1,550
Long service leave expense	5,051	7,408	4,754	7,276
Annual leave	(788)	(454)	(1,203)	(483)
Salary service charge	751	816	706	816
Total Employee Benefits	401,050	368,218	361,620	339,522

(i) Academic staff paid under the Academic Staff Enterprise Agreement and includes teaching staff, sessional teaching staff, guest lecturers, and academic research staff.

(ii) Non-academic staff paid under the University of New South Wales General Staff Enterprise Agreement and includes general and administrative staff, professional and technical staff, examination supervisors and casual general staff.

3.2 Depreciation and amortisation

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Buildings	15,945	15,314	15,543	15,058
Computer equipment	5,578	5,130	5,255	4,914
Motor vehicles	432	379	368	295
Computer software	6,507	6,631	6,507	6,631
Other equipment	8,069	7,801	7,398	7,322
Library holdings	9,301	4,869	9,135	4,762
	45,832	40,124	44,206	38,982

3.3 Buildings and grounds

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Maintenance service contracts	3,901	4,304	3,901	4,304
Maintenance buildings and grounds	7,380	4,918	7,373	4,918
Maintenance furniture machinery and equipment	3,642	2,345	3,504	2,345
Maintenance computer software	376	670	376	670
Maintenance - insurance	1,746	1,080	1,746	1,080
Maintenance - other	1,020	1,641	1,002	1,450
	18,065	14,958	17,902	14,767

3.4 Other expenses

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Administration costs	3,999	5,800	-	-
Advertising	4,640	3,473	3,399	2,112
Audit fee	305	275	184	177
Commission to agents	2,071	961	-	-
Cost of books sold	6,817	7,536	-	-
Development project costs - other aid	5,484	2,667	-	-
Development project subcontractors	-	3,038	-	-
Energy & utilities	5,464	4,480	5,335	4,341
Facilities hire and rental	4,247	3,455	4,088	3,079
Fees and charges	1,845	4,991	1,513	1,457
Fringe Benefits Tax (FBT)	1,342	1,384	1,200	1,252
Inventors & collaborators	3,083	2,087	-	-
Motor vehicle expenses	1,093	969	988	941
Net foreign exchange loss	42	-	-	-
Non-capitalised equipment	23,313	9,154	22,253	9,085
Operating lease rental expenses	2,744	4,704	2,744	3,963
Residential	1,208	1,052	-	-
Student accommodation overseas	2,805	2,274	-	-
Other	684	945	2,475	1,474
Total	71,186	59,245	44,179	27,881

4 Sales of Property, Plant & Equipment

Written down value of assets disposed
Profit/(loss) on disposal
Proceeds on disposal

Consolidated		University	
2001	2000	2001	2000
\$'000	\$'000	\$'000	\$'000
1,057	12,275	1,045	11,943
(64)	(1,099)	(70)	(740)
993	11,176	975	11,203

5 Income Tax

Australian Education Consultancy Limited
- Hong Kong

Consolidated		University	
2001	2000	2001	2000
\$'000	\$'000	\$'000	\$'000
(43)	(76)	-	-
(43)	(76)	-	-

6 Remuneration of Executives (i) earning \$100,000 or more

\$100,000 to \$109,999
\$110,000 to \$119,999
\$120,000 to \$129,999
\$130,000 to \$139,999
\$140,000 to \$149,999
\$150,000 to \$159,999
\$160,000 to \$169,999
\$170,000 to \$179,999
\$180,000 to \$189,999
\$190,000 to \$199,999
\$200,000 to \$209,999
\$210,000 to \$219,999
\$220,000 to \$229,999
\$240,000 to \$249,999
\$250,000 to \$259,999
\$260,000 to \$269,999
\$270,000 to \$279,999
\$280,000 to \$289,999
\$460,000 to \$469,999
\$490,000 to \$499,999

Consolidated		University	
2001	2000	2001	2000
Number of Executives	Number of Executives	Number of Executives	Number of Executives
2	2	-	-
1	-	-	-
5	-	-	-
2	2	1	2
5	4	4	2
3	1	1	1
1	4	1	2
2	1	1	1
1	3	1	3
3	2	3	2
1	-	1	-
-	1	-	1
1	1	-	1
1	1	1	-
-	1	-	1
1	-	1	-
1	-	1	-
-	1	-	1
1	-	1	-
32	24	18	17

2001	2000	2001	2000
\$'000	\$'000	\$'000	\$'000
5,674	4,361	3,744	3,316

Aggregate remuneration of Executives (i)

(i) See note 1(n) for definition of executive. In addition to the 18 university staff reporting directly to the Vice Chancellor that are defined as executives there are a further 486 academic staff earning in excess \$100,000 (with total earnings of \$62,282,000) and 72 general staff earning in excess of \$100,000 (with total earnings of \$9,174,000) who do not report directly to the Vice Chancellor.

7 Remuneration of Auditors

Auditing the financial report

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Auditing the financial report	305	275	184	177
	305	275	184	177

8 Receivables

Current

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Sundry debtors	42,056	41,373	29,660	27,272
Student debtors	13,910	13,191	13,910	13,191
Provision for doubtful debts (i)	(11,708)	(12,118)	(10,360)	(11,880)
Deferred income - Government contributions for superannuation	39,590	26,964	39,590	26,964
	83,848	69,410	72,800	55,547

Non-current

Deferred income - Government contributions for superannuation	203,285	131,750	203,285	131,750
Loans to members of staff (ii)	13	20	13	20
	203,298	131,770	203,298	131,770

(i) Provision for doubtful debts

(iii)

Opening balance	12,118	4,369	11,880	4,151
Write off	(151)	(96)	-	-
Contribution from operations	(259)	7,845	(1,520)	7,729
Closing balance	11,708	12,118	10,360	11,880

(ii) Loans were made to members of the University staff at the W.S. and L.B. Robinson University College at Broken Hill as a consequence of the closure of the College and relocation of the staff to Sydney. The terms of these loans, which were to assist in the purchase of accommodation in Sydney, were determined by the process of conciliation and arbitration in the State Industrial Commission. At 31 December 2001, the outstanding amount is \$ 13,000.

(iii) See also Note 1 (f)

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
9 Other financial assets				
Current				
Government & semi government securities	33,290	-	33,290	-
Other fixed interest securities	-	23,682	-	23,682
Term deposits	57,992	58,469	57,464	58,246
Liquids (bank bills, floating rate notes, NCD's, etc)	54,076	43,610	42,001	29,361
Total Current Assets	145,358	125,761	132,755	111,289
Non-current				
Term deposits	1,115	-	-	-
Unlisted companies (i)	7,752	8,230	17,677	17,655
Unlisted trusts				
- Domestic equities	84,760	82,038	84,153	82,038
- Domestic fixed interest	5,626	3,280	-	-
- International equities	28,307	27,517	26,833	27,517
- International fixed interest	51,981	51,645	51,981	51,645
International securities	-	2,215	-	-
Liquids (bank bills, floating rate notes, NCD's, etc)	6,592	-	6,572	-
Other	384	3,140	-	-
Total Non Current Assets	186,517	178,065	187,216	178,855
Total Investment Portfolio	331,875	303,826	319,971	290,144

The consolidated entity and the University have Financial assets in the following companies and ventures:

	Consolidated		University		
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	
(i) Unlisted:					
Pacific Solar Pty Ltd	6,837	6,837	6,837	6,837	Dec 2000 Market Value
Unisearch Ltd (subordinated loan)	-	-	10,000	10,000	At Cost
Planet Learning Pty Ltd	11	22	-	-	Valuation by the Directors of Unisearch Ltd.
IDP Education Australia Ltd	10	10	10	10	At Cost
Access Australia CMC Pty Ltd	457	457	457	457	At Cost
Infotelco Limited	326	327	100	100	At Cost
UNSW Press Ltd (loan)	-	-	250	250	At Cost
AARnet Pty Ltd	1	-	1	1	At Cost
Fucell Pty Ltd	-	126	-	-	Book Value
Grapevine Technologies Ltd	-	344	-	-	Book Value
NSG (Thailand) Limited	88	-	-	-	At Cost
B.Tech Avn Ltd	22	-	22	-	At Cost
Web Teach Pty Ltd	-	-	-	-	Intellectual Property
Other	-	107	-	-	At Cost
Total	7,752	8,230	17,677	17,655	

As a result of the revaluation of other financial assets a net increment of \$5,771,000 has been transferred to the University's investment revaluation reserve. (\$5,639,000 on consolidation - see note 15)

10 Other Assets

	Consolidated		University	
	2001	2000	2001	2000
	\$'000	\$'000	\$'000	\$'000
Current				
Sundry advances	2,183	1,705	1,370	1,116
Accrued income	19,350	15,469	16,419	13,345
Payments in advance	1,569	5,337	498	4,410
Investment interest receivable	490	147	113	113
	23,592	22,658	18,400	18,983
Non-current				
Patents (i)	3,172	2,679	-	-
Other	606	421	589	120
	3,778	3,100	589	120
(i) Patents (ii)				
Opening balance	2,679	1,863	-	-
Patent costs capitalised	799	1,015	-	-
Patents written off / down	(306)	(199)	-	-
Closing balance	3,172	2,679	-	-

(ii) Patents are amortised over their economic life, which averages 15 years.

11 Property, Plant And Equipment

	Consolidated		University	
	2001	2000	2001	2000
	\$'000	\$'000	\$'000	\$'000
Buildings				
At Cost	165,903	109,544	164,325	108,064
Valuations - 1996	191,209	492,557	191,209	492,557
Valuations - 1997	1,350	1,350	1,350	1,350
Valuations - 1998	-	4,500	-	4,500
Valuations - 2000	214,533	-	214,533	-
Valuations - 2001	107,451	-	107,451	-
Transfer to Student Accommodation and Residential Property	-	(7,171)	-	(7,171)
Accumulated Depreciation	(84,650)	(68,706)	(83,986)	(68,444)
	595,796	532,074	594,882	530,856
Buildings Work in Progress				
Construction Costs	1,181	49,044	1,181	49,044
Total Work-in-Progress	1,181	49,044	1,181	49,044
Student Accommodation & Residential Property				
Valuations - 2000	-	47,004	-	47,004
Valuations - 2001	84,539	-	84,539	-
Transfer from Land and Building	-	33,931	-	33,931
	84,539	80,935	84,539	80,935
Land				
Valuations - 2000	132,090	158,850	132,090	158,850
Transfers to Student Accommodation	-	(26,760)	-	(26,760)
	132,090	132,090	132,090	132,090
Computer Equipment				
At Cost	19,585	46,490	16,581	41,839
Valuations -Initial	2,337	2,349	2,337	2,349
Accumulated Depreciation	(13,953)	(39,678)	(11,571)	(35,616)
	7,969	9,161	7,347	8,572

11 Property, Plant And Equipment (continued)

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Computer Software-Network Applications				
At Cost	37,034	36,272	37,034	36,272
Accumulated Depreciation	(14,557)	(8,050)	(14,557)	(8,050)
	22,477	28,222	22,477	28,222
Motor Vehicles				
At Cost	6,634	6,289	6,036	5,675
Valuations -Initial	110	110	110	110
Accumulated Depreciation	(1,957)	(1,555)	(1,500)	(1,133)
	4,787	4,844	4,646	4,652
Other Equipment				
At Cost	60,385	87,924	53,238	81,049
Valuations -Initial	25,273	25,273	25,273	25,273
Accumulated Depreciation	(43,790)	(70,434)	(39,101)	(65,416)
	41,868	42,763	39,410	40,906
Works of Art				
At Cost	40	40	-	-
Valuations - 2000	2,881	2,885	2,881	2,885
	2,921	2,925	2,881	2,885
Library Holdings				
At Cost	53,882	62,186	52,824	61,247
Valuations - 1998	14,389	14,389	14,389	14,389
Accumulated Depreciation	(40,821)	(49,254)	(40,444)	(48,903)
	27,450	27,321	26,769	26,733
Total Property, Plant and Equipment				
At Cost	344,644	397,789	331,219	383,190
Valuations -Initial	27,720	27,732	27,720	27,732
Valuations - 1996	191,209	492,557	191,209	492,557
Valuations - 1997	1,350	1,350	1,350	1,350
Valuations - 1998	14,389	18,889	14,389	18,889
Valuations - 2000	349,504	208,739	349,504	208,739
Valuations - 2001	191,990	-	191,990	-
Accumulated Depreciation	(199,728)	(237,677)	(191,159)	(227,562)
	921,078	909,379	916,222	904,895

- (i) EGAN National Valuers and NSW State Valuation Office revalued University properties categorised under Student Accommodation & Residential Property as at 31 December 2001. The \$3,677,000 increment to the Student Accommodation & Residential Property was taken to the asset revaluation reserve in 2001.
- (ii) NSW State Valuation Office revalued University buildings as at 31 December 2000 and 31 December 2001. The \$16,137,000 increment to buildings was taken to the asset revaluation reserve in 2001

11a Movement in Assets, Summarised by Class

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Buildings				
Opening balance	532,074	555,146	530,856	554,578
Transfer from work-in-progress	63,594	4,939	63,594	4,939
Transfers to student accommodation	-	(7,171)	-	(7,171)
Adjustments	(162)	(4,898)	(162)	(4,899)
Purchases	98	905	-	-
Depreciation	(15,945)	(15,314)	(15,543)	(15,058)
Disposals	-	(1,533)	-	(1,533)
Adjustments due to revaluations (i)	16,137	-	16,137	-
Closing balance	595,796	532,074	594,882	530,856
Work in Progress				
Opening balance	49,044	14,971	49,044	14,971
Transfers to buildings	(63,594)	(4,939)	(63,594)	(4,939)
Additions	15,731	39,012	15,731	39,012
Closing balance	1,181	49,044	1,181	49,044
Student Accommodation & Residential Property				
Opening balance	80,935	40,453	80,935	40,453
Transfers from land & buildings	-	33,931	-	33,931
Transfers from financial assets	-	1,397	-	1,397
Adjustments	(73)	-	(73)	-
Adjustments due to revaluations (ii)	3,677	8,054	3,677	8,054
Disposals	-	(2,900)	-	(2,900)
Closing balance	84,539	80,935	84,539	80,935
Land				
Opening balance	132,090	134,792	132,090	134,792
Disposals	-	(2,777)	-	(2,777)
Adjustments due to revaluations	-	26,835	-	26,835
Transfers to student accommodation	-	(26,760)	-	(26,760)
Closing balance	132,090	132,090	132,090	132,090
Computer Equipment				
Opening balance	9,161	8,085	8,572	7,647
Adjustments	(554)	513	(622)	419
Purchases	4,940	6,283	4,652	5,863
Depreciation	(5,578)	(5,130)	(5,255)	(4,914)
Disposals	-	(590)	-	(443)
Closing balance	7,969	9,161	7,347	8,572
Computer Software-Network Applications				
Opening balance	28,222	28,077	28,222	28,077
Purchases	762	6,776	762	6,776
Depreciation	(6,507)	(6,631)	(6,507)	(6,631)
Disposals	-	-	-	-
Closing balance	22,477	28,222	22,477	28,222
Motor Vehicles				
Opening balance	4,844	5,178	4,652	4,898
Adjustments	(15)	291	(14)	296
Purchases	1,447	1,987	1,421	1,986
Depreciation	(432)	(379)	(368)	(295)
Disposals	(1,057)	(2,233)	(1,045)	(2,233)
Closing balance	4,787	4,844	4,646	4,652
Other Equipment				
Opening balance	42,763	42,533	40,906	40,924
Adjustments	(1,226)	2,498	(1,749)	2,421
Purchases	8,399	7,775	7,651	6,940
Depreciation	(8,068)	(7,801)	(7,398)	(7,322)
Disposals	-	(2,242)	-	(2,057)
Closing balance	41,868	42,763	39,410	40,906

11a Movement in Assets, Summarised by Class (continued)

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Works of Art				
Opening balance	2,925	1,754	2,885	1,721
Adjustments	(4)	98	(4)	96
Purchases	-	279	-	274
Disposals	-	-	-	-
Adjustments due to revaluation	-	794	-	794
Closing balance	2,921	2,925	2,881	2,885
Library Holdings				
Opening balance	27,321	22,559	26,733	22,194
Adjustments	(1,340)	1	(1,341)	-
Purchases	10,771	9,630	10,512	9,301
Depreciation	(9,302)	(4,869)	(9,135)	(4,762)
Disposals	-	-	-	-
Adjustments due to revaluations	-	-	-	-
Closing balance	27,450	27,321	26,769	26,733
Total Property, Plant and Equipment				
Opening balance	909,379	853,547	904,895	850,255
Adjustments	(3,374)	(1,497)	(3,965)	(1,667)
Purchases	42,148	72,648	40,729	70,152
Transfer from Financial assets	-	1,397	-	1,397
Depreciation	(45,832)	(40,124)	(44,206)	(38,982)
Disposals	(1,057)	(12,275)	(1,045)	(11,943)
Adjustments due to revaluations (i) (ii)	19,814	35,683	19,814	35,683
Closing balance	921,078	909,379	916,222	904,895

- (i) EGAN National Valuers and NSW State Valuation Office revalued University properties categorised under Student Accommodation & Residential Property as at 31 December 2001.

The \$3,677,000 increment to the Student Accommodation & Residential Property was taken to the asset revaluation reserve in 2001.

- (ii) NSW State Valuation Office revalued University buildings as at 31 December 2000 and 31 December 2001. The \$16,137,000 increment to buildings was taken to the asset revaluation reserve in 2001.

12 Accounts Payable - Current

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Sundry creditors	19,218	20,951	13,252	12,680
Accrued expenses other	6,693	12,570	3,030	10,570
Accrued expenses payroll	10,298	9,581	10,226	9,564
Closing balance	36,209	43,102	26,508	32,814

13 Provisions

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Current				
Provision for annual leave	21,657	22,489	20,456	21,654
Provision for staff superannuation	39,590	26,964	39,590	26,964
Provision for long service leave	9,848	9,240	9,418	8,791
Provision for workers' compensation	2,533	2,117	2,533	2,117
Provision for taxation	40	44	-	-
	73,668	60,854	71,997	59,526
Non-current				
Provision for staff superannuation	235,319	160,268	235,319	160,268
Provision for long service leave	44,579	49,474	43,959	49,213
Provision for workers' compensation	2,082	3,309	2,082	3,309
	281,980	213,051	281,360	212,790
	355,648	273,905	353,357	272,316

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Provision for annual leave				
Opening balance of provision	22,489	23,039	21,654	22,214
Add contributions from:				
Operations	10,299	9,612	9,892	9,533
Less payments during year	(11,131)	(10,162)	(11,090)	(10,093)
Closing balance of provision	21,657	22,489	20,456	21,654

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Provision for long service leave				
Opening balance of provision	58,714	58,181	58,004	57,453
Contributions from operations	2,097	7,766	1,789	7,616
Payments during Year	(9,386)	(8,959)	(9,418)	(8,791)
Deferred income from Commonwealth Government (to University College ADFA)	3,002	1,726	3,002	1,726
Closing balance of provision	54,427	58,714	53,377	58,004

	<i>University Only</i>			
	<i>NSW Fund</i> <i>2001</i> <i>\$'000</i>	<i>ACT Fund</i> <i>2001</i> <i>\$'000</i>	<i>Fund Total</i> <i>2001</i> <i>\$'000</i>	<i>Fund Total</i> <i>2000</i> <i>\$'000</i>
Provision for Workers Compensation				
Opening balance of provision	4,700	726	5,426	5,970
Plus : contributions from operations	2,159	220	2,379	1,572
Less : Payments	(2,301)	(232)	(2,533)	(1,356)
Operating expenses	(622)	(35)	(657)	(760)
Closing balance of provision	3,936	679	4,615	5,426

13 Provisions (continued)

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Provision for Taxation				
Opening balance of provision	44	20	-	-
Add contributions from:				
operations	43	76	-	-
Less (payments) / refunds during year	(47)	(52)	-	-
Closing balance of provision	40	44	-	-

	Consolidated		University	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Provision for Staff Superannuation				
Opening balance of provision	187,232	246,271	187,232	246,271
Add contributions from:				
Operations	20,317	17,449	20,317	17,449
Less payments during year	(16,801)	(18,654)	(16,801)	(18,654)
	190,748	245,066	190,748	245,066
Plus Deferred Income - Government contributions for superannuation	84,161	(57,834)	84,161	(57,834)
Closing balance of provision	274,909	187,232	274,909	187,232

		Consolidated		University	
	Notes	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
14	Other Liabilities				
	Current				
	Income in advance	40,768	34,925	31,679	25,478
	Unspent financial assistance likely to be recovered by Commonwealth	28.4 -	-	-	-
	Other (i)	23,687	28,927	47,197	37,555
		64,455	63,852	78,876	63,034
	Non-current				
	Other (i)	-	-	3,540	3,540
		-	-	3,540	3,540
	(i) Other Liabilities				
	Trusts (ii)	6,295	6,825	6,295	6,825
	UNSW Foundation Ltd	-	-	25,173	13,711
	Unisearch prepaid rent	-	-	3,540	3,667
	Other	17,392	22,102	15,729	16,892
		23,687	28,927	50,737	41,095
	(ii) Trusts				
	Opening balance	6,825	7,072	6,825	7,072
	Investment income	527	857	527	857
	Other income	10	-	10	-
	Expenditure	(1,067)	(1,104)	(1,067)	(1,104)
	Liability as at 31 December	6,295	6,825	6,295	6,825

15 Reserves

(a) Reserves Comprise

	Consolidated		University	
	2001	2000	2001	2000
	\$'000	\$'000	\$'000	\$'000
Asset revaluation reserve	224,236	204,422	211,637	191,823
Investment revaluation reserve	13,030	7,439	13,932	8,161
General reserve	950	950	-	-
Other reserves	141	147	-	-
Total reserves	238,357	212,958	225,569	199,984

(b) Movements in Reserves

Asset Revaluation Reserve

Opening balance	204,422	176,726	191,823	164,127
Revaluation of student accommodation & residential property 2001	3,677	8,054	3,677	8,054
Revaluation of buildings 2000 & 2001	16,137	-	16,137	-
Revaluation of art works	-	130	-	130
Transfer from investment revaluation reserve	-	3,153	-	3,153
Tsfr from/(to) operations - sale of Cowper Street	-	(2,900)	-	(2,900)
Revaluation of land	-	19,259	-	19,259
Closing balance	224,236	204,422	211,637	191,823

Investment Revaluation Reserve

Opening balance	7,439	17,654	8,161	16,318
Transfer to asset revaluation reserve	-	(3,153)	-	(3,153)
Surplus/(Loss) on revaluation of financial assets	5,639	(7,062)	5,771	(5,004)
Tsfr from/(to) operations	(48)	-	-	-
Closing balance	13,030	7,439	13,932	8,161

General Reserves

Opening balance	950	950	-	-
Closing balance	950	950	-	-

Other Reserves

Opening balance	147	147	-	-
Tsfr from/(to) operations	(6)	-	-	-
Closing balance	141	147	-	-

	<i>Consolidated</i>		<i>University</i>	
	<i>2001 \$'000</i>	<i>2000 \$'000</i>	<i>2001 \$'000</i>	<i>2000 \$'000</i>
16 Commitments For Expenditure				
Capital Expenditure Commitments				
Building Works				
a) Within 12 months	3,338	9,101	3,258	8,911
Plant and equipment				
a) Within 12 months	2,672	750	2,466	750
	6,010	9,851	5,724	9,661

17 Superannuation Plans (University Only)

University of New South Wales Summary of 2001 Increase (Decrease) in the Superannuation (Asset)/Liability

	<i>NSW State Super- annuation Fund \$'000</i>	<i>State Authorities State Authorities Super- annuation Scheme \$'000</i>	<i>Professional Non- Contributory Super- annuation Scheme \$'000</i>	<i>Super- annuation Non- Contributory Scheme \$'000</i>	<i>2001 Total \$'000</i>	<i>2000 Total \$'000</i>
Opening balance of provision	165,393	(4,120)	1,694	24,265	187,232	246,271
Contributions from operations	9,677	3,177	4,145	3,318	20,317	17,449
Payments during the year	(9,677)	(3,177)	(1,642)	(2,305)	(16,801)	(18,654)
	165,393	(4,120)	4,197	25,278	190,748	245,066
Deferred income due from Commonwealth/ State Governments	82,146	2,015	-	-	84,161	(57,834)
Closing balance of provision (i)	247,539	(2,105)	4,197	25,278	274,909	187,232
(i) Current Liabilities	27,741	-	-	11,849	39,590	26,964
Non-Current Liabilities	219,798	(2,105)	4,197	13,429	235,319	160,268
	247,539	(2,105)	4,197	25,278	274,909	187,232

18 Contingent Liabilities

- (i) As at 31 December 2001, outstanding Staff Housing Scheme Loan Guarantees provided by the University pursuant to an agreement with the Commonwealth Bank of Australia total \$253,038 (\$394,999 in 2000).
- (ii) AGSM has a bank guarantee with ANZ Banking Group in favour of Harina Company Limited for lease premises situated in the Sydney CBD \$ 694,000
- (iii) Claims against the Consolidated Entity and the University in the normal course of activities. Based on advice received, these claims are not expected to have a material effect.

19 Lease Commitments

Within one year

	Consolidated		University	
	2001	2000	2001	2000
	\$'000	\$'000	\$'000	\$'000
Within one year	2,319	1,801	1,099	1,463
Later than one year, not later than five years	5,649	1,957	986	1,957
Later than five years	-	-	-	-
	7,968	3,758	2,085	3,420

Later than one year, not later than five years

Later than five years

20 Economic Dependency

University College, Australian Defence Force Academy

Under an agreement with the University, the Commonwealth provides and maintains free of charge buildings, grounds and other facilities used at the Australian Defence Force academy to accommodate the teaching, research and associated administrative activities of the College. The value of these services cannot be determined.

21 Controlled Entities

Name of Entity	Country of Incorporation	Ownership Interest	
		2001 %	2000 %
Parent Entity - University of New South Wales	N/A		
Controlled Entities			
AGSM Ltd.	Australia	67.00%	67.00%
AGSM Consulting Ltd.	Australia	100.00%	100.00%
University of New South Wales International House Ltd	Australia	100.00%	100.00%
University of New South Wales Press Ltd	Australia	100.00%	100.00%
Unisearch Ltd Group	Australia	100.00%	100.00%
- Unisearch (Hong Kong) Ltd			
- Qucom Pty Ltd			
NewSouth Enterprises Pty Ltd Group	Australia	100.00%	100.00%
- NewSouth Global Pty Ltd			
- UNSW (Singapore) Pte Ltd			
- UNSW (Hong Kong) Ltd			
The University of New South Wales Foundation Ltd as Trustee for the University of New South Wales Foundation	Australia	100.00%	100.00%
Australian Education Consultancy Ltd.	Hong Kong	100.00%	100.00%
Biosignal Pty Ltd(i)	Australia	66.67%	66.67%
Acyte Biotech(i)	Australia	66.67%	66.67%

- (i) Ownership Split:
 33.33% University of New South Wales
 33.33% Unisearch Ltd Group
 33.33% Original Investors

The University of New South Wales controls a number of entities, which support the aims, and objectives of the University. Each of the controlled entities produce financial accounts relative to their operation and are subject to audit.

Consolidated

22 Outside Equity Interests

Interest in accumulated funds at the beginning of financial period
 Interest in net operating result
 Interest in accumulated funds at the end of financial period

2001 \$'000	2000 \$'000
5,055	4,027
(269)	1,028
4,786	5,055

23 Associated Entities (consolidated)

Name of Entity	Principal Activity	Ownership Interest		Carrying Amount	
		2001 %	2000 %	2001 \$'000	2000 \$'000
FuCell Pty Ltd	Research & Development of cell fusion	8	9	-	126
grapeVINE Technologies Ltd	Development & Marketing of groupware	15	19	-	344
Pinnacle VRB Limited	Development of Vanadium battery technologies	5	7	-	-
Planet Learning Pty Ltd	Multimedia Education	35	36	11	22
		-	-	11	492

24 Segment Information (Consolidated)

Industry	Revenue		Results(i)		Assets	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Higher Education	818,692	629,364	43,831	64,711	1,592,755	1,448,668
Consultancy - Unisearch Ltd. Group	16,537	18,255	716	700	23,676	22,572
Publishing - UNSW Press Ltd.	12,201	9,675	(144)	66	3,427	3,363
Total	847,430	657,294	44,403	65,477	1,619,858	1,474,603

Geographical	Revenue		Results(i)		Assets	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Australia	845,962	656,184	44,167	65,434	1,618,530	1,473,602
Asia	1,468	1,110	236	43	1,328	1,001
Total	847,430	657,294	44,403	65,477	1,619,858	1,474,603

(i) Net Operating Results before outside equity interests.

25. Subsequent Event

Medical Malpractice Insurance Renewal 2002

Up to 31 December 2001 UNSW was covered for medical malpractice insurance as part of its Professional Indemnity Insurance.

From 1 January 2002 UNSW's Professional Indemnity Insurance does not cover claims for medical malpractice applying to:

- Clinical academics whilst working in the NSW health system or whilst performing teaching or research activities involving patient treatment;
- Clinical trials involving research workers;
- The Director of the University Health Service.

Negotiations are under way to secure appropriate protection, either in the form of insurance, or indemnities from the State and/or Commonwealth Governments. Interim arrangements have been made with NSW Health Department regarding clinical academics (whilst performing clinical and administrative functions in the New South Wales health system only) through the provision of an indemnity, which extends to the 30 June 2002.

Insurance cover has been purchased for sponsored and non sponsored clinical trials (the cover includes medical activities of students involving humans for which Ethics Committee approval is required.)

Medical malpractice insurance cover up to \$250,000 has been obtained, which includes cover for the Director of the University Health Service.

26 Notes to the Statement of Cash Flows

	<i>Consolidated</i>			<i>University</i>		
	<i>End of Reporting Period \$'000</i>	<i>Beginning of Reporting Period \$'000</i>	<i>Movement \$'000</i>	<i>End of Reporting Period \$'000</i>	<i>Beginning of Reporting Period \$'000</i>	<i>Movement \$'000</i>
a) Cash at beginning and end of Reporting Period						
Cash	49,967	32,121	17,846	30,100	15,072	15,028
Short term deposits	145,358	125,761	19,597	132,755	111,289	21,466
	195,325	157,882	37,443	162,855	126,361	36,494

b) Net cash provided or used by Operating Activities

Net Cash provided or used by Operating Activities is reconciled to Operating Results as follows:

	<i>Consolidated</i>		<i>University</i>	
	<i>2001 \$'000</i>	<i>2000 \$'000</i>	<i>2001 \$'000</i>	<i>2000 \$'000</i>
Operating result after tax	44,403	65,477	28,622	49,891
Depreciation	45,832	40,124	44,206	38,982
Provision for doubtful debts	(259)	7,845	(1,520)	7,729
Loss on disposal of property, plant & equipment	64	1,099	70	740
Abnormal items	-	(7,979)	-	(7,979)
Transfers from reserves	-	2,900	-	2,900
Unrealised investment income	-	10,215	-	8,157
Adjustment to other reserves	6	418	-	(130)
Adjustment to property, plant & equipment	-	(28,114)	-	(27,566)
Changes in Assets and Liabilities:				
(Increase)/decrease in receivables	(1,812)	(15,842)	(4,627)	(4,675)
(Increase)/decrease in accrued interest receivables	(343)	(11)	-	(71)
(Increase)/decrease in accrued income	(3,881)	3,848	(3,075)	4,847
(Increase)/decrease in inventories	(84)	(22)	65	(343)
(Increase)/decrease in sundry advances	(479)	211	(254)	(2,073)
(Increase)/decrease in payments in advance	3,768	(1,325)	3,912	(1,394)
(Increase)/decrease in deferred superannuation	(84,161)	57,835	(84,161)	57,815
Contribution by government				
(Increase)/decrease in other assets	(678)	(1,209)	(469)	(69)
(Increase)/decrease in loans to members of staff	7	-	7	-
Increase/(decrease) in sundry creditors and accrued expenses	(6,893)	6,683	(6,306)	2,507
Increase/(decrease) in prepaid income	5,843	4,653	6,202	(3,702)
Increase/(decrease) in other liabilities	(5,285)	1,770	9,641	12,671
Increase/(decrease) in provisions	81,787	(59,601)	81,040	(59,592)
Net Cash Provided by Operating Activities	78,836	88,975	73,353	78,645

(i) Previous years result is after excluding outside equity interest.

27 Financial Instruments

Consolidated

The following table details the economic entity's exposure to interest rate risk as at the 31 December 2001:

	Average Interest Rate %	Variable Interest Rate \$'000	Fixed Interest Rate Maturity			Non- Interest Bearing \$'000	Total
			Less than 1 Year \$'000	1 to 5 Years \$'000	More than 5 Years \$'000		
2001							
Financial Assets							
Cash	4.81	49,967					49,967
Receivables						44,258	44,258
Accrued income						19,350	19,350
Sundry advances						3,752	3,752
Investment interest receivable	4.09		490				490
Unlisted shares						7,752	7,752
Unit trusts	11.37			170,674			170,674
Other securities	8.78		33,290	384			33,674
Term deposits	8.78		57,992	1,115			59,107
Liquids	8.78		54,076	6,592			60,668
Total financial assets		49,967	145,848	178,765	-	75,112	449,692
Financial Liabilities							
Sundry creditors						36,209	36,209
Employee entitlements						80,739	80,739
Other						23,687	23,687
Total financial liabilities						140,856	140,856
Net financial assets (liabilities)		49,967	145,848	178,765	-	(65,523)	309,058

The following table details the economic entity's exposure to interest rate risk as at the 31 December 2000:

	Average Interest Rate %	Variable Interest Rate \$'000	Fixed Interest Rate Maturity			Non- Interest Bearing \$'000	Total
			Less than 1 Year \$'000	1 to 5 Years \$'000	More than 5 Years \$'000		
2000							
Financial Assets							
Cash	5.54	32,121					32,121
Receivables						42,446	42,446
Accrued income						15,469	15,469
Sundry advances						7,042	7,042
Investment interest receivable	4.95					147	147
Unlisted shares	12.79					8,230	8,230
Unit trusts	12.79			164,480			164,480
Other securities	7.92		23,682	5,356			29,038
Term deposits	8.83		58,469				58,469
Liquids	8.83		43,610				43,610
Total financial assets		32,121	125,761	169,836	-	73,334	401,052
Financial Liabilities							
Sundry creditors						43,102	43,102
Employee entitlements						86,629	86,629
Other						28,927	28,927
Total financial liabilities						158,658	158,658
Net financial assets (liabilities)		32,121	125,761	169,836	-	(85,324)	242,394

28 Acquittal of Commonwealth Government Financial Assistance (University Only)

28.1 Teaching and Learning

	Operating financial assistance, excluding HECS		HECS		Teaching Hospitals	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Financial assistance in advance (paid in previous reporting period for current reporting period)	14,099	14,302	4,366	3,765	61	60
<i>Plus</i> financial assistance received during reporting period	181,223	181,056	54,698	46,399	770	753
<i>Plus</i> contributions actually received from students	-	-	17,167	16,292	-	-
<i>Less</i> financial assistance in advance (received in the reporting period for the next reporting period)	(14,496)	(14,099)	(4,639)	(4,366)	(63)	(61)
Accrual adjustments						
Prior year adjustment	(1,102)	(3,429)	2	-	-	-
Future adjustment from trust fund	(68)	-	-	-	(16)	0
Revenue attributed to reporting period	179,656	177,830	71,594	62,090	752	752
<i>Plus</i> surplus/deficit prior year	-	-	-	-	-	-
Funds available for reporting period	179,656	177,830	71,594	62,090	752	752
<i>Less</i> expenses for current period	179,656	177,830	71,594	62,090	752	752
Surplus/deficit for reporting period	-	-	-	-	-	-

28.2 Acquittal of Commonwealth Government Financial Assistance (Cont'd) (University Only)

Amounts received and expended pursuant to the *Higher Education Funding Act 1988*, excluding HECS:

AUSTRALIAN RESEARCH COUNCIL

	Large research		Strategic Partnerships with Industry		Research Fellowships		International Researcher Exchange		Research Centres		Research Infrastructure Equipment & Facilities	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Financial assistance in advance (paid during previous reporting period)	-	618	-	260	-	141	-	-	-	25	-	-
<i>Plus financial assistance received during reporting period</i>	12,089	10,661	5,728	5,124	2,668	3,005	-	-	1,282	4,044	952	1,887
<i>Less financial assistance in advance (received in reporting period for next reporting period)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Accrual adjustments	22	(69)	-	(129)	(26)	(115)	-	-	490	-	-	-
Revenue attributed to the reporting period	12,111	11,210	5,728	5,255	2,642	3,031	-	-	1,772	4,069	952	1,887
<i>Plus surplus/deficit prior year</i>	4,600	3,968	984	257	1,496	392	159	159	1,759	450	531	330
Funds available for current period	16,711	15,178	6,712	5,512	4,138	3,423	159	159	3,531	4,519	1,483	2,217
<i>Less expenses for current period</i>	11,683	10,578	5,654	4,528	2,740	1,927	-	-	3,360	2,760	1,029	1,686
Surplus/deficit for current period	5028	4600	1,058	984	1,398	1,496	159	159	171	1,759	454	531

28.3 Acquittal of Commonwealth Government Financial Assistance (Cont'd) (University Only)

Amounts received and expended pursuant to the *Higher Education Funding Act 1988*, excluding HECS:

DEST RESEARCH FINANCIAL ASSISTANCE	UNIVERSITY ONLY							
	Small Research		Infrastructure		Australian Postgraduate Awards		International Postgraduate Research Scholarships	
	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000	2001 \$'000	2000 \$'000
Financial assistance in advance (paid during previous reporting period)	226	-	712	-	-	-	-	-
<i>Plus financial assistance received during reporting period</i>	2,598	3,112	9,151	9,096	6,320	6,213	1,533	1,651
<i>Less financial assistance in advance (received in reporting period for next reporting period)</i>	-	(226)	(961)	(712)	-	-	-	-
Accrual adjustments	-	-	-	-	-	-	-	-
Revenue attributed to the reporting period	2,824	2,886	8,902	8,384	6,320	6,213	1,533	1,651
<i>Plus surplus/deficit prior year</i>	1,468	1,196	1,907	1,106	2,413	2,627	-	-
Funds available for current period	4,292	4,082	10,809	9,490	8,733	8,840	1,533	1,651
<i>Less expenses for current period</i>	(1,223)	(2,614)	(9,361)	(7,583)	(6,208)	(6,427)	(1,533)	(1,651)
Funds available for current period	3,069	1,468	1,448	1,907	2,525	2,413	-	-

28.4 Summary of Unspent Financial Assistance

Category of Financial Assistance	Amount of unspent Financial Assistance as at 31 December 2001	Amount of unspent Financial Assistance that it is more likely will be approved by the Commonwealth for carry forward	Amount of unspent Financial Assistance that it is more likely will be recovered by the Commonwealth
	2001 \$'000	2001 \$'000	2001 \$'000
Operating, excluding HECS	-	-	-
HECS	-	-	-
Teaching hospitals	-	-	-
Large research	5,028	5,028	-
Strategic partnerships with industry	1,058	1,058	-
Research fellowships	1,398	1,398	-
International researcher exchange	159	159	-
Research centres	171	171	-
Research infrastructure equipment & facilities	454	454	-
Indigenous research initiatives	-	-	-
Development	-	-	-
Special research initiatives	-	-	-
Learned academics special projects	-	-	-
Small research	3,069	3,069	-
Infrastructure	1,448	1,448	-
Australian postgraduate awards	2,525	2,525	-
International postgraduate research	-	-	-
Scholarships	-	-	-
	15,310	15,310	-

29.1 Expenses by Function - Definition of Activities

DEST issues Guidelines For The Preparation of Annual Financial Reports for the 2001 Reporting Period by Australian Higher Education Institutions. These guidelines relate to the format of financial report and the accompanying notes. The University has complied with the guidelines in all years departing only to provide greater disclosure.

The activities, as identified, on the Statement of Financial Performance are defined as follows:

academic activities - activity undertaken within organisational units (departments, faculties, schools, etc.) of the University which have as their primary objective the undertaking of teaching only, teaching and research or research only activities; **includes** academic staff and academic support staff.

libraries - centralised libraries including branch libraries under the control of the central library;

other academic support services - activity undertaken within an organisational unit of the University which provides direct support for the University's academic activity; **includes** activities undertaken in units other than libraries, such as computing centres, educational research and development centres, external studies centres (excluding academic activities), audio-visual and media centres and other centralised operations (such as animal houses, language laboratories, photographic centres) providing support to more than one unit engaged in academic activities;

student services - activity undertaken in an organisational unit of the University which has a primary function of supporting the welfare of students; health services, counselling services, accommodation services, employment services, grants/ scholarships/ assistance services;

public services - activity undertaken within organisational units of the University related to the academic functioning of the University but primarily of benefit to individuals or groups external to the University; **includes** continuing education; public broadcasting services; public lectures;

buildings and grounds - activity relating to the planning, design, repair and maintenance of the plant, equipment and buildings of the University and the maintenance of its grounds;

administration and general institutional services - activity undertaken within organisational units of the University providing centralised services relating to the administration of the University as a whole or to the planning, development and maintenance of the structure and functioning of the University, or to the functioning of the University as a corporate entity but excludes administrative sub-units of other organisational units; **includes** activities such as: student administration; staff administration; processes associated with staff advertising, interview and appointment; financial administration; planning; institution statistics; administrative computing; central registry; central printeries and stores; safety; information services; institution secretariat; central telecommunication services; ceremonies, prizes and awards; elections, operation of councils and convocations; corporate entertainment and hospitality; museums and displays for general use; legal services; conduct of examinations; cleaning and security;

other - comprises expenses not assigned above and includes contributions to provisions, payments on behalf of controlled and associated entities and external organisations.

29.2 EXPENSES BY FUNCTION

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Academic activities				
Academic staff salaries	139,865	135,869	131,463	129,121
Academic staff salary related expenses	33,776	32,107	32,605	31,396
Non-academic staff salaries	85,111	76,264	76,814	73,193
Non-academic staff salary related expenses	17,844	17,076	17,532	16,786
Depreciation expense				
Buildings	10,074	9,907	10,074	9,651
Computer equipment	3,427	3,858	3,427	3,678
Motor vehicles	193	191	193	146
Other equipment	6,576	5,898	6,576	6,486
Library holdings	749	389	749	282
Other expenses				
Scholarships and awards	19,698	17,412	19,327	17,052
Travel	19,692	14,564	18,835	13,622
Repairs and maintenance	3,738	3,533	3,331	3,533
Consumables	31,938	26,951	29,015	26,682
Other	61,855	55,780	58,169	49,233
Total	434,536	399,799	408,110	380,861
Libraries				
Non-academic staff salaries	10,035	9,105	9,372	8,386
Non-academic staff salary related expenses	1,679	2,479	1,504	2,312
Depreciation expense				
Buildings	1,051	1,039	1,051	1,039
Computer equipment	54	59	54	59
Motor vehicles	1	2	1	2
Other equipment	43	171	43	64
Library holdings	8,551	4,479	8,386	4,479
Other expenses				
Scholarships and awards	10	1	10	1
Travel	92	107	84	89
Repairs and maintenance	111	79	101	79
Consumables	596	1,088	368	1,024
Other	3,661	2,028	3,555	1,963
Total	25,884	20,637	24,529	19,497
Other academic support services				
Academic staff salaries	2,097	1,221	2,097	1,221
Academic staff salary related expenses	526	333	526	333
Non-academic staff salaries	16,830	14,071	15,762	13,248
Non-academic staff salary related expenses	4,177	3,944	3,879	3,714
Depreciation expense				
Buildings	373	369	373	369
Computer equipment	634	313	461	313
Motor vehicles	4	4	4	4
Other equipment	137	265	137	87
Library holdings	1	1	1	1
Other expenses				
Scholarships and Awards	5,698	5,326	5,698	5,326
Travel	1,261	1,054	1,255	1,042
Repairs and maintenance	2,803	2,375	2,509	2,375
Consumables	2,342	1,087	1,885	702
Other	2,966	5,159	2,594	4,516
Total	39,849	35,522	37,181	33,251

29.2 EXPENSES BY FUNCTION (continued)

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Student services				
Academic staff salaries	127	154	127	107
Academic staff salary related expenses	38	27	29	27
Non-academic staff salaries	2,048	2,357	1,231	1,127
Non-academic staff salary related expenses	393	339	285	276
Depreciation expense				
Buildings	2,158	2,133	2,158	2,133
Computer equipment	52	40	48	35
Motor vehicles	5	5	-	-
Other equipment	275	278	188	152
Other expenses				
Scholarships and awards	7,404	7,812	7,404	7,774
Travel	2	23	6	11
Repairs and maintenance	139	164	1	27
Consumables	2,285	2,707	1,991	2,395
Other	2,171	774	2,071	229
Total	17,097	16,813	15,539	14,293
Public services				
Academic staff salaries	284	202	13	46
Academic staff salary related expenses	2,194	1,057	2	10
Non-academic staff salaries	5,987	9,693	4,306	4,070
Non-academic staff salary related expenses	956	1,849	647	864
Depreciation expense				
Buildings	273	270	273	270
Computer equipment	3	4	3	4
Motor vehicles	3	3	3	3
Other equipment	179	90	20	26
Other expenses				
Scholarships and awards	55	1	-	1
Travel	617	821	49	127
Repairs and maintenance	694	22	0	22
Consumables	1,713	4,404	43	2,245
Other	2,392	18,473	1,725	432
Total	15,350	36,889	7,084	8,120
Buildings and grounds				
Academic staff salaries	40	28	40	28
Academic staff salary related expenses	6	8	6	8
Non-academic staff salaries	10,615	9,268	10,615	9,268
Non-academic staff salary related expenses	1,641	2,500	1,641	2,500
Depreciation expense				
Buildings	49	48	49	48
Computer equipment	42	54	42	54
Motor vehicles	135	110	135	110
Other equipment	189	247	189	247
Other expenses				
Scholarships and awards	-	1	-	1
Travel	98	45	98	45
Repairs and maintenance	4,792	3,731	7,256	3,731
Consumables	735	213	735	213
Other	5,200	7,492	5,200	7,492
Total	23,542	23,745	26,006	23,745

29.2 EXPENSES BY FUNCTION (continued)

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Administration and other general institutional services				
Academic staff salaries	4,360	1,186	4,359	1,231
Academic staff salary related expenses	1,706	906	1,645	841
Non-academic staff salaries	26,228	24,466	23,624	22,980
Non-academic staff salary related expenses	11,278	5,865	10,958	6,103
Depreciation expense				
Buildings	1,170	759	768	759
Computer equipment	7,727	7,402	7,727	7,402
Motor vehicles	59	30	32	30
Other equipment	384	717	243	260
Other expenses				
Scholarships and awards	43	-	-	-
Travel	1,237	1,193	1,154	944
Repairs and maintenance	5,381	4,544	4,343	4,544
Consumables	17,009	15,294	14,660	12,850
Other	17,422	12,720	17,909	10,147
Total	94,004	75,082	87,422	68,091
Other				
Academic staff salaries	2,989	2,815	2,989	2,815
Academic staff salary related expenses	494	468	494	468
Non-academic staff salaries	16,638	11,362	6,056	6,038
Non-academic staff salary related expenses	1,089	1,199	1,000	1,005
Depreciation expense				
Buildings	798	789	798	789
Computer equipment	146	31	-	-
Motor vehicles	32	34	-	-
Other equipment	284	135	-	-
Other expenses				
Scholarships and awards	10	2,891	-	19
Travel	1,072	916	62	71
Repairs and maintenance	408	510	361	456
Consumables	2,763	1,269	1,133	1,186
Other	41,839	18,668	2,081	2,132
Total	68,562	41,087	14,974	14,979

29.2 EXPENSES BY FUNCTION (continued)

	<i>Consolidated</i>		<i>University</i>	
	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>	<i>2001</i> <i>\$'000</i>	<i>2000</i> <i>\$'000</i>
Summary of Expenses by Function				
Academic staff salaries	149,762	141,475	141,088	134,569
Academic staff salary related expenses	38,740	35,048	35,307	33,083
Non-academic staff salaries	173,492	156,586	147,780	138,310
Non-academic staff salary related expenses	39,057	35,109	37,446	33,560
Depreciation expense				
Buildings	15,946	15,314	15,544	15,058
Computer equipment	12,085	11,761	11,762	11,545
Motor vehicles	431	379	368	295
Other equipment	8,067	7,801	7,396	7,322
Library holdings	9,302	4,869	9,136	4,762
Other expenses				
Scholarships and awards	32,918	33,444	32,439	30,174
Travel	24,071	18,723	21,543	15,951
Repairs and maintenance	18,066	14,958	17,902	14,767
Consumables	59,902	53,013	49,830	47,297
Other (i)	136,985	121,095	93,304	76,144
	718,824	649,575	620,844	562,837
Deferred employee benefits for superannuation				
Academic staff salary related expenses	41,094	(28,605)	41,094	(28,605)
Non-academic staff salary related expenses	43,067	(29,229)	43,067	(29,229)
Total Superannuation	84,161	(57,834)	84,161	(57,834)
Total Expenses by Function	802,985	591,741	705,005	505,003
(i) Expenses included in this category were:				
Contract services (incl. consultants)	55,647	43,083	41,850	31,816
Bad & doubtful debts	(259)	7,749	(1,520)	7,729
Net losses from sale of property plant & equipment	64	1,099	70	740
Postage and telephones	10,347	9,919	8,725	7,978
Administration costs	3,999	5,800	-	-
Advertising	4,640	3,473	3,399	2,112
Audit Fees	305	275	184	177
Commission to agents	2,071	961	-	-
Cost of goods sold (UNSW Press Ltd)	6,817	7,536	-	-
Development project costs - other aid	5,484	2,667	-	-
Development project subcontractors	-	3,038	-	-
Energy and utilities	5,464	4,480	5,335	4,341
Facilities hire and rental	4,247	3,455	4,088	3,079
Fees and charges	1,845	4,991	1,513	1,457
Fringe Benefits Tax (FBT)	1,342	1,384	1,200	1,252
Inventors & collaborators	3,083	2,087	-	-
Motor vehicle expenses	1,093	969	988	941
Net foreign exchange loss	42	-	-	-
Non-capitalised equipment	23,313	9,154	22,253	9,085
Operating lease and rental expenses	2,744	4,704	2,744	3,963
Residential	1,208	1,052	-	-
Student accommodation overseas	2,805	2,274	-	-
Other	684	945	2,475	1,474
	136,985	121,095	93,304	76,144

End of Audited Financial Report

