

) ‘As UNSW’s *strengths* continue to *grow*, we will need to *refine* our *academic vision* and align our *resources* with that vision. This is *exciting work!*”

) Professor Wyatt R Hume
Vice-Chancellor and President



UNSW

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THE UNIVERSITY OF NEW SOUTH WALES ANNUAL REPORT

2002



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.

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





24 April 2003

Annual Report of the Council of
The University of New South Wales
For the year ended 31 December 2002

The Honourable Andrew Refshauge, MP
Deputy Premier, Minister for Education and Training, Minister for Aboriginal Affairs
NSW Legislative Assembly
Level 31, Governor Macquarie Tower
1 Farrer Place
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 2002.

Dr John Samuel Yu, AC
Chancellor

Professor Wyatt R Hume
Vice-Chancellor and President



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Part ONE

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2002



FACTS IN BRIEF

ENROLMENTS

Students (head count)	40,320
Total enrolments	40,731
Higher doctorate and PhD	2,036
Masters research and Masters coursework	8,710
Cross-institution and non-award	1,166
Bachelor degrees and associate diplomas	24,811
Postgraduate qualifying diplomas and certificates	4,008

STAFF (FULL-TIME EQUIVALENT)

Total Staff	5,192
Academic – teaching only, teaching and research	1,805
Academic – research only	379
Academic – other	73
Non-academic	2,935

FINANCE (2002)

Total assets	\$1.59 Billion
Annual operating revenue	\$765 Million
Total expenditure	\$723 Million

ACADEMIC UNITS

Faculties	8
AGSM (a Faculty of both UNSW and the University of Sydney)	1
University College (Australian Defence Force Academy – ADFA)	1
Schools (including ADFA)	76
Centres	69
Institutes	6
Principal teaching hospitals	4

AWARDS

Total awards in 2002	8,868
Higher degrees	3,772
Postgraduate diplomas and graduate certificates	625
Bachelor degrees and associate diplomas	4,471
Total degrees and diplomas since the University's foundation	174,222
Undergraduate programs available	600
Postgraduate programs available	301



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 as follows:

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

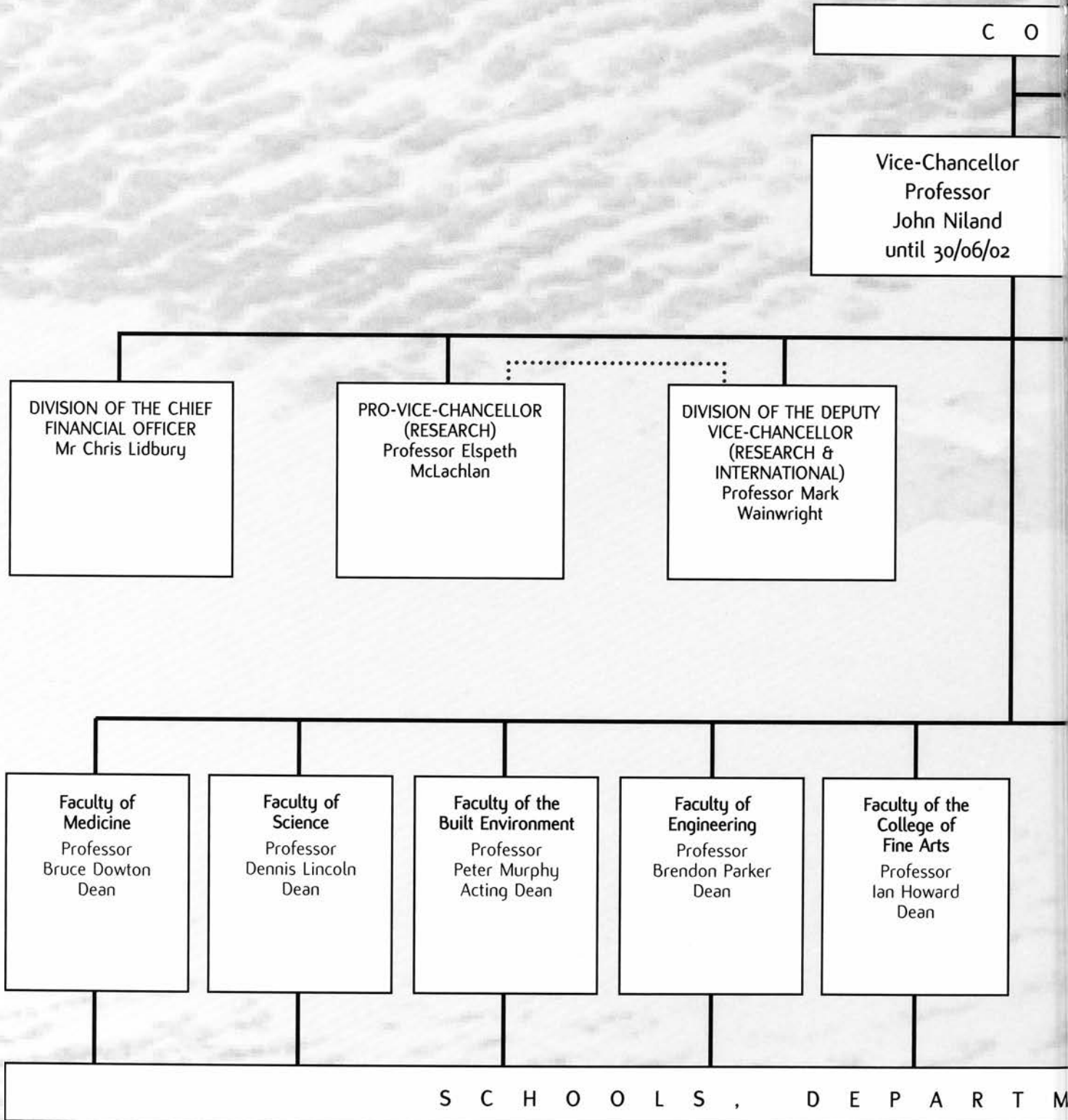
The Council is chaired by the Chancellor, who is elected by the members of Council. During 2002 the Chancellor was Dr John Yu, who was the sixth holder of the office.

The Deputy Chancellor is elected by and from the members of Council. During 2002 the Deputy Chancellor was Ms Catherine Rossi Harris.

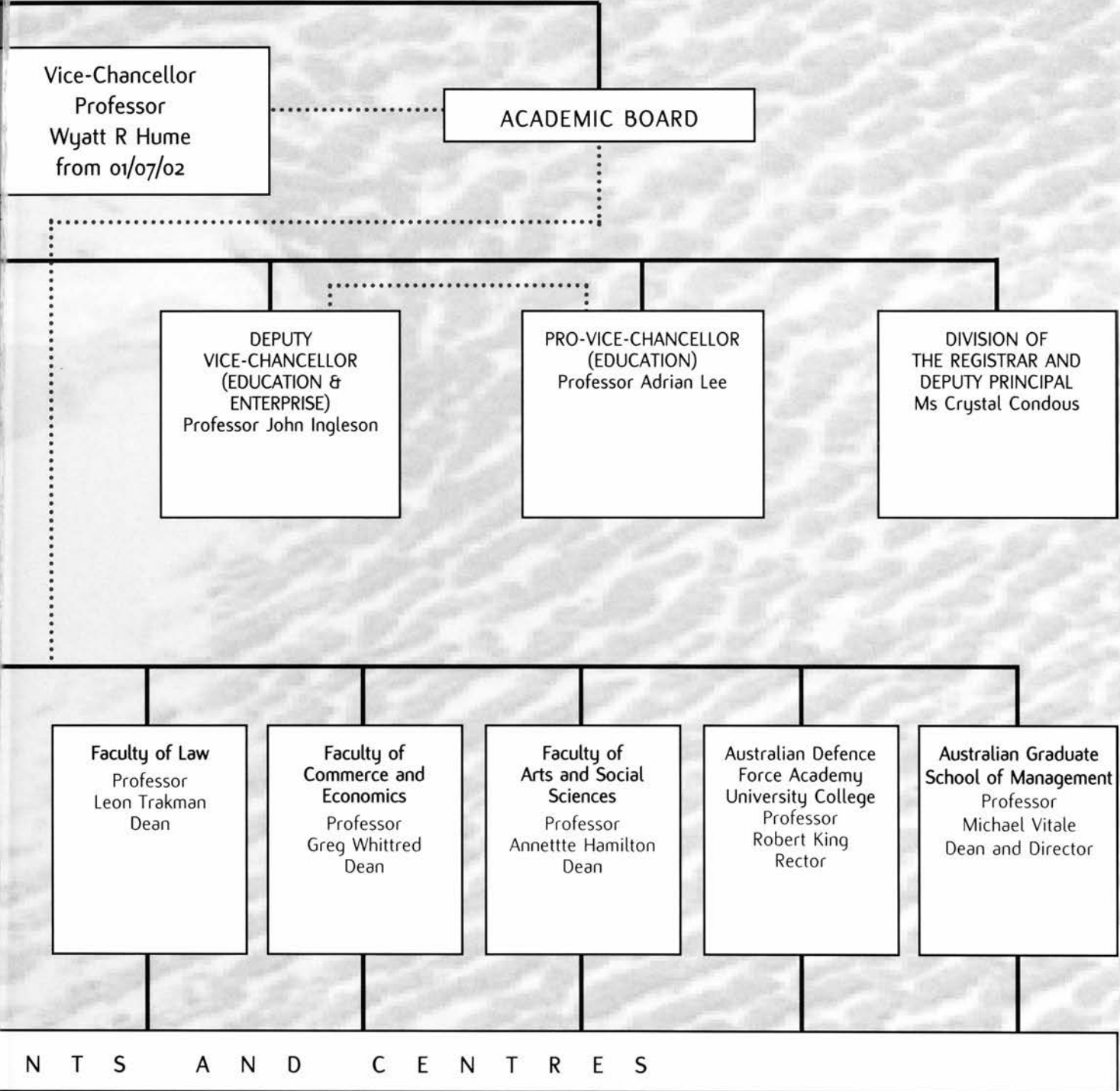
The positions of both Chancellor and Deputy Chancellor are honorary.

The Vice-Chancellor is a member of the Council *ex officio*. The University's fifth Vice-Chancellor, Professor Wyatt R Hume, took office in July 2002.

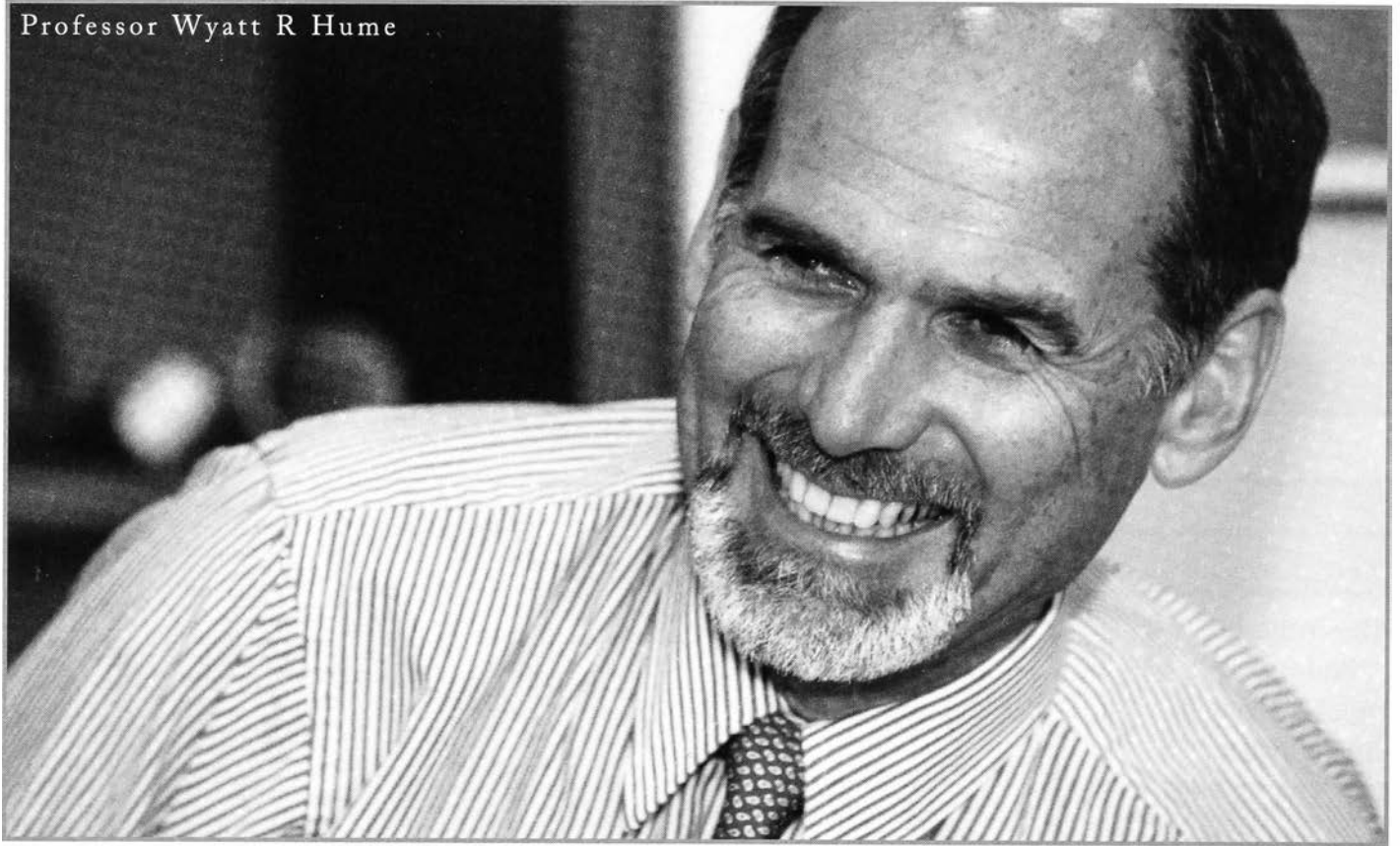
THE STRUCTURE OF THE UNIVERSITY



C I L



Professor Wyatt R Hume



U N S W 2 0 0 2

UNSW *farewells* Professor John Niland as Vice-Chancellor and *welcomes* its SIXTH VICE-CHANCELLOR, Professor Wyatt 'Rory' Hume, former executive Vice-Chancellor at UCLA.



Professor John Niland

THE CHANCELLOR'S REPORT

July 2002 saw the end of the Niland decade at UNSW during which time the University campus was transformed from an undistinguished group of buildings occupying a bleak sandy landscape, into a campus with a soul worthy of the academic excellence achieved over its first 50 years.

The Scientia stood proudly at the heart of this newly green landscaped campus which for the first time had a meaningful orientation about the living spine that was the ceremonial walk from Anzac Parade to the Scientia and its soaring archway. In some ways, this will be the crowning achievement of the Niland Years but an achievement proudly matched by the scholarly reputation achieved by the University. Indisputably, the University of New South Wales is now among the very best of Australia's universities and in many areas it is the best.

On 5 July 2002, Professor John Niland AC stepped down after ten years as the University's Vice-Chancellor and the undisputed leader of tertiary education in Australia. He was succeeded as Vice-Chancellor by Professor Wyatt R Hume.

John Niland had served for two terms as Vice-Chancellor and in 1999 he presided over the many celebratory events of UNSW's 50th birthday. His contributions to the University ensured that the very sound foundations put in place in recent times by Professor Michael Birt and Professor Sir Rupert Myers were properly built upon and devel-

oped in ways entirely appropriate to contemporary needs of the University and the wider community which UNSW served. The University's debt to John Niland is recorded now but it will be remembered by history. I am pleased on behalf of the University to acknowledge and thank John Niland for his many efforts on behalf of our University.

But this is not a farewell and the University is delighted to have him continue his association with UNSW as Chair of the University Foundation. His task in that role has been made so much easier by energetic efforts of the retiring Chair of the Foundation, Mr Bob Sutton, whom the University is pleased to thank and honour by conferring on him the Honorary Degree of Doctor of the University. Indeed UNSW is well served by so many of its alumni and friends who work so hard on its behalf without material reward.

My farewell words to John Niland also give me the opportunity to warmly welcome our new Vice-Chancellor and President, Professor Wyatt Rory Hume. Rory is a successful scientist and academic manager whom Australia is so pleased to have return home. Rory has held chairs in Dentistry at Adelaide University and Sydney University where he was Dean of the Faculty before moving to California. He held professorial appointments at the University of California in San Francisco and then in Los Angeles. He was also Dean of the School of Dentistry at UCLA and most

recently Executive Vice-Chancellor there. Not only did he hold these senior management positions but he remained equally successful in obtaining research grants from the National Institutes in the fields of Health and Dentistry in the USA as well as being successful in our own NH&MRC grants.

When I became Chancellor in 2000, it was often said to me that the most important task of any University Council was to find and appoint the right Vice-Chancellor. After a short but challenging period in office for Professor Hume, I am confident that Council got it right.

In my last Report I talked of the many people who voluntarily serve the University in so many different ways. At the top of that service is membership of the University Council which is a consuming undertaking in both time and energies. Members include four Ministerial appointments and four members elected by the graduates of the University. These eight members serve a four-year term. I am pleased to welcome the re-appointment of the four Ministerial appointees: Deputy Chancellor Catherine Rossi Harris PSM, the Honourable Susan Ryan AO, Mr Peter Mason AM and Mr John Pascoe AO. Two members were re-elected by the alumni, Dr Jessica Milner Davis and Dr Penny FitzGerald. I welcome two new members elected by the alumni Ms Gabrielle Upton and Mr Geoffrey Lawson OAM. Mrs Jo Karaolis and Mr James Anderson did

not seek re-election as Alumni members and I thank them for their past services to the University.

The external members of Council have a vital role in ensuring the University of New South Wales remains relevant and accountable to the broader community which includes government, our supporters, industry partners and our alumni. The general community will become increasingly important to the University and its mission as government funding becomes proportionally less in our total budget. For a university like UNSW, our community must and does include friends and partners overseas especially in Asia.

The five retiring staff members of Council were re-elected for a further two-year term. They were Mrs Beverley Crane, Professor Wai Fong Chua, Associate Professor Rae Frances, Professor Jeremy Davis and Associate Professor John Carmody. The student Councillors, Ms Linda Scott and Mr David Hughes, were also re-elected. I congratulate all of them and thank them for their ongoing commitment to UNSW and to the work of Council. These are the people who really understand the implications and consequences of Council decisions. They served the University well.

During the year, Professor Kevin McConkey was re-elected President of the Academic Board and in that capacity continues as an official member of Council. I am delighted to have his incisive and strategic thinking still available to Council. The other two official members are the Vice-Chancellor and the Chancellor.

The remaining members of Council continue, though the two Parliamentary members are elected by the Upper and Lower House of the New South Wales Parliament and one member, the Honourable Deirdre Grusovin MP, will be retiring at the next State elections. Mr Brian Suttor is the 21st member who is elected by the other members of Council. Brian has the unenviable task of chairing the Audit Committee which in the present environment of greater accountability is very onerous. Council is looking at its own corporate governance performance and at ways of monitoring its risks and risk management procedures and this may result in an additional Council committee rather than burden the Audit Committee yet further.

Events within the University and outside highlight the need for better financial and management control. It will invariably result in extended

audit activity and a better monitoring of University units including the University's controlled entities. Much greater responsibilities now fall on those who represent the University on a diverse range of boards and councils. I thank them for their time and their willingness to serve UNSW. It is important that government, our donors, institutional and business partners have trust and confidence in University undertakings.

I wish to thank all University staff for their loyalty and hard work. It is a great privilege to be part of an organisation that is making a difference to our country's future. I would also wish to acknowledge and repeat the University's commitment to scholarship, research and our many students, some of whom at times may think that they are forgotten.

Finally I wish to recognise and thank the Honourable Dr Brendan Nelson MP and the Commonwealth Department of Education, Science and Technology, and the New South Wales Minister for Education and Training, the Honourable John Watkins MP, and his Departmental officers all of whom have extended help, understanding and courtesy to UNSW throughout the year.

**JOHN YU, AC
CHANCELLOR**

THE VICE-CHANCELLOR'S REPORT

The University of New South Wales continues to do well by many measures and this report will provide details of some of our areas of success. While we can quite rightly take pleasure in these achievements, we must also recognise some parts of our performance that are less than optimal, and that there are some areas where we will need to do better in the future. As we enter a new cycle of planning we need both to determine what we will become academically in the future and to define ways to improve areas of our performance.

First among the determinants of the quality of a university is the quality of the staff and students.

In 2002, UNSW did well in continuing to attract and retain outstanding undergraduates from New South Wales and from elsewhere in our region. One of the objective measures of this success is the fact that UNSW is again the first choice for the highest level performers in the New South Wales Higher School Certificate examination, with the greatest number of students in the top one per cent band of the Universities Admission Index choosing to study at UNSW. In winning the **Rhodes Scholarship** in 2002, Lieutenant Adam Easton from the Australian Defence Force Academy brought to 11 the number of these prestigious scholarships awarded to UNSW students since 1992.

UNSW continues to be one of Australia's leading research universities with research outcomes that

benefit the nation. 2002 was a highly successful year for UNSW researchers. The University continued to be a leader in obtaining national competitive grants, particularly through the ARC Linkage Projects scheme. A pleasing feature was the award of two NHMRC Program Grants. Through the NICTA consortium, UNSW, along with the Australian National University and the New South Wales and Australian Capital Territory Governments, was successful in the award of the National Centre of Excellence in Information and Communications Technology. A major contributor to the bid was Professor Arun Sharma who will be the director of the New South Wales node, based at the Kensington campus and the Australian Technology Park in Redfern.

UNSW is the host institution for two of the ARC Centres of Excellence announced in December 2002. Scientia Professor Robert Clark was the leader of the bid for the Centre for Quantum Computing Technology, whilst Scientia Professor Stuart Wenham led the bid for the Centre for Advanced Silicon Photovoltaics and Photonics. In addition, UNSW is the host institution for two new Cooperative Research Centres (CRC), also announced in December. The Vision CRC (which developed out of the CRC for Eye Research and Technology) received the highest national funding. The Centre for Waste Management and Pollution

Control based at UNSW becomes the CRC for Environmental Biotechnology.

2002 saw continued growth in the number of on-campus **international students** with an increase from just over 8,000 in 2001 to 8,800 in 2002. Particularly pleasing was the increase in the number and diversity of **international research students** as a result of increased scholarship support provided by UNSW. The pre-eminent role played by UNSW in the export education sector was recognised by its induction into the Austrade/Australian Chamber of Commerce **Australian Export Awards Hall of Fame**; the first educational awardee. Ms Jennie Lang, Executive Director, UNSW International, who continues to play the major role in UNSW's international success, was made an Australian Export Hero by the Australian Institute of Export.

This was a major year for **learning and teaching** at UNSW with a number of initiatives funded out of the Strategic Priorities Fund reaching a stage where they will impact on the student experience. A successful, intensive, seven-day program, the Foundations of University Learning and Teaching course, has been introduced for new staff. Twenty-five projects that aim to improve teaching in First Year culminated in a full-day Symposium entitled 'Exciting and Engaging our Students in Their First Year'. This very successful series of presentations and workshops, which were attended by more

than 250 staff, demonstrated the new energy that is being put into improving student learning at UNSW. You are encouraged to view the results of these projects at www.pvced.unsw.edu.au.

National recognition for outstanding teaching in the category of Humanities and the Arts was conferred on Associate Professors Bruce Scates and Rae Frances by the Australian University Teaching Committee. As well, Dr Julian Cox won a Quality Teaching Award from the New South Wales Minister for Education and Training and the Australian College of Educators.

UNSW's involvement in **Universitas 21** (U21) remains strong, with an increased focus on collegial activities. UNSW was represented at meetings involving Heads of Administration, Research Managers, Academic and Research Vice-Presidents, Deans of Arts, Engineering, Medicine and Science, University Librarians, Student Exchange Officers and the Student Network. Three general staff and three academic staff undertook research at U21 institutions after being awarded U21 Fellowships. The Learning Resource Catalogue (LRC) continues to be populated and developed and UNSW academics are represented on *U21pedagogica*, the U21 quality assurance agency responsible for the assessment of all Universitas Global programs and subjects. U21 was included in the new corporate website (www.unsw.edu.au/international/int/international.html).

To facilitate the continual enhancement of UNSW's quality system in accordance with international best practice and the strategic priorities of the University, the **Quality System Development Group** has been established. The Group is providing advisory and facilitation support for the Faculties as they

engage in the Academic Strategic Planning Process I initiated this year.

The University continues to improve facilities in support of teaching, researching and service. Two initiatives were implemented during the year to provide enhanced services to students over the web. The first is the **Student Gateway** at www.student.unsw.edu.au, an online guide to services and resources for UNSW students, carrying easily referenced information about enrolments and other academic administration procedures, student services, and links to Faculty and School websites. The second initiative is the **Virtual Handbook**, an online, searchable catalogue of programs (including requirements), plans and courses offered at UNSW. It is integrated with self-service web enrolment on NewSouth Student Online and the Student Gateway, and linked to the Library's online learning resources and Faculty web pages.

The **University Library** successfully implemented new systems for information access and management in December. This was a key project in the Strategic Priorities Funding for 2002. The Library selected systems from Ex Libris, after a competitive tendering process. Ex Libris is a major international supplier of software to research libraries. This project replaced systems implemented in 1986 and 1991. The new systems will improve information access for the UNSW community and bring internal efficiencies to the University Library. A key advantage is the capacity to integrate the new systems with other essential applications used at UNSW, such as NewSouth Solutions and WebCT.

Despite ongoing financial pressures, the Library continues to meet the needs of UNSW students and staff. These pressures have particularly affected the acquisition

of serials for the University Library, but some improvements can be noted. Through consortia activities with the Council of Australian University Librarians and the Group of Eight Libraries, the University Library continued to acquire major databases at a lower price in 2002. The University Librarian successfully renegotiated access to Elsevier's *Science Direct* service on favourable terms.

UNSW recognises that our staff are its most valuable asset. The **Career Development Scheme** was developed with this in mind and implemented in the Faculties of Medicine, Science (School of Physics), and College of Fine Arts, as well as the Australian Defence Force Academy, Human Resources, and the Australian Graduate School of Management (AGSM). The scheme is aimed at supporting staff to develop their skills and enhance their career opportunities through participating in developmental activities while supporting the work priorities of their unit. Implementation of the program is now being initiated across all other faculties.

Staff Development initiatives have continued for staff across the university and the orientation program introduced more than 250 new staff in 2002. Network and discussion groups continued with the new **Administration Network** being launched and the induction workshop of new Heads of Schools supported the **Heads of Schools Discussion Group**. The **Academic Professional Development Program** was introduced to provide assistance with teaching, research and post-graduate student supervision. The Learning Alliance provided staff access to the Master of Business Technology program's Project Management course. A new initiative for management development was

the introduction of the Certificate IV Frontline Management, offered for the first time in 2002. In addition, six staff HECS scholarships were offered in each of the Master of Commerce and Master of Business Technology programs and two half Scholarships to the AGSM.

A major initiative undertaken by **Human Resources (HR)** in 2002 was the implementation of a progressive HR Service Delivery model, designed to strategically align HR services with Faculty human resource needs. An HR consultant was placed in each Faculty and will become the first port of call for all HR issues in the Faculty and be more available to provide HR advice to staff.

A range of other innovative workplace policies were introduced in HR during 2002 providing for remuneration flexibility and salary sacrifice options and enhanced conditions of employment. I am committed to HR continuing to extensively canvass the views of staff to help develop innovative and family-friendly policies, such as the maternity leave survey undertaken in 2002.

The contribution of University staff is further imbued in the approach undertaken in the University's enterprise bargaining offers to general and academic staff in 2002. In what I consider to be a fresh approach to an issue that has in the past been a difficult one, UNSW departed from tradition and made pre-emptive salary offers to staff prior to the expiry of the current enterprise agreements. By the end of 2002, both general and academic bargaining negotiations with staff unions had progressed well and there are promising signs that both could be resolved in early 2003.

Major Works in 2002 in terms of construction were modest, but nevertheless resulted in some significant improvements to campus facilities

and infrastructure. Major improvements included new office accommodation for the National Centre in HIV Social Research, the School of Media and Communications and the Science Student Office; a new lecture theatre for NewSouth Global Pty Ltd; new computer laboratories for the School of Computer Science and Engineering and the Centre for Quantum Computing Technology; a new receiving point and gas storage facility for the Kensington campus; new start-up space for NICTA; rehabilitation of the façade of the Applied Science building; and improvements to Engineering and Science Roads that provide better vehicle circulation and public area amenity.

One other Federal Government initiative (apart from NICTA), was the completion of the first permanent facilities for the School of Rural Health at the Wagga Wagga Base Hospital. Two projects that provided significant improvements to the facilities for students were major extensions to the Sam Cracknell Pavilion for the Sports Association and the refurbishment of the Mathews Cafeteria for the University Union.

Approval for redevelopment of the former Unisearch House in Anzac Parade paves the way for a significant new building to accommodate the very successful programs of NewSouth Global Pty Ltd, as well as the future growth of NICTA. The new building will also allow the western campus to be redeveloped. Also approved was the University's Master Plan for the Kensington Campus, a requirement of Randwick City Council. I have asked the Deans to determine their key academic needs that may generate further development of the campus and amendments to the Master Plan.

UNSW is committed to an ambitious proposal for a BioHub incorporating new facilities for the Prince of Wales Clinical School, the AGSM and key biotechnology research. Consultants are assisting the University to determine if the BioHub should proceed.

Maintaining its reputation as a campus of excellence in design and construction, the year 2002 saw the architect for the redesign of the National Institute of Dramatic Arts (NIDA) win the Sulman Award, Australia's highest architectural prize for public buildings. In addition, The Scientia building won the International Federation for Structural Concrete award in the category of buildings and UNSW won the Energy Smart Green Globe Award for the installation of a co-generation plant for its swimming pool.

UNSW is in a sound financial position, despite limitations in Federal Government funding. Under the leadership of my predecessor, Emeritus Professor John Niland AC, who retired from office in July 2002, the University reached a strong position from which it can face challenges of higher education in a more competitive and uncertain international economy. I am very pleased to note that Professor Niland's energy and experience remain with UNSW as he continues to work with us in his new position as Chair of the UNSW Foundation. While our annual, recurrent funding situation is satisfactory, it is essential that we continue to build an endowment in support of UNSW and its programs so that we can continue to prosper in times when either the general economy is less favourable or funding support from the Federal Government might be even less satisfactory than it is at present.

Some negatives concerning UNSW's performance should be noted. These include allegations of mismanagement and nepotism within UNSW's Educational Testing Centre (ETC). These allegations were investigated and substantial changes in the leadership and management of the ETC were made as a consequence. I believe that the fundamental quality of the ETC is sound and that it is now well managed. I will maintain a close interest in its work in the coming years.

Allegations of scientific misconduct were made against a UNSW academic staff member at one of the University's affiliated hospitals. Although a UNSW investigation found that many of the allegations were not supported by the evidence, it was considered necessary that an external independent committee (EII) of experts with relevant scientific qualifications be established by the University to investigate and report on allegations of scientific misconduct and scientific fraud which were not resolved through the

UNSW investigation. At the time of writing this report, the EII had not completed its investigations, however it was anticipated that a full report would be delivered to me by the end of January 2003. It is evident that in order to protect the University's programs and reputation we must maintain close systems of oversight of academic and administrative activities, as well as mechanisms to support staff in expressions of concern about areas of perceived inadequacy or impropriety. The University continues to work towards upgrading its systems of both oversight and staff support.

I strongly believe that having a clear academic vision, leading to a set of academic goals supported by a sound business plan are essential foundations for the excellence of UNSW in the future. Once a university's academic community and its governance structures have clearly defined these goals, adjustments both to the academic program and to the distribution of resources can be

made on a rational basis. UNSW commenced a campus-wide consultation process in November 2002 to clarify the academic strategic vision, as part of the overall and ongoing process of academic planning at UNSW. The first round of this process will be completed by March 2003. The process will inform subsequent decisions on the deployment of resources necessary for the University to continue to improve. Some of these resources will be direct financial support of people and programs. Some will be improvements to the physical infrastructure of UNSW. Some will be improvements to our administrative and support services. It is quite routine for institutions such as UNSW to redesign, revamp and reinvigorate planning processes. I am optimistic that through the activities we are now undertaking, UNSW will maintain its trajectory into 2003 and future years.

**PROFESSOR WYATT R HUME
VICE-CHANCELLOR AND PRESIDENT**



UNSW



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U N S W 2 0 0 2



The Premier, the Hon Bob Carr, launches the new BLACK DOG INSTITUTE. Headed by Professor Gordon Parker (left), this is a major public health initiative funded by the New South Wales Government to promote education and research into depression and its treatment.

RESEARCH AND INTERNATIONAL

RESEARCH

UNSW is committed to excellence in fundamental research, as well as to the application of research methodology to the development of innovative technologies for the future, through links to universities and industries worldwide. Research is undertaken in every Faculty and School and also in dedicated Research Centres set up either by UNSW or with funding from external organisations. Particular 'critical masses' of researchers exist in many areas and outside of these lie smaller groups and individuals of renown. The University's areas of research strength span all disciplines, ranging from nanotechnology to English literature. Emerging areas of research strength include comparative law, Australian history, defence studies, environmental sciences, construction management, urban planning and architecture, health informatics and the application of computers in film.

The University is a leader in many diverse fields, both nationally and internationally. Amongst the Group of Eight Universities, it has risen to obtain the second largest amount of international grant funding per annum (more than \$15M in 2001). In 2002, large international grants were received for work in the areas of HIV/AIDS vaccine development (\$8.2M per annum), prostate cancer (\$2M) and quantum computing (\$1.16M).

Research activities at UNSW have continued to receive nationwide accolades during 2002, with success in the competitive round for the Commonwealth-funded National

Centres of Excellence under the Federal Government's Backing Australia's Ability initiative. In the biomedical research area, UNSW ranked highly with two major new Program Grants for research into vascular biology and depression (jointly receiving \$15M over five years) from the National Health and Medical Research Council (NHMRC). Under the Systemic Infrastructure Initiative scheme in 2002, UNSW was awarded \$5.3M for the Business Intelligence Laboratory (BIT Lab) and \$2M for a specialist mass spectrometry facility for advanced molecular and biomolecular research.

Research funding success for project grants was on track with the Australian Research Council (ARC). In line with our usual success, UNSW received 367 grants totalling \$26.2M and ranked first amongst the Group of Eight Universities for the number of Linkage Projects awarded. Overall, UNSW's ARC national ranking was third. Less successful were projects awarded through the NHMRC with only 17 per cent of applications successful. Total funding from the NHMRC for projects in 2002 was \$7.8M, and funding across all NHRMC schemes was \$16.4M.

UNSW staff have received high level recognition for their research activities. Professor Michael Banner from the School of Mathematics won the 2002 Sverdrup Gold Medal awarded by the American Meteorology Society (AMS), for work in the atmospheric and related sciences. In 2002, UNSW had the largest contingent of

new Fellows elected to the Australian Academy of Science: four Professors (Scientia Professor Eugenie Lumbers, Professor Robert Sutherland, Professor Robert Graham and Professor Michael Archer) were recognised for their contributions to medical and biological sciences. Professor Somasundaram Valliappan (School of Civil and Environmental Engineering) won an International Association for Computational Mechanics (IACM) Award at the World Congress on Computational Mechanics in Vienna. Associate Professor Levon Khachigian (Centre for Vascular Biology) was awarded the Gottschalk Medal of the Academy of Science in recognition of his outstanding research on cellular and molecular mechanisms involved in atherosclerosis. Professor Martin Green (Centre for Photovoltaic Engineering) won a Right Livelihood Award in Sweden for his work in harnessing solar energy. UNSW gained five outgoing and three incoming Fulbright Fellowships – more than any other higher education institution in Australia.

The Centre for Health Informatics (a collaborative venture of the Faculties of Engineering and Medicine), was the focus of the launch in August by the Minister of Health, Senator Kay Patterson, of its Home Telecare System which will help a patient's condition to be transmitted to their doctor while they live at home. A successful state-wide workshop on Stem Cell Research was held at UNSW with about 150 attendees. As a result, a New South Wales Stem Cell Network was established to focus interest in this exciting

new area with potential for many therapeutic applications.

The University recognised eight of its pre-eminent researchers by honouring them with the title of Scientia Professor. The new Scientia Professors, who hold the title for five years, are: Professor Gavin Andrews (School of Psychiatry); Professor Conal Condren (School of Politics and International Relations); Professor Tom Davis (School of Chemical Engineering and Industrial Chemistry); Professor Victor Flambaum (School of Physics); Professor Barbara Gillam (School of Psychology); Professor Staffan Kjelleberg (School of Biotechnology and Biomolecular Sciences); Professor Peter Swan (School of Banking and Finance); and Professor Stuart Wenham (Centre for Photovoltaic Engineering). They join 15 Scientia Professors previously honoured at UNSW, a special category established by the University Council in 1997 to recognise academics who have achieved international eminence in research. It is also pleasing to note that a former Scientia Professor, David Trimm (recently awarded a Federation Fellowship through his work at CSIRO) will return to his research activities at UNSW next year.

Research training is a vital part of UNSW's activities in all Faculties and underpins Australia's capacity to undertake research in the future. The Office of Research Training was established within the Research Office with the appointment of a Higher Degree Support Officer, who provides central assistance to research students working closely with the Faculties, the Postgraduate Board of the Student Guild and supervisors. This Officer has also been involved with Staff Development in the establishment of supervisor training programs and the development of a Postgraduate Coordinators' Network. In 2002, UNSW expanded its scholarship program for international postgraduate research students,

resulting in an increase in the number, quality and diversity of candidates. In total, there were 3089 research students enrolled at UNSW.

Major problems arose during 2002 in relation to the provision of research animal services. The closure of Prince Henry Hospital removed the holding facilities for large research animals (sheep and pigs), as well as the major animal surgery facility in the Clinical Sciences Building. This has severely disadvantaged UNSW researchers in the Faculties of Medicine and Engineering. Plans to develop improved facilities are under way in conjunction with the South East Sydney Area Health Service, but there will be unfortunate delays for research activities. Our marsupial colonies at Cowan survived the December bushfires due to the valiant efforts of staff.

Difficulty in obtaining insurance for researchers involved in clinical trials was overcome by locating insurance underwriters in London, but the changing world economic environment suggests that this may not always be available in future, raising concerns about the possible restrictions on research activities in the future.

Other matters that have absorbed the scientific community are the implementation of the Occupational Health and Safety Act 2000 (NSW) and the Gene Technology Act 2000 (Cwlth). The regulations associated with these acts, together with the Health Records and Information Privacy Act 2002 (NSW) and the Privacy Act 1988 (Cwlth), now impact on the activities of the research community and have led to major changes in the way in which UNSW, like other institutions, administers many forms of research. Efforts to reduce the burden on researchers, while ensuring adequate training is provided and appropriate facilities are in place, have been the responsibility of the Risk Management Unit.

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 2002, more than 8,800 international students were enrolled at UNSW, including 3,559 who were studying for higher degrees. The total full-degree international enrolments were 7.3 per cent higher than in 2001. The students were from 125 countries, with 55 per cent of the cohort drawn from China, Hong Kong, Singapore and Indonesia. It is pleasing to note that an increasing share, representing approximately 20 per cent of the 2002 international cohort, are drawn from Europe and the Americas.

One of the highlights of the year was the induction of UNSW as one of three inaugural members of the new Austrade/Australian Chamber of Commerce Australian Export Awards Hall of Fame. Established to honour those organisations which have achieved the great distinction of being national winners of the Australian Export Award category on at least three occasions, it is envisaged that this will only ever be bestowed on a very select number of Australian enterprises. The Federal Minister for Trade, the Hon Mark Vaile, presented the award on behalf of Austrade and ACCI, noting that the inductees were "leading examples to other exporters of the benefits of exporting on a consistent and sustainable basis".

Ms Jennie Lang, Executive Director of UNSW International, has been awarded an Australian Export

Hero Award (in the Education category) by the Australian Institute of Export (New South Wales). This award, presented to individuals for their dedication and commitment to building Australia's export and international interests, recognises Ms Lang's work in developing Australia's export culture through International Education. Ms Lang is the first recipient from the education sector to receive this individual award, which was presented by the Governor, Her Excellency Professor Marie Bashir at Government House.

UNSW continued to provide leadership and expertise to Nanyang Polytechnic with respect to the establishment of a new School of Life Sciences at the Polytechnic and in collaboration with the Economic Development Board of Singapore.

The Golden Jubilee Scholarship Program provides full tuition scholarships for the top diplomats from four polytechnics in Singapore and five institutes and/or colleges in Malaysia. A total of 32 scholarships for students from Singapore and 29 scholarships for students from Malaysia are available each year. In 2002, these scholarships were valued at over \$3.6M and 106 students cumulatively had enrolled at UNSW under this prestigious scholarship program since its inception in 1999. 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 Singaporean students each year on a needs basis.

From May 2002, when statistics began to be gathered, UNSW conducted 3065 overseas visits by employees and officers for research, academic and promotional purposes. Travel costs are reported in the 'Expenses by Function' section of the Financial Report. The

International Office has five staff who travelled overseas on a total of 35 occasions in 2002, for events associated with international student recruitment, along with representatives of each of the Faculties. Also, 108 academic staff travelled overseas for research as part of the Special Studies Program

The University again conducted graduation ceremonies and alumni activities in Hong Kong and Singapore and held a ceremony in Beijing for graduates of Master of Commerce programs, offered in partnership with Guangzhou University and the Beijing University of Aeronautics and Astronautics.

UNSW continued to be one of the major providers of education and training for the Australian Agency for International Development (AusAID), enrolling 117 new Australian Development Scholarship students from a wide range of countries in our region out of a total of 244 AusAID sponsored students at UNSW.

Participation in regular support programs for international students increased during the year, especially with Airport Reception, Temporary Accommodation, Housing Assistance, Orientation and Returning Home seminars. There was also increased demand for day trips and short holidays organised by International Student Services 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 2002, but who would not be able to attend graduation ceremonies in Kensington or overseas.

During the year, 265 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 \$179,800 in financial assistance to selected exchange students. There were 326 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 42 UNSW students studying at prestigious business schools overseas, and 53 students coming for a term to AGSM.

Final year medical students also participated in upwards of 210 clinical placements in more than 40 countries and the Faculty arranged clinical clerkships in New South Wales hospitals and other health facilities for in excess of 200 visiting students from more than 20 countries. In 2002, there were 122 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 to support the AusAID-sponsored Australian Youth Ambassadors for Development program, which involved a three to six months attachment 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 2002 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.

The opinions of international students on the quality of their experience at UNSW have been actively canvassed through meetings and surveys throughout the year. As a result, improvements to student housing and overcrowding of classrooms are to be given a higher priority by the University. Other improvements to the experience of students are also foreshadowed.

ACADEMIC AND TEACHING DEVELOPMENTS

As the principal academic body of the University, the Academic Board processed new and revised program proposals and provided advice to Council and the Vice-Chancellor on a range of academic and teaching matters, as well as discussing and advancing a substantial amount of significant policy in 2002.

The Academic Board approved major changes to guidelines for the establishment, operation, and review of Research Centres, which will enhance the academic productivity of the University. To improve the transparency of, and confidence in, collegial decision making, the Academic Board developed and approved guidelines for a Statement on School Governance and Management in Schools, and Schools throughout the University worked to ensure that their particular procedures were consistent with those guidelines.

Following substantial discussion and consultation, and to assist students and staff make teaching and learning commitments over summer, the Academic Board standardised Summer Session as a nine-week period, from two weeks before Christmas to seven weeks after the first week of January. With a greater number of students being attracted to postgraduate coursework and with many wanting to undertake such coursework in stages, the Academic Board developed Guidelines for Articulation and Credit Transfer in Postgraduate Coursework Degrees, Diplomas, and Certificates. These guidelines will help students better determine the courses that they

need to undertake, and help staff better develop overall programs to meet the needs of different types of students.

Following an extensive review, including a consideration of the requirements at other research-intensive universities, the Academic Board approved a revision to the English Language Requirements for all undergraduate and postgraduate programs. From January 2004 the minimum overall IELTS score would be 6.5, with a minimum of 6.0 in each of the academic test modules of reading, writing, listening, and speaking. We also amended the waiver provisions application in certain circumstances. Following lengthy discussion and consultation, the Academic Board approved a major revision and updating of the Assessment Policy, effective from Session 1 2003. This revision incorporated existing policy, and introduced changes in areas such as anonymous assessment and academic standing.

The Academic Board discussed in detail and recommended to Council the approval of new selection criteria for admission to the Undergraduate Medicine Program from 2003. These new selection criteria are a UAI of 95 and above, in combination with the results of the Undergraduate Medicine and Health Sciences Admission Test and a structured interview, rather than selection on the basis of a UAI alone.

Other policy matters progressed by the Academic Board include: endorsing the Statement of Academic Requirements in the agreement

between the Commonwealth and UNSW for provision of academic services at ADFA; developing guidelines relating to the provision of UNSW courses by non-UNSW staff and organisations; developing guidelines for the Electronic Circulation of proposals to committees of the Academic Board and committees of Faculties; approving a change to the quorum of Faculty Committees from 66 per cent to 50 per cent; and recommending to Council for approval a policy on Pass with Distinction for certain undergraduate programs.

The Academic Board was involved actively in the seven UNSW Submissions to Ministerial Review of Higher Education in 2002. These submissions were over the names of the Chancellor, Vice-Chancellor, and President of Academic Board (as well as other colleagues), and were an important instance of shared governance of the University.

SIGNIFICANT COMMITTEES ESTABLISHED

The Academic Board reviewed the issues, priorities, and performance of itself and its Standing Committees in 2002. The Academic Board revised the structure and Terms of Reference for its Standing Committees, which are now the Policy Advisory Committee, Committee on Research, Committee on Education, Postgraduate Coursework Committee, Undergraduate Studies Committee, Pre-University Education Committee, and Academic Services Committee.

LEARNING AND TEACHING

The three major objectives of the Pro-Vice-Chancellor's (Education) portfolio in 2002 were to improve the educational experience and outcomes for students at UNSW; develop and monitor processes for improving learning and teaching; and progress the University's educational strategies and use of technology in learning and teaching.

As interrelated objectives, improvements are contingent on understanding students' perceptions of their educational experience at UNSW and drawing on this information (together with evaluation, feedback and best practice in UNSW and elsewhere) to improve learning and teaching at UNSW (including appropriate use of technology to enhance and support student learning).

The projects described below have supported the achievement of the three main objectives and incorporated mechanisms for continual feedback and improvement. In order to achieve a flow-on effect, projects were integrated to support continuing learning and teaching development, to encourage cross-pollination across different initiatives and to allow an increasing number of UNSW staff to be involved in improving learning and teaching practice.

IMPROVING THE EDUCATIONAL EXPERIENCE FOR UNSW STUDENTS

Strategic Priority Funding (2001–2003) was provided for initiatives that focused on improving the quality of the First Year Experience and for a limited number of staff development workshops.

Drawing on UNSW and other institutional research, student surveys, reviews of literature and the key planning goals relating to the First Year Experience in the UNSW Operational Plan, objectives for UNSW First Year Learning and Teaching Awards were drafted. Twenty-six grants of up to \$15,000 were awarded to staff (including academic and general staff) for projects to improve the learning experience of First Year students. The grants are conditional on participation in three-day learning and teaching workshops (to encourage the development of learning communities around First Year projects), and the sharing of issues, strategies and resources through the Learning and Teaching at UNSW Website and the First Year Forum.

The overwhelmingly positive evaluation of the First Year workshops reinforces the effectiveness of the program as a model to assist academics and support staff in their role as educators. In this model, skills and insights of academics and support staff at UNSW are identified, shared and developed in the context of a particular issue, such as First Year Learning and Teaching. We seek to create an environment that encourages the cross-fertilization of ideas, resources and strategies and supports the development of improvements informed by our students experience of effective learning.

Evidence of the success of this strategy can be found in the quality of the project outcomes, and positive

feedback from 250 staff who attended a full-day symposium on the First Year Experience.

To further inform learning and teaching practice and improve the First Year educational experience, a series of semi-structured student focus groups were conducted in the middle and end of the academic year with First Year students from five Faculties. Students were asked about their expectations and experience of First Year study and to identify specific elements, strategies and approaches within their courses that they felt enhanced their learning and could be more widely incorporated into First Year curricula. Initial findings were presented at the 2002 First Year Forum with a formal report to be made available in 2003.

Another strategy to improve the First Year experience was to insure that every First Year UNSW student would have the opportunity of support in their academic and social integration into the University through student peer mentoring. Following the appointment of the First Year Peer Mentor Coordinator, Student Peer Mentoring Programs were established and developed during 2002 in 12 Faculties or Schools. Peer mentoring programs for rural students, international students and mature-age students are also in place. The 'How to Implement a Peer Mentoring Program: A User's Guide' has been developed to support the introduction of peer mentoring in Faculties.

PROCESSES FOR IMPROVING LEARNING AND TEACHING

Initiatives include the development of new formal processes for evaluation and feedback on the quality of our teaching in all Schools, drawing on national and international best practice and wide consultation with the Faculties. The new processes will be refined and trialled during 2003.

The comprehensive 2001 UNSW Student Survey of a large, stratified group of students questioned asked their opinions on all aspects of their UNSW experience. Detailed analysis of survey results has been provided to the Faculties with a request for the development of strategies to respond to the issues raised. A similar survey will be conducted in 2003.

The new Foundations of University Learning and Teaching (FULT) program has been established to assist new staff to develop their skills in University teaching. Two comprehensive, seven-day programs were attended by 55 new staff members and feedback was very positive with 90 per cent agreeing that FULT was a worthwhile experience. The expectation is that this program will be completed by all new staff without prior teaching experience.

The following initiatives have been designed to provide ongoing staff development in learning and teaching. In each of these projects the focus is on supporting the development of shared knowledge around learning and teaching issues within and beyond communities of practice.

INNOVATIVE TEACHING AND EDUCATIONAL TECHNOLOGY FELLOWSHIP SCHEME (ITET)

The ITET initiative is innovative in its focus on supporting the development of UNSW communities of practice in learning and teaching, with a special emphasis on the appropriate use of educational technology. It is also distinct in its incorporation of

strategies to assist Fellows to acquire staff development skills through engaging and working with colleagues in developing their learning and teaching practice. A particular success of ITET has been the inclusion of general staff, resulting in collaborations that would not otherwise have happened.

Three ITET programs have been completed, and ITET 4 (Session 2, 2003) is planned. This will result in an ITET community of about 65 staff. Given the impact on learning and teaching policy and practice that ITET 1, 2 and 3 have already had within their Schools and Faculties and on the wider University community, this is expected to have a significant effect on the quality of teaching at UNSW.

THE PVC(ED) WEBSITE

This website (www.pvced.unsw.edu.au) was initially created to support the working groups who created projects such as Foundations of University Learning and Teaching, ITET and the First Year Experience Project. Since then however, the website has been developed to provide the opportunity to share examples of good learning and teaching practice, not only with each other, but with the wider University community. A case study template for examples of good practice in learning and teaching has been created and members of the FYE and ITET communities have started to contribute. The site membership number has increased by approximately 150 staff over the course of the year (there are currently 354 registered staff members in total), and the average number of site hits per week has increased by 20 per cent

REWARD AND RECOGNITION

National recognition for outstanding teaching was awarded to Associate Professors Bruce Scates and Rae Frances (School of History) by the Australian University Teaching

Committee. In addition to receiving a Quality Teaching Award from the New South Wales Minister for Education and Training and the Australian College of Educators, Dr Julian Cox, Senior Lecturer (School of Chemical Sciences), was awarded a UNSW Vice-Chancellor's Award for Teaching Excellence. Other recipients of the Vice-Chancellor's Award for Teaching Excellence were Phillip Helmore, Senior Lecturer (School of Mechanical and Manufacturing Engineering), Associate Professor Gail Huon (School of Psychology), Dr Prem Ramburuth, Senior Lecturer (School of International Business), Prue Vines, Senior Lecturer (School of Law), Associate Professor Joe Wolfe (School of Physics) and Associate Professor Robert Zehner (Planning and Urban Development Program). Vice-Chancellor's Teaching and Research Awards were presented to Dr Rob Brooks and Dr Michael Grimm.

THE UNIVERSITY'S EDUCATIONAL STRATEGIES AND USE OF TECHNOLOGY IN LEARNING AND TEACHING

The Educational Development and Technology Centre (EDTeC) provides staff development in teaching and learning, and undertakes initiatives to develop and expand the use of educational technology and flexible teaching modes at UNSW.

In 2002, there was increased emphasis on working collaboratively with UNSW staff on Faculty- and discipline-based projects and on fostering student-centred approaches to learning and teaching using educational technologies. The principal means of achieving this was via input to programs, including ITET and the Foundations of University Learning and Teaching, via staff development workshops; and by consultancy work. Feedback has indicated that changes to learning and teaching methods are

occurring, with mostly favourable outcomes for students.

The WebCT service experienced the highest usage since it commenced operating in July 2000, with more than 4,000 users accessing the WebCT server each day. There are some 520 courses incorporating WebCT components; 570 designers (staff) teaching with WebCT; and 46,700 student seats (total number of enrolments across all WebCT courses) having accessed WebCT components. These figures represent users across 63 Schools and other organisational units.

In 2002 there was an increase in the number of staff members requesting just-in-time WebCT training and individualised consultations. As EDTeC has strengthened its relationships with key staff members in Faculties, there has been an increase in the number of School and Faculty-based customised workshops delivered both by EDTeC and in partnership with local staff, such as the ITET Fellows. The Educational Technology in Learning and Teaching course was offered in its complete form in 2002.

EDTeC also offered assistance in the area of accessibility in digital media, including accessible online course design, web design and online documents. EDTeC also provided technical advice and consultation to the UNSW Corporate Website in relation to meeting accessibility benchmarks, navigational aspects, and emerging web standards and guidelines concerning online technologies.

QUALITY ASSURANCE SYSTEM

The Quality System Development Group (QSDG) was established in the first half of 2002 to facilitate the continual enhancement of UNSW's quality system in accordance with international best practice and the strategic priorities of the University.

During 2002 QSDG focused on a number of initiatives including the Student Evaluative Feedback and

Improvement of Teaching project, which aims to improve and recognise the quality of teaching at UNSW and is concerned with the review and improvement of policies and processes for obtaining and effectively using student evaluative feedback.

The Staff Development Continual Improvement project conducted interviews with a wide range of academic and general staff to identify ways to enhance the strategic impact of UNSW staff development. The Postgraduate Research Experience Continual Improvement project, in conjunction with Staff Development, conducted interviews and focus groups with academic staff and students in nine UNSW Schools to identify good practices, as well as areas for improvement in Postgraduate Research.

UNSW CO-OP PROGRAM

The UNSW Co-op Program is an industry-linked scholarship program for undergraduates 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 stipend is \$12,500 pa, reflecting more than \$6M support from industry sponsors in 2002.

In 2002, the Program offered 101 new Co-op Scholarships – 57 to the Faculty of Commerce and Economics, 5 to the Faculty of Science and 39 to the Faculty of Engineering. There are 487 Co-op scholars in total, across the four to five years of the degree programs – 280 in Commerce and Economics, 27 in Science and 180 in Engineering. In 2002, more than 54 per cent of the final year scholars

accepted positions with sponsors and six UNSW Co-op Program scholars won University Medals.

THE LEARNING CENTRE

The Learning Centre offers academic skill support to all students enrolled at UNSW. Assistance in academic language, learning and communication skills is provided through generic workshops, Faculty or discipline-based programs, via individual consultations and through student self-access materials. During 2002, 917 students attended workshops conducted through the Independent Learning Centre arm of the Learning Centre. There were 473 student consultations with advisors in the Learning Centre during the year, and 96 postgraduate coursework students attended a special Saturday Workshop focused on preparing students with academic skills needed for successful post-graduate study.

ABORIGINAL EDUCATION PROGRAM

The Aboriginal Education Program continues its vision to enhance the access, participation, success and integrated development of programs for Indigenous students and studies. This year there has been an increased focus on ensuring that Indigenous students enjoy a culture of success, both on a personal level and as members of the UNSW community. At all times, the Aboriginal Education Program aims to provide the highest standards in education and support to Indigenous Australians. The Program also works closely with other Indigenous centres within the University to ensure optimum support and educational opportunities for all Indigenous students at the University.

During 2002, there were a total of 88 identified Indigenous Australian undergraduates studying at the University within a wide range of

disciplines. There were 25 Indigenous Australian students in the Faculty of Law; 13 in the Faculty of Medicine, 17 in the Faculty of Arts and Social Sciences; 12 in the College of Fine Arts; six in Faculty of Science; five in Faculty of Commerce and Economics; four in the Australian Defence Force Academy; two in the Faculty of Engineering; two in the Faculty of the Built Environment and one in the Institute of Environmental Studies. There were also three postgraduate students - one Masters student in the College of Fine Arts, one Masters student in the Faculty of Law and one Doctoral student in the Faculty of Arts and Social Sciences.

Indigenous Preparatory programs in Law, Medicine and the Built Environment continue to be successful and a new Commerce and Economics Preparatory Program has also been launched. In addition, the Aboriginal Education Program began discussions for a Preparatory program within the School of Social Work. A number of scholarships have also been established this year in Law and Commerce and Economics.

The Aboriginal Education Program also recognises the important role of education at an early age to ensure that Indigenous Australians are able to achieve their full potential and is involved in activities to encourage young Indigenous Australian to

remain at school and to work towards higher education. The Aboriginal Education Program is committed to assisting young Indigenous Australians in gaining access to all the opportunities available to them and does this through scholarships and awards to local primary and secondary schools, summer schools and holiday programs and participating in information sessions and career expos.

STUDENT ACTIVITIES

During 2002 a range of UNSW student bodies contributed to the University's campus activities, including the COFA Students Association, Postgraduate Board, Sports Association, Student Alumni Associates Program, Student Guild and University Union.

The UNSW Postgraduate Board, the representative body of postgraduate students at UNSW, participated in an increasing number of committees and working parties being formed across the University to improve the experience of postgraduates. The Board also implemented outreach initiatives through an Advocacy Outreach program at COFA; a register of Faculty student representatives; and the PGB's website was overhauled to increase its effectiveness in communicating with, and advertising its services to, its postgraduate constituency.

The Postgraduate Board and Student Guild entered negotiations to review their Memorandum of Understanding, a fruitful process that marks the evolution of a cooperative and productive relationship between them.

Both the Student Guild and COFA Students Association saw a greater level of participation from students in 2002. The bus service which connects COFA with the Kensington Campus was successfully continued, and COFA campus facilities were used extensively. During the year, considerable work was undertaken on the COFA Students Association website with site hits doubling to an average of approximately 100,000 hits per month.

The Student Alumni Associates Program, run by the Alumni Association, offered the SLAP leadership program (with the University Union), and a lecture program which brought PhD student and Young Australian of the Year, Scott Hocknull, and other UNSW alumni back to the campus to share their personal and professional experiences.

The Sports Association continued offering a wide range of sporting opportunities to UNSW students in 2002, as well as contributing to the Sports Scholarship program which aims to attract high performing athletes to UNSW. University Union student activities are included on pages 92 and 98 in this report.

SCIENTIA Professor Martin Green, Director of Research at UNSW's Centre for Photovoltaic Engineering, wins a RIGHT LIVELIHOOD AWARD acknowledging him as "THE WORLD'S FOREMOST RESEARCHER AND INVENTOR IN THE FIELD" and his "outstanding success in responding to the KEY technological challenge and moral imperative of our age: the harnessing of SOLAR ENERGY".



FACULTY NOTES

FACULTY OF ARTS AND SOCIAL SCIENCES

The Faculty had an exciting and challenging year during 2002. The new Dean, Professor Annette Hamilton, took up her position in March, initiating a number of developments to strengthen the Faculty's profile, particularly in research and postgraduate activities. Professor Martyn Lyons from the School of History was appointed Associate Dean, (Research) to manage this growing and significant aspect of the Faculty. Under his leadership a new system of committees was established (for implementation in 2003) to support research, conference participation, and publications. A system of mentoring and support for external research grant applicants was trialled and will be developed during 2003.

A new Dean's Advisory Committee (DAC), comprising the Heads of School, Presiding Member, Associate Dean and senior administrative staff was formed to facilitate the flow of information from the University into the Faculty and establish Faculty policy on key issues as they arise. Following a DAC retreat in July, a comprehensive report was produced, highlighting strategies to address the principal concerns of the Faculty.

As part of this process, Associate Dean (Education), Professor Ralph Hall, began the work of clarifying and simplifying the undergraduate teaching program. Several Schools have initiated or implemented major curriculum reforms. Professor Hall

also provided an analysis of the Faculty teaching evaluations, which can be used within Schools to monitor teaching quality, and added postgraduate coursework issues to his portfolio.

Under the leadership of the Faculty's Presiding Member, Associate Professor Damian Grace, several successful Faculty Forums were held, providing the opportunity for staff and student representatives to meet and share views on important Faculty issues.

A key role in the management of the Faculty was filled with the appointment of Christine Kerr (Dustin) as Senior Accountant. As a result, new budget and financial management systems have been developed and are being evaluated.

The important and developing relation between the Faculty and the broader community gained a particularly high profile during 2002. UNSW's Community Development Project, a partnership between the Faculties of Arts and Social Sciences, Built Environment (FBE) and the New South Wales Department of Housing, was opened at the Waterloo Housing Estate in November. Under the leadership of Dr Eileen Baldry (School of Social Work), together with FBE colleagues, the project provides support and assistance to Waterloo residents for community development and improvement, and project experience and practical training for UNSW students.

The Centre for Refugee Research (School of Social Work), headed by Dr Eileen Pittaway, was awarded

\$56,000 from the Premier's Department to produce educational video kits for use in primary and secondary schools. Dr Pittaway also shared an ARC Linkage Grant to examine sexual violence and torture experienced by refugee women and served as Moderator for a Working Session on the Asia-Pacific at the Pre-Executive Committee Meeting of the United Nations High Commission of Refugees.

The high-profile Dr Don Weatherburn, Director of the New South Wales Bureau of Crime Statistics and Research, was appointed as Adjunct Professor in the School of Social Science and Policy. His public lecture, 'Does Australia have a law and order problem?', held in the Scientia, attracted a full house and extensive media coverage.

Cross-Faculty collaboration and community-directed research was also recognised by the Australian Housing and Research Institute's \$125,000 award to Dr Alan Morris (School of Social Science and Policy), Dr Bruce Judd (Faculty of the Built Environment) and the Mercy Family Centre for a housing and homelessness project.

Other community outreach included 'The Great Debate about History' symposium for New South Wales secondary school history teachers and Year-12 students, organised by Associate Professor Juergen Tampke (School of History). The symposium included an 'historical truth' debate which was published as a feature article in the *Sydney Morning Herald*.

The achievements of several staff were also recognised during 2002. Associate Professors Bruce Scates and Rae Frances (School of History) received the Vice-Chancellor's Teaching Award and, subsequently, the Australian Award for University Teaching. Professor Janet Chan (School of Social Science and Policy), was elected a Fellow of the Institute of Public Administration and appointed a panel member of the Criminology Research Council, a member of the New South Wales Crime Prevention Council, and a part-time Commissioner at the New South Wales Law Reform Commission. She was also awarded a \$103,000 ARC Discovery Grant to conduct follow-up research on 'Police culture and professionalism: A study of recruits'.

In addition, Dr Michael Wesley (School of Politics and International Relations), was awarded an ARC Discovery Grant for fieldwork in Italy on 'The Persona of the State: Conceptualising the State in Industrial Relations'. Dr Rogelia Pe-Pua (School of Social Science and Policy), was awarded an ARC Discovery Grant of \$235,000 (with Geography and Macquarie University) to conduct research on spatial and social variation in the experience of racism in Australia, and a NSWGlobal Postdoctoral Fellowship was awarded to Dr Ann Murphy (School of Philosophy), for her work on 'The intersection of 20th century French thought, feminist theory and social and political philosophy'.

Emeritus Professor Rob Jordan (School of Theatre, Film and Dance), launched his book *The Convict Theatres of Early Australia, 1788-1840*.

Within the School of Music, Drs Dorottya Fabian and Emery Schubert, presented a paper on the

relationship between performance of dotted rhythms and perceived musical character at the European Society for the Cognitive Sciences of Music (ESCOM) and were recipients of the ESCOM Tenth Anniversary Award. Associate Professor Gary McPherson presented the keynote address at the Seventh International Conference on Music Perception and Cognition and was elected President Elect of the International Society for Music Education. Associate Professor Bob Walker presented the Grove Lecture, 'From Homer to Hollywood – the Evolution of Western Music Meaning' to the Fellows, staff and research students of the Royal College of Music.

The Faculty has also played host to two international conferences. The School of Music hosted 'The International Conference of Music Perception and Cognition' which attracted more than 240 delegates from 26 countries, while Dr David Cahill and Ms Blanca Tovas (School of History) convened an international conference entitled 'New World, First Nations: Native Peoples of Mesoamerica and the Andes under Colonial Rule'. A follow-up conference is planned for Mexico City.

No major economic problems or other issues concerning the Faculty's management and operational objectives have arisen during 2002.

FACULTY OF THE BUILT ENVIRONMENT

The Faculty of the Built Environment (FBE) launched the revised Master of Real Estate with a specialisation in Facilities Management. The Master of Real Estate and Master of Construction Management were the first programs offered by an Australian institution to be accredited by the UK's Royal Institute of Chartered Surveyors (RICS), the premier accreditation institution in the built environment.

In addition, three undergraduate programs received continuing accreditation from professional bodies following review: Architecture (from the Royal Institute of Architects); Building Construction Management (from RICS); and the Planning and Urban Development program (from the Planning Institute of Australia). All three programs have been reviewed to better reflect industry needs. In particular, the planning degree changed in two important ways. First, the existing award of Bachelor of Town Planning (BTP) was changed to Bachelor of Planning (BPlan) – a more contemporary, accurate, inclusive and flexible label for the program's curriculum for some time now. Secondly, the curriculum was reconfigured and strengthened, especially in the first two years, with an increase in the proportion of 6 Unit of Credit courses.

From the start of 2002, a group from the discipline of geography was incorporated into the Faculty as a result of the restructuring of the Science Faculty. The focus of this group is human geography and natural resource management with a range of industry-linked research, both locally and in the Asia-Pacific Region.

Postgraduate research students presented papers at international conferences and conducted fieldwork in a variety of situations, ranging from Sydney hospitals to rural Thailand and disaster-relief housing in Japan. FBE Research Groups further developed their roles and operations. Retreats were trialled and proved popular with staff and students.

The FBE Quality Task Force, a Faculty initiative, provided funding for six staff development projects, ranging from 'Understanding and evaluating characteristics of academic excellence in student design projects'

to 'An e-book and e-learning for construction technology'. In all, 12 academics were involved in these projects and represented most of the Faculty's teaching areas.

Faculty staff were formally recognised for their contribution to excellence in teaching. In the augural UNSW Awards to support the Enhancement of Student Learning in First Year Teaching, Ann Quinlan, in association with Undergraduate Program Heads Linda Corkery, Rob Freestone, Desley Luscombe, Paul Marsden, Bruno Parolin, Harry Stephens and Jonathon Talbot, was awarded a grant for the Science Square Installation Project. Deo Prasad and Steve King received a grant for the Faculty Start Up Program and Bob Zehner, an urban planner, was acknowledged with a Vice-Chancellor's Award for Teaching Excellence for his rigorous and up-to-date approach to education, professional dedication and deep concern for students as individuals.

The Faculty continued to build strong links with other universities, notably through the highly successful Australian Housing and Urban Research Consortium with the University of Western Sydney. Professional development short courses on urban planning were contracted for senior and mid-level officials of four Chinese and one Indonesian delegation.

The 'Sydney Green Olympic Experience' seminar, a joint venture between the Faculty and Tsinghua University, China, was held in May over three days and brought together Australian senior practitioners, Faculty academics, and speakers from Tsinghua Schools of Architecture, Construction Management and Civil Engineering. It was attended by members of the Beijing Organising Committee for the 2008 Olympic Games, Chinese government officials

and those planning to participate in the construction, design and planning of the Olympic venues.

COLLEGE OF FINE ARTS

2002 saw the continued development of the College of Fine Arts (COFA) campus and its research programs. Amongst the prestigious competitions, awards and grants won by staff and students during the year were seven ARC Discovery grants, an unprecedented success for a fine arts faculty. Student demand for places in the undergraduate and graduate courses within COFA's Schools was stronger than ever.

In 2002, COFA received University approval for a major redevelopment on the Paddington campus. Work is scheduled to begin in 2004 on a new building that will become the University Art Museum and a very successful start to fund-raising was made.

In a demanding first year, the iCINEMA Centre for Interactive Cinema Research began work on its first project, confirmed and extended its funding, and won a second ARC Discovery grant. International Drawing Research Institute (IDRI) staff took part in an international colloquium organised by the Glasgow School of Art, an IDRI partner, and taught at the Central Academy of Fine Arts, Beijing, the third IDRI partner.

Research students and staff of the School of Art continued to enjoy an abundance of exhibition and publication successes. Examples include student Maria Kontis, awarded an Anne and Gordon Samstag International Visual Arts Scholarship; Bonita Ely, selected to participate in 'Fieldwork: Australian Art 1968 – 2002', the first exhibition at The Ian Potter Centre at the new site of the National Gallery of Victoria; and Dr Idris Murphy, who was the subject of a film and an associated travelling

exhibition entitled *Two Thirds Sky: Artists in Desert Country*.

The School of Art Education's research community maintained its active profile, led by Associate Professor Neil Brown, who was awarded an ARC Discovery grant. There was a strong showing from postgraduate students, who presented at national and international conferences and published their research. The COFA ARTEXPRESS exhibition continued its record of attracting ever-larger crowds. The increasing number of visitors from non-metropolitan schools is a reflection of the School's on-going outreach to regional NSW.

This year five staff of the School of Art History/Theory were awarded ARC Discovery Grants, adding to the four won since 1999. Dr Sue Best won the prestigious Art Association of Australia and New Zealand prize for the most significant journal article published in 2001. Dr Jill Bennett was elected President of the Art Association of Australia and New Zealand for 2003, and also heads the new Centre for Contemporary Art and Politics. Dr Alan Krell's *The Devil's Rope: a cultural history of barbed wire* was published in the UK and Australia.

The School of Design Studies had a strong focus on developing teaching online and for First Year students. Several staff were awarded UNSW fellowships that allowed them to work intensively in these areas. In addition, staff member Leong Chan was awarded an ARC Discovery grant. Students also enjoyed significant success with Sandra Brown, Charmaine Header and Zoe Veness, exhibiting at Object Gallery.

Staff of the School of Media Arts also won awards and grants in 2002, including two small ARC grants, and two Australia Council for the Arts

grants. Students were represented in exhibitions at the Art Gallery of New South Wales and the Museum of Contemporary Art. 2002 was also the first graduation year for the Bachelor of Digital Media, established in 1999.

The UNSW Ivan Dougherty Gallery's 2002 program was highly successful, drawing more than 9000 visitors and excellent reviews. The program included international and national touring exhibitions, and the year ended with an exhibition and auction to raise funds for the new University Art Museum. COFA's exhibition program also included an array of shows at the COFA Exhibition Space, the Students' Association's Kudos Gallery, and from the end of the year, a new gallery, 'Three Foot Square', established by students and staff.

FACULTY OF COMMERCE AND ECONOMICS

2002 has been a period of enormous change and growth for the Faculty. In February, Professor Greg Whittred was appointed Dean and since then a new vision, mission and set of values have been established to set the course for the next five years.

The Faculty Vision is to be the leading business faculty in the Asian region – a compelling place to work, to learn and to return. Our mission is 'Through excellence in scholarship, to enhance the capability of our students and staff to add value to the organisations, professions and communities in which they aspire to leadership roles'.

As a community, the Faculty values collegiality and diversity, but there are also other ties that bind us together, capture our shared values and which we seek to instill in our students: teamwork, innovation, excellence and scholarship.

In July, the Faculty Advisory Board's new Charter and Action Plan were formally adopted and Warwick Negus was appointed Chair. An

Alumni and Corporate Relations department was established in recognition of the increasing importance of building and sustaining links with key stakeholders.

A comprehensive review of key Faculty programs and activities is being undertaken. A review of post-graduate programs commenced in 2002 with significant changes planned for 2004 implementation. In 2002, the Faculty began administering the Master of Business Technology (MBT), a joint program with the Faculty of Engineering. The MBT offers highly flexible course delivery offered part-time, and primarily, by distance mode. A review of undergraduate programs will commence in 2003. A review of IT services was also undertaken and a new IT Strategy will be implemented in 2003.

The Faculty was a strong performer in research grants: 10 ARC Discovery grants were secured; four Faculty staff were participants in Discovery grants with other partner institutions; four major ARC Linkage grants were awarded and, in a somewhat unusual move, Professor Denzil Fiebig (School of Economics) was part of a team awarded a substantial NHMRC Grant.

Five of the Faculty's academic staff won best-paper awards in recognised journals or at key conferences and Professor Peter Swan (School of Finance) was honoured with the title of Scientia Professor, in recognition of his outstanding research performance. The Faculty graduated 17 PhD students.

Five staff won UNSW teaching grants, Liz Carson (School of Accounting) received a national award for excellence in Accounting Education and Dr Prem Ramburuth (School of International Business) received the Vice-Chancellor's Award for Teaching Excellence.

The Faculty announced 11 new professorial appointments, with a particular focus on building capability in the Schools of Accounting and Banking and Finance.

In 2002, the Commerce and Economics Preparation Program for Indigenous Students (CEPP) was developed and launched and will be offered for the first time in 2003.

The Indigenous Scholarship Appeal Fund was established with generous support from the Ryan family, and three additional scholarships were provided by the Commonwealth Bank, AMP Foundation and Qantas. The Lee Whitmont Scholarship in Marketing was announced at a special ceremony in June.

FACULTY OF ENGINEERING

2002 was an exciting year for the Faculty UNSW was a leading partner in the consortium (including the Australian National University (ANU) and New South Wales and Australian Capital Territory Governments), which won the bid to operate the new National Information Communications Technology Australia (NICTA) centre of excellence, the ICT cornerstone of the Commonwealth Government's multimillion dollar 'Backing Australia's Ability' initiative. Professor Arun Sharma, former head of the School of Computer Science and Engineering became Director of NICTA's Sydney node .

Professors Martin Green and Stuart Wenham brought further distinction to the Faculty by winning a Centre of Excellence in Advanced Silicon Photovoltaics and Photonics. Professor Green was awarded a 'Right Livelihood Award' in Sweden for his outstanding success in solar energy research. Professor Wenham was appointed to a Scientia Professorship, as was Professor Tom Davis, Director of the Centre for Advanced Macromolecular Design (School of

Chemical Engineering and Industrial Chemistry). Dr Phil Helmore (School of Mechanical and Manufacturing Engineering's Naval Architecture Group), was also a recipient of the Vice-Chancellor's Award for Teaching Excellence.

During the year, the Faculty was successful in its bids to the Cooperative Research Centre's (CRC) round. A new CRC for Spatial Information Systems led by Professor Chris Rizos (School of Surveying and Spatial Information Systems) was established in collaboration with the University of Melbourne and industry partners. The CRC for Petroleum Engineering was transformed into the CRC for Greenhouse Gas Technologies, involving staff from the Schools of Petroleum Engineering and Chemical Engineering and Industrial Chemistry. In recognition of its importance in Australia's aerospace initiatives, the CRC for Advanced Composite Structures, led by Professor Don Kelly (School of Mechanical and Manufacturing Engineering), gained funding for a 'third' life under the scheme. The work of Professor Neil Foster (School of Chemical Engineering and Industrial Chemistry) and his strong collaborative links with industry were recognised by the establishment of the UNSW/Eiffel Technologies Laboratory for Research in Supercritical Fluids.

The Faculty was also successful in the ARC Discovery and Linkage Grant rounds. Professor Branko Celler, Head of the School of Electrical Engineering and Telecommunications, received the largest UNSW grant for his project 'Adding health dimension to integrated automation solutions for intelligent homes'. Following a successful pilot in Wagga Wagga, the Home Telecare Program was launched by

the Federal Minister for Health, Senator Kay Patterson in August. Associate Professor Nick Ashbolt (School of Civil and Environmental Engineering), won the largest grant to a University under the Innovation Access scheme for a project on drinking water risk management.

Several changes in the senior staff occurred during 2002. Associate Professor Robin Ford was appointed Head of the School of Mechanical and Manufacturing Engineering, on the retirement of Professor Kerry Byrne. Professor Jim Galvin, Head of the School of Mining Engineering, resigned to focus on minerals education initiatives, Professor Paul Compton, Associate Dean (Research) became Head of the School of Computer Science and Engineering following the departure of Professor Arun Sharma to NICTA, and Professor Tony Fane was appointed to a Tamasek Professorship at Nanyang Technological University in Singapore.

New appointments included Professor Rob Burford (Associate Dean, Research Planning and Strategy) and Associate Professor Dianne Wiley (Associate Dean, Research Training) while Associate Deans Tim Hesketh (Academic) and Rod Chaplin (International) were re-appointed for a further term. The Dean, Professor Brendon Parker, was elected President of the Australian Council of Engineering Deans for 2003-2004. Gernot Heiser, was appointed Professor of Operating Systems (School of Computer Science and Engineering), and Marton Marosszeky appointed to the Multiplex Chair of Construction Innovation (School of Civil and Environmental Engineering). Professor David Trimm, a former Head of the School of Chemical Engineering and Industrial Chemistry, rejoined the School on

taking up his award of a Federation Fellowship, a joint appointment with CSIRO.

Student numbers grew in 2002 to 8,500 students with 650 engaged in research (138 more than 2001), although the decline in computer and telecommunications industries may lead to a reduced uptake in 2003. The Faculty continues to attract many outstanding international students and encourages Australian students to undertake part of their course in other countries. Scholarships awarded by the Dean have aided students to study in a language which is not their own.

International relationships were strengthened with a Faculty delegation to Japan's Tohoku University and staff visits to and from universities throughout the world. As part of an increase in international collaboration, the School of Mining Engineering, through the Minerals Tertiary Education Council, exchanged courses with other universities; the School of Computer Science and Engineering worked with the College of Fine Arts (COFA) and their international partners on interactive cinema; the School of Electrical and Telecommunications Engineering worked with Beijing University of Technology, China, to deliver a joint Masters Program in Telecommunications; and the Graduate School of Biomedical Engineering collaborated with the National University of Singapore, the Australian National University on Tissue Engineering, the Wales Heart Institute and the University of Cambridge on arterial distensibility.

In collaboration with the Aboriginal Education Program and Engineering Aid, the Faculty also hosted the Indigenous Students Engineering Summer School.

Students collaborative projects continue with highlights including

the BlueSat micro-satellite team's invitation to an international conference in the Ukraine, the installation of solar energy systems in Nicaragua and being runners-up at Robocup (having won for the previous two years) in the international legged-robot soccer team.

The Faculty is developing a new strategic plan. Among its principle objectives are the identification and support of key research themes and the guiding of curriculum development. Initiatives include a more rigorous induction program for new research students and an opportunity for them to develop non-technical skills relevant to their career aspirations. New undergraduate offerings are likely to include a BE/BCom.

Sustaining research and teaching infrastructure remains a challenge. The Faculty requires Schools to earmark 10 per cent of their budgets for teaching and research equipment and to provide substantial leverage for groups bidding for grants under the ARC Linkage-Infrastructure Equipment and Facilities (LIEF) scheme. There is currently insufficient space for student projects or postgraduate coursework students and our continued success in gaining research grants exerts further pressure on the available accommodation.

In May, a 50th anniversary re-enactment was held for the Faculty's first graduating class, attended by 21 of the 38 original graduates. In November, a dinner was held for alumni and the Faculty awarded a PhD to Dr Ron Fitch who at 92, was believed to be the world's oldest PhD graduate. The University also awarded Wal King, CEO of Leighton Holdings, an Honorary Doctorate in Engineering.

Alumni continued to bring distinction to the Faculty. At the IEAust Engineering Excellence Awards, three of the four individual awards

were presented to graduates of the School of Civil and Environmental Engineering with Ms Eva Hanly, a recent graduate of the School winning the National 'Outstanding Woman of the Year Award'.

FACULTY OF LAW

2002 marked a year of change for the Faculty with Professor Paul Redmond stepping down as Dean in February, and the appointment of a new Dean, Professor Leon Trakman, previously Professor of Law at Dalhousie Law School, Canada. Harvard trained, Professor Trakman is an international commercial arbitrator and mediator who has published widely on commercial dispute resolution, constitutional jurisprudence and trade law.

The Landerer Fellowship in Law was established with a donation from Mr John Landerer, CBE AM. The inaugural Landerer Fellow is Dr Meiring de Villiers, a multi-award winning academic from Stanford University and international leader in technology, finance and the law. A generous gift by James Ingram AO and Odette Ingram has led to the establishment of The Ingram Fund for International Law and Development. Within the Fund, the Ingram Visiting Fellowship will enable international personalities, eminent scholars or diplomats to visit the Faculty.

Several new student scholarships were established including the Dixon Family Scholarship to encourage law students to undertake a major in Political Science, English Literature or History; the UNSW Law Society Scholarship, established with an endowment including contributions from the student-run Law Society; and two Ritchie Family Scholarships to encourage Indigenous Australians to undertake studies in Law at UNSW and to contribute to the advancement of Indigenous communities throughout Australia.

The Law School continued to gain academic honours including Professor Martin Krygier's election as a Fellow of the Academy of the Social Sciences in Australia and Ms Prue Vines' Vice-Chancellor's Award for Teaching Excellence. Dr Gary Edmond gained one of six NS Global Postdoctoral Research Fellowships awarded in 2002. The Hon H J Wootten, AC QC, Foundation Dean of the Law Faculty, was awarded the 2002 Justice Medal presented for outstanding achievement in improving access to justice to disadvantaged people in New South Wales. Mr John Longworth, Kingsford Legal Centre volunteer, won the Combined Community Legal Centres Group New South Wales Award.

Professor Graham Greenleaf was awarded a major ARC Linkage-Infrastructure Equipment and Facilities (LIEF) grant, as well as UNSW Capital Grants Scheme funding for his leading international research on computerised access to legal information.

New staff appointments added to the publishing and teaching strengths of the School in the fields of Banking Law, Feminist Legal Theory, Media and Broadcasting Law, Restitution, Contracts Law, Criminal Law, Evidence Law, Torts Law, Medical Law, Arts, Culture and Law, Administrative Law and Human Rights. Academic staff continued to publish in front-rank journals and essay collections, including the publication of Brown and Wilkie's *Prisoners as Citizens: Human Rights in Australian Prisons* and Anderson, Hunter and William's *The New Evidence Law*, Blackshield, Coper and Williams' *Oxford Companion to the High Court* and Rossiter's *Principles of Land Contracts and Options in Australia*.

Professor Trakman has focused on development and alumni relations,

both locally and internationally. In London in September, Professor Trakman and the Australian High Commissioner hosted a reception at Australia House for UNSW Law alumni, academic colleagues from English universities, the Bar and the profession. A similar reception was held for alumni in Hong Kong, and in Singapore Professor Trakman initiated alumni relations with the Australian High Commissioner there.

In 2002, the Freehills Visiting Fellow was Professor Jesse H Choper, the Earl Warren Professor of Public Law, and former Dean of the UCLA Law School, Berkeley. Professor Alan Brownstein, a constitutional scholar from the Law School, University of California, Davis, was also appointed as a Visiting Professor. Another successful Hofstra/Erasmus Summer School was held and Sir David Williams' public lecture in August 2002 on 'Public Law and Terrorism in the UK' was a landmark event.

Student Ms Ingrid Barnsley became our fifth Rhodes Scholar in six years and Mr Ben Heraghty (*LLB '01*) won a 2002 Fulbright Scholarship. Ms Phoebe Arcus won the prestigious Maxim Tarasenko Award for her essay 'The American National Missile Defence System'. Ms Amanda Alexander won the ANZ Society of Criminology student paper prize and Ms Bassina Farbenblum gained the only annual Lionel Murphy overseas scholarship awarded in 2002. Mr Andrew Arcuri, one of only 100 students worldwide to receive a prestigious Goldman Sachs Global Leaders award, joined the top 50 of these students at a New York Conference in July on global principles for business and government. The 2002 Graduand Award went to Ms Mia O'Brien, and Ms Rosalind Dixon was awarded the 2002 University Medal. Finally, our student team reached the grand final

of the 11th Manfred Lachs International Space Law Moot Court Competition in Houston, Texas, USA.

New Master and Diploma in Legal Studies programs were introduced for practitioners across a range of professions from accountants, architects and engineers to journalists, town planners, teachers and IT specialists, who wish to acquire a sound knowledge of the law for their professional life.

The Faculty held its annual Indigenous Pre-Law Program to encourage Indigenous students to enter the Law Program. The Indigenous Law Centre continued the publication of the *Indigenous Law Bulletin* (with financial assistance from ATSIC) and the *Australian Indigenous Law Reporter*, and the development of its project to produce plain-English texts on themes of land, equality, culture and politics to be published under the banner 'Unfinished Business of Reconciliation: Legal Dimensions'.

Through its Diplomacy Training Program (DTP), established by José Ramos-Horta in 1989, the Faculty made a valuable contribution towards peace and stability in the Asia Pacific, conducting two major courses for human rights NGOs from the region. Partnerships with the University of Colombo, Lawyers for Human Rights and Development, Colombo, and Friedrich Ebert Stiftung, Colombo, assisted with a DTP training in Sri Lanka in February attended by 27 human rights NGO leaders from the Asia Pacific.

In 2002, the Gilbert + Tobin Centre of Public Law played a prominent, independent role in public debate on issues vital to Australia's future including: anti-terrorism legislation, Bills of Rights, the reconciliation process and international law as it affects the Australian

legal system. The Centre began work on projects funded by three separate ARC grants. These projects are also supported by partnerships with organisations including the Electoral Council of Australia, Reconciliation Australia, the Australian National University and the Jumbunna Indigenous House of learning at the University of Technology, Sydney. The Centre held conferences in February on recent decisions in the High Court and in June on an Australian Bill of Rights. In December, a conference on electoral law, the first of its kind to be held in Australia, attracted more than 100 leading academics, practitioners and electoral administrators from around the country. The Australian Human Rights Centre assisted with the Bill of Rights Conference and preparing the papers for publication in a special issue of the *Australian Journal of Human Rights*.

The Kingsford Legal Centre began a new Student Advocacy Scheme through Waverley Local Court where students at the Centre represent clients pleading guilty in simple criminal cases.

2002 marked the first full year of operation of the Baker & McKenzie Cyberspace Law and Policy Centre and it saw the appointment of inaugural executive director, Mr David Vaile. Collaborating with the National Office of the Information Economy, the Communications Law Centre, many contributors from the legal profession and academia, and its sponsor Baker & McKenzie, the Centre delivered a series of symposia, conferences and seminars. The Centre also initiated significant research in 2002.

The death in June of Dr Peter Nygh after a short illness represented a significant loss to the Law School and the profession. Dr Nygh was a distinguished visiting professor at

UNSW Law over many years and a foremost authority on conflict of laws.

The Faculty of Law wishes to thank the many law firms, organisations and individuals who continue to offer their support. Financial support from firms including Gilbert + Tobin, Baker & McKenzie and Freehills is once again acknowledged with gratitude.

ATAX, AUSTRALIAN TAXATION STUDIES PROGRAM

ATAX course offerings have been enhanced with the introduction of face-to-face evening classes in the Sydney CBD for postgraduate students and the continued roll-out of additional online courses. ATAX was again ranked very highly by its students across all programs in both the Course Experience Questionnaire and the Graduate Destination Survey.

Improving the transition to tertiary study for undergraduate students has been another focus for ATAX in 2002, assisted by the UNSW funding of the development of a program of workshops to improve study, research, problem solving and writing skills for First Year students. The workshops, coupled with a new peer-mentoring program, equip students with transportable skills for their study and work situation. A new Masters program in Applied Taxation, to be offered in partnership with the Institute of Chartered Accountants, was developed during the year and is scheduled to become available in 2003.

A critical strength of ATAX in the past has been its multidisciplinary focus and the considerable reputation of its teaching and research staff. The appointment in 2002 of four new academic staff with legal and accounting backgrounds further added to this already substantial reputation, bringing to ATAX strengths in superannuation, income

tax, international tax and taxation in China.

ATAX staff were heavily involved in tax research throughout the year, with conference papers presented throughout Australia and in Paris, Auckland, San Francisco, Ho Chi Minh City, Cambridge, Beijing and Bologna. Major research projects were successfully carried out for the New South Wales Government, the Australian Taxation Office, AusAID, the Chinese Budget Affairs Commission and State Development Planning Commission, and the Government of Tonga. ATAX and its staff also continued to have a major voice in all aspects of tax reform in Australia through membership of committees and working parties and through its active professional education program, which in 2002 included the organisation of major conferences on tax administration and GST.

FACULTY OF MEDICINE

During 2002, the Faculty recognised the outstanding achievements of several staff members. Dr Liz Tancred received a Vice-Chancellor's Award for Teaching Excellence and Associate Professor Levon Khachigian was awarded the Gottschalk Medal from the Australian Academy of Science in recognition of outstanding research in medical sciences by scientists under 40 years of age. Professor Gavin Andrews was awarded a Scientia Professorship. The Faculty also appointed two new Heads of School; Professor Anthony Zwi in the newly-formed School of Public Health and Community Medicine and Professor Philip Mitchell in the School of Psychiatry.

The Faculty enjoyed success in the 2002 NHMRC round with five-year grants awarded to Professor Gordon Parker (School of Psychiatry) who received \$7.7M for research into depressive disorders and Professor Roland Stocker (Centre for

Thrombosis and Vascular Research) whose \$7.1M grant will allow research into the relationships between lipoproteins and atherosclerosis. The Biomedical Mass Spectrometry Unit (BMSF), recently classified by the Commonwealth Government as a Major Australian Research Facility and included as a node in the successful Major National Research Facilities application from the Australian Proteome Analysis Facility, received almost \$4M in competitive Commonwealth funding, including the Department of Education, Science and Training (DEST) Systemic Infrastructure Initiative.

Three of the 16 Fellows elected to the Australian Academy of Science for 2002 were Faculty staff; Scientia Professor Eugenie Lumbers (School of Medical Sciences), Professor Robert Graham (Executive Director, Victor Chang Cardiac Research Institute) and Professor Robert Sutherland (Senior Principal Research Fellow in cancer research, The Garvan Institute for Medical Research).

The major Faculty initiative in teaching, the development of a new undergraduate medical curriculum, was formally endorsed by the University Council during 2002. Pilot teaching sessions were conducted in July and October and later evaluated. Further elements of the new teaching approaches will be gradually introduced for later year MBBS students during 2003. The new Medicine program will commence for the Year 1 intake in 2004 and will involve all students by 2006.

Student selection into the MBBS program for 2003 was successfully conducted under the Faculty's new selection process which incorporated UAI, University Medical Admissions Test and a semi-structured interview. Approximately 90 volunteer interviewers were trained to perform the

interview, half from within the Faculty and half being members of the community. In total some 500 applicants were interviewed.

The first group of three students participating in the Faculty's new exchange program with the University of Oslo completed both their Paediatric, Obstetrics and Gynaecology terms there. Of the three Norwegian students who participated in this program, one has been accepted to complete the sixth year of the MBBS Program at UNSW. Six students from each university are preparing to participate in the 2003 exchange.

Dr Andrew Cole took up the development and coordination of the BSc in Prosthetics and Orthotics, following the sudden death of Dr David Garlick, who was also key to the development and operation of the Sports Medicine postgraduate program. Enrolments in the Health and Sports Science undergraduate course have increased and Associate Professor Stephen Boutcher has provided excellent leadership for that program.

The Medical Student Aid Program continued raising funds and goods-in-kind for partner hospitals in developing countries, including a new partner hospital in Ghana. More than \$15,000 was raised in cash, with \$100,000 in targeted equipment.

Public support of the Faculty's research has led to the establishment of two new scholarships; the Beth Yarrow Memorial Scholarship in Medical Science and the Lorrie Fay Memorial Kidsafe NSW Scholarship.

Development of alumni links with the Faculty have continued and included reunion dinners for the classes of 1977 and 1982.

FACULTY OF SCIENCE

2002 was an important and exciting year for the Faculty with celebration, consolidation, achievement and new beginnings. In May, the Faculty

celebrated the 50th Anniversary of the University's first graduation ceremony in 1952, with a re-enactment for our alumni which also provided an opportunity to recognise the achievements and contributions of the Faculty's foundation scholars.

It was also a year for the implementation of major changes in the organisation and management of the new Faculty of Science, including the appointment as Dean of Professor Dennis Lincoln, former Deputy Vice-Chancellor (Research) at Griffith University. Following the disestablishment of the Faculties of Life Science and Science and Technology and their consolidation into the new Faculty of Science in 2001, a number of Schools were merged with effect from January 2002. Two major changes involved the formation of the School of Biotechnology and Biomolecular Sciences (BABS) and the School of Biological, Earth and Environmental Sciences (BEES). This restructure generated a laboratory-based Faculty that compares in scale and endeavour with Engineering and Medicine. The Faculty, with its nine Schools, associated Centres and Departments employs 637 staff, including 337 academic appointees.

The Faculty has maintained considerable strength in the enabling sciences of mathematics, physics and chemistry. Compared to their dramatic decline at other tertiary institutions, the School of Mathematics is the largest in Australia and is ranked by independent authorities as the country's leading research school and among the top 30 worldwide. A major function of the Schools of Mathematics, Physics and Chemical Sciences is service teaching to other Faculties, including Engineering, Medicine and Commerce.

The applied Schools of the Faculty (Schools of Psychology, Optometry and Vision Science, and

Materials Science and Engineering) continued to attract strong support from their professional disciplines. The School of Psychology is pre-eminent in education and experimental research. Its educational programs are renowned for the quality of their team teaching and evaluation, while its research, based on citations, places the School within the top 100 comparable institutions in the world.

The Faculty, through the commitment of its staff, exercises a strong role in the affairs and profile of the University. The President of Academic Board is a member of the Faculty as are Chairs of six of the seven Standing Committees. Faculty staff have been especially active in advancing new teaching and learning initiatives and hold a considerable proportion of the University Innovative Teaching and Educational Technology (ITET) Fellowships. Three of the seven Vice-Chancellor's Teaching Awards (Julian Cox (Chemical Sciences), Gail Huon (Psychology) and Joe Wolfe (Physics)), and three of the eight UNSW Scientia Professorships (Victor Flambaum for contributions to theoretical physics, Barbara Gillam for studies of visual processes and Staffan Kjelleberg for work on adaptive responses and signaling between bacteria) were awarded to Faculty members.

The Faculty and its staff attracted many national and international honours in 2002. Professor Michael Banner won the American Meteorological Society's Sverdrup Gold Medal for his work in wave dynamics. Dr Jim Franklin's book *The Science of Conjecture: Evidence and Probability before Pascal* reached 18th position on Amazon.com's best-seller list. Professor Michael Archer (School of Biological, Earth and Environmental Sciences) Director of the Australian Museum

was elected Fellow in the Australian Academy of Science. In addition, Emeritus Professor Heinrich Hora received the Silver Dirac Medal at UNSW and the Ernst Mach Medal in Prague in honour of his work in theoretical physics. Professor Brien Holden and the Cooperative Research Centre for Eye Research and Technology (CRCERT) team received the Award for Technology Transfer from the CRC Association for developing a contact lens designed for continuous (monthly) wear which is now available in 40 countries worldwide. Professor Fred Westbrook (School of Psychology) was elected Fellow of the Academy of Social Sciences in Australia.

The Faculty was successful in attracting external funding in 2002. As one of the eight ARC Centres of Excellence, the Centre for Quantum Computing (School of Physics), received a further five-year, \$13M award. The School of Mathematics established itself as a major partner in the Centre of Excellence for Complex Systems hosted by the University of Melbourne. The Faculty also gained from the Cooperative Research Centre awards with the Vision CRC (School of Optometry and Vision Science), receiving \$32M over seven years, the largest award ever made under the program. The Environmental Biotechnology CRC received 19.5M over seven years, with a significant amount of the work to be conducted by BEES and BABS researchers, while the CRC for Spatial Information, hosted by the University of Melbourne, will draw heavily on research with BEES and the Centre for Spatial Systems.

The highly successful Outreach Centre for Science programs attracted increased numbers of school students and collaborations with industry, leading scientific organisations and the community. The 2002 Science in

the City program, held during National Science Week in association with the Australian Museum, the University of Sydney and other institutions, attracted 20,000 participants. The inaugural UNSW and Australian Museum Science Week Lecture was presented by Young Australian of the Year, Scott Hocknull on 'Resurrecting the Rock Jock: The Future of Australian Palaeontology'.

Science@UNSW was the invited science host partner and exhibitor for The Volvo Ocean Race and the International Volvo Ocean Adventure Exhibition and School competition, held at Darling Harbour. The US Jason Project, which Science@UNSW runs for State primary and secondary schools, involved 2,000 students spending time on campus. Other outreach programs included the Siemens Science Experience, Marine Discovery Centre, Children's Discovery Centre, Chaos Science Shows, Chemistry in Action, StarLab and the distribution of the Science@UNSW *Chaos* magazine to schools across New South Wales. In addition, HSC Teacher Workshops involved more than 150 teachers spending time on campus.

AUSTRALIAN GRADUATE SCHOOL OF MANAGEMENT

AGSM commenced its twenty-sixth year of operation in 2002 with a record intake of 157 students in its flagship full-time MBA program.

In May, the Federal Minister for Education, Training and Science, Dr Brendan Nelson, officially opened AGSM's new \$3.1M Sydney CBD campus at 1 O'Connell Street. The state-of-the-art teaching and learning facility is the latest of AGSM's national teaching campuses in all Australian mainland capitals and its fifth in Sydney. It will enable AGSM to forge even closer ties with the business community.

The School's Silver Anniversary milestone was an opportunity to

review its marketing strategy, which resulted in a contemporary brand based on a '25 Brilliant Years' logo and a 'Shine On' slogan. The new branding was reflected in all the School's marketing material, including its website, which was overhauled in March.

AGSM hosted a range of celebratory festivities and events including a reunion of its pioneering class, faculty and staff from 1977, and a tribute dinner for the School's many supporters and stakeholders.

In addition to its significant annual pool of student scholarships, a further \$100,000 in Silver Anniversary Scholarships was offered for students from socially disadvantaged or under-represented groups.

In September, AGSM became the first Australian business school to be awarded international accreditation by the Association to Advance Collegiate Schools of Business (AACSB). This represents an independent and widely-accepted attestation of AGSM's benchmark of quality standards in management education.

A review of the School's MBA program led to a seven-month reduction in completion time from 22 to 15 months, allowing students a shorter career hiatus. The program's curriculum was also revised to reflect contemporary business trends.

AGSM continued to perform well in national and international business school rankings during 2002, firmly establishing itself as the premier graduate school of management in Australia. The prestigious *Financial Times* (UK) ranked AGSM's MBA (Executive) in the top 15 in the world for the second year in a row. The Graduate Management Association of Australia's (GMAA), also gave AGSM's full-time MBA a maximum five-star quality rating.

AGSM placed in the top band of *The Australian Financial Review*

BOSS magazine's inaugural business school survey, and it retained its number one position in Australia in the annual *Asia-Inc.* magazine ranking

The School also ranked 33rd in the world for its open-enrolment and customised corporate education programs, which was the highest placement for an Australian business school in the third *Financial Times* (UK) rankings.

Professor Robert Kohn was elected a Fellow of the Institute of Mathematical Statistics for his valuable contribution to statistics research over 20 years. AGSM's Dean and Director Professor Michael Vitale was elected a Fellow of the Association for Information Systems. Professor John Roberts was appointed Academic Trustee of the US-based Marketing Science Institute.

AGSM's faculty continued its strong research output in 2002 with one book, nine book chapters, 39 journal articles, four conference papers, and more than 160 various items in progress.

Senior Lecturer, Dr Robert Westwood was awarded \$65,500 from the Sir Maurice Byers Research Fellowship to conduct an 18-month study on performance indicators for New South Wales police recruits.

Professors Robert Wood and Simon Sheather shared the School's inaugural faculty research award, while accounting cluster head, Professor John Lyon, won the Alumni Association Teaching Excellence Award.

There were three new appointments to the AGSM Board during 2002: experienced retail sector manager and Coles Myer Ltd Director, Patty Akopiantz; Westpac Bank's Group Executive New Zealand and Pacific Banking, Ann Sherry; and former business analyst and consultant James Robertson, who is the student representative on the Board.

Continuing its commitment to fostering links with industry and government, the School attracted several high-profile leaders as guest speakers during 2002 including Michael Chaney, Kim Beazley, David Gonski, Rosemary Kirkby, Julie Hammer, Rob Ferguson (appointed Executive-in-Residence in April), and two-time Pulitzer Prize-winning New York Times journalist and academic, Anthony Lewis.

In March, AGSM brokered a unique alliance between Stanford (USA), and Melbourne business schools to present a week-long corporate education program called Driving Corporate Growth, drawing on expertise from the three schools.

AGSM alumni chapters were established in four Australian states and one territory during the year, while international alumni branches were established in London, Hong Kong, PR China, Singapore and the USA. A reciprocal alumni networking agreement was also established with seven UK-based business schools, and Stanford and Harvard business schools in the US.

In December, the School embarked on a reorganisation of its management and operations to achieve across-the-board savings and more efficient delivery of its suite of education programs.

UNIVERSITY COLLEGE (AUSTRALIAN DEFENCE FORCE ACADEMY)

The major focus during 2002 was negotiations with Defence on the arrangements under which UNSW will continue to provide education services at the Academy. Although the Agreement has not been finalised, significant progress has been made. In light of projected outcomes, UNSW commenced a major process of change management to better position itself in the delivery of education services to Defence during the next ten years.

2002 saw the culmination of significant initiatives in conjunction with Defence. A Navy Junior Officer Vocational Educational Scheme was introduced, allowing midshipmen to complete Navy education requirements, the Academy Military and Education program and a UNSW degree within four years. A new contract with Defence to provide a Masters degree for Defence Aerospace Engineers through intensive residential courses was established. University College also commenced a three-year contract to deliver the Military Communication Program to cadets. This is separate to degree requirements and is part of the Military Education and Training Program designed to develop the knowledge and skills that underpin effective communication.

The results for the Academy in the University-wide 'Report on the UNSW Student Survey 2001' were pleasing with positive responses from undergraduate students across all criteria, especially in relation to access to, and enthusiasm of, lecturing staff.

Over the past four years, undergraduate numbers have declined from around 1200 to 827. The decline was predominantly due to the low intake in 2000 when there was no Navy General Entry for one year and recruitment in the other services was low. First year numbers increased substantially in 2001 and 2002 with the return of the Navy General Entry scheme. The recovery is expected to be substantially greater in 2003. Postgraduate research student enrolments have remained steady for the previous three years while postgraduate coursework student numbers have continued to grow.

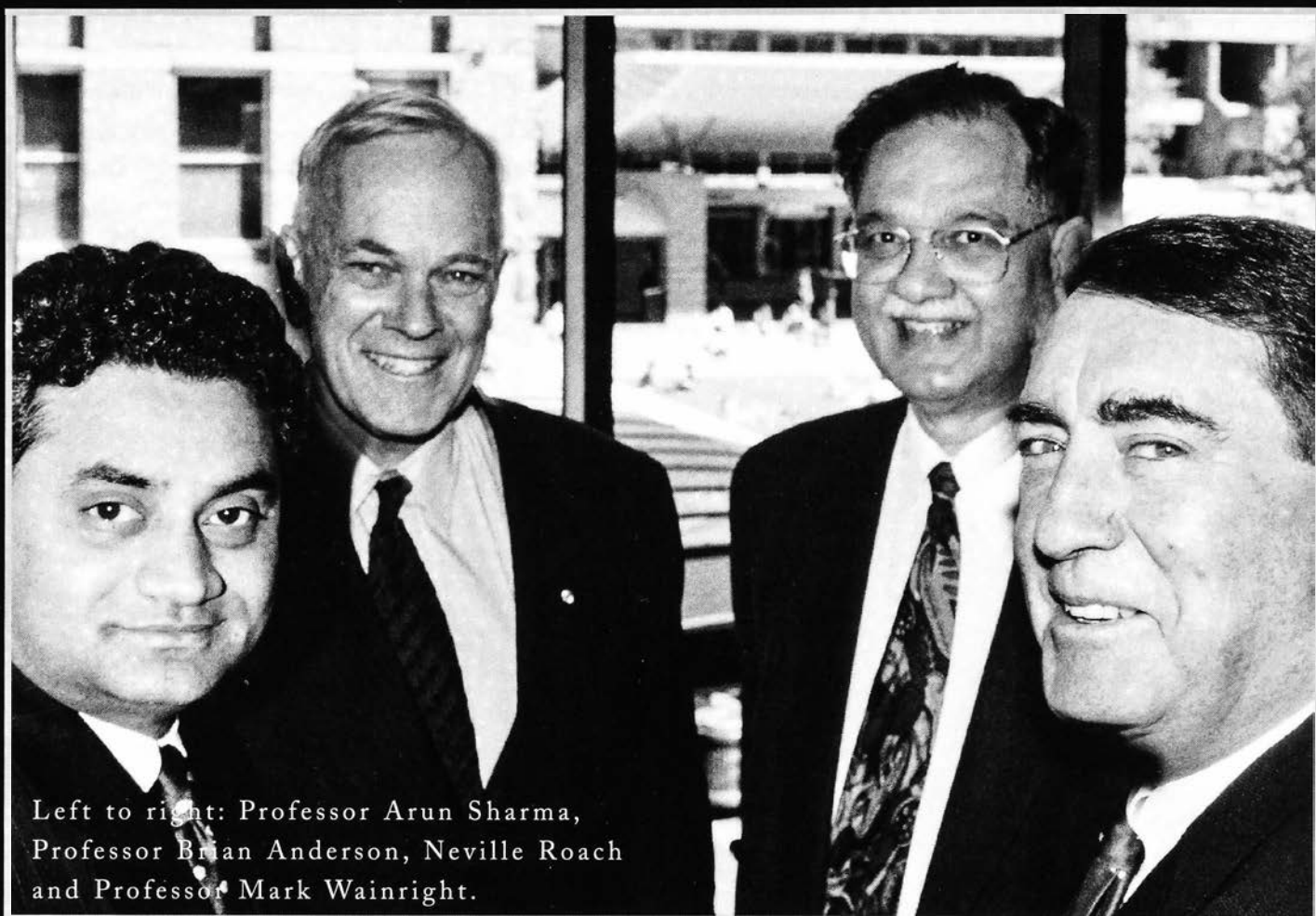
The Graduate Studies Institute, established to promote high quality academic programs and a comprehensive educational and support environment for postgraduate students, commenced a significant

redevelopment of the postgraduate coursework programs in 2002. The changes aim to ensure programs become matched to the evolving postgraduate education and professional development environments.

For the third year running, a UNSW graduate from the Academy, Lieutenant Adam Easton, was awarded a Rhodes Scholarship.

In the recent Australian Research Council major grant round, six grants were awarded directly to University College staff, with an additional three collaborative projects involving other institutions also funded. Applications for funding from the National Competitive Grants Programs increased substantially and demonstrated the clearer focus on research at the Academy.

The staffing profile at University College continues to change. While academic staff numbers remained constant in 2002, there was a significant decrease in general staff. In part this reflects a radical restructuring of student services. University College is about to implement a major process of restructuring, which will be reported next year.



Left to right: Professor Arun Sharma, Professor Brian Anderson, Neville Roach and Professor Mark Wainright.

UNSW 2002



UNSW is a *leading partner* in the consortium which will operate the new NATIONAL INFORMATION COMMUNICATIONS TECHNOLOGY AUSTRALIA (NICTA) centre of excellence. Dubbed *Australia's answer to Silicon Valley*, NICTA will provide a FOCUS for world-class research, *intellectual property* CREATION and research training in ICT.

RESEARCH CENTRES

There are 56 UNSW Research Centres, four NHMRC Programs, and 12 Research Centres established with external funding. Centres play a crucial role in developing the University's research potential by creating additional opportunities for conducting and supporting inter- and multi-disciplinary research and by enhancing the research training environment.

2002 was a very successful year for UNSW Centres. In May, National Information and Communication Technology Australia Limited (NICTA) was selected as Australia's first Centre of Excellence for information and communications technology. Co-located at UNSW, the Australian Technology Park in Sydney and the Australian National University (ANU) in Canberra, the Commonwealth Government is providing \$129.5M over five years with the aim of building a world-class information and communications technology research centre. UNSW and ANU are the founding university members of the NICTA consortium with the New South Wales and Australian Capital Territory Governments.

UNSW will also be a node of the Biotechnology Centre of Excellence based at the National Stem Cell Centre at Monash University. Other developments included the establishment of the Gilbert + Tobin Centre for Public Law and the incorporation of the Centre for Advanced Software Engineering Research into NICTA.

UNSW received two ARC Centres of Excellence awards with the Centres for Quantum Computer Technology (\$14M) and Advanced Silicon Photovoltaics and Photonics (\$12M) funded for five years. UNSW researchers are also involved in the Centre of Excellence for Mathematical and Statistical Modelling of Complex Systems, based at the University of Melbourne, and the ARC Centre of Excellence for Autonomous Systems, based at the University of Sydney, making UNSW the university with the greatest involvement in these national centres of excellence.

The UNSW Research Centres have been undergoing a major academic and financial review. Following recommendations from the first series of reviews, six Centres have been disestablished. In addition, it has been determined that a number of Centres are apparently not conducting research, but act primarily as a coordinating or information centre, or conduct activities related to the community beyond UNSW. In the future, these Centres will be dealt with independently of the Research Centres and new guidelines will be developed.

In order to improve the financial reporting of Research Centres, new reports have been developed by the University's Financial Services Department which will provide a much clearer guide to directors, management committees and senior management. Earlier identification of

financial difficulties will be possible through a twice-yearly review process.

The externally-funded Centres remain well supported. Two National Centres for HIV Research (Epidemiology and Social Research) and the National Drug and Alcohol Research Centre received \$3M, \$0.86M and \$2M per annum respectively. These Centres are also extremely successful in other research activities, including research training.

UNSW is a major participant in 12 Cooperative Research Centres. In the 2002 competitive round for funding for CRCs, UNSW was awarded two new CRCs and five renewals to commence in July 2003. University College (ADFA) is the main base for the new Bushfire CRC and two of the five research programs in the CRC for Spatial Information are based and led at UNSW.

The CRC for Eye Research and Technology will transform into the Vision CRC, the CRC for Waste Management into the CRC for Environmental Biotechnology and the Petroleum CRC into the CRC for Greenhouse Gas Technologies. Funding for the CRC for Advanced Composite Structures and the CRC for Sustainable Tourism was renewed. This was an excellent outcome for UNSW with total Commonwealth funding to UNSW-participating CRCs reaching \$153.1M over seven years. Nationally, the Vision CRC received the largest individual grant at \$32M over seven years.

COMMUNITY OUTREACH

The University, in conjunction with the University Union, again supported The Shack Youth Services' School Tutoring Program during 2002. UNSW students volunteered their time for one hour a week to tutor more than 100 high school students, particularly those experiencing either academic or economic disadvantage. Additionally, UNSW provided accommodation in The Roundhouse for the program, with an easily accessible room and a place of comfortable study for the large number of participants.

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.

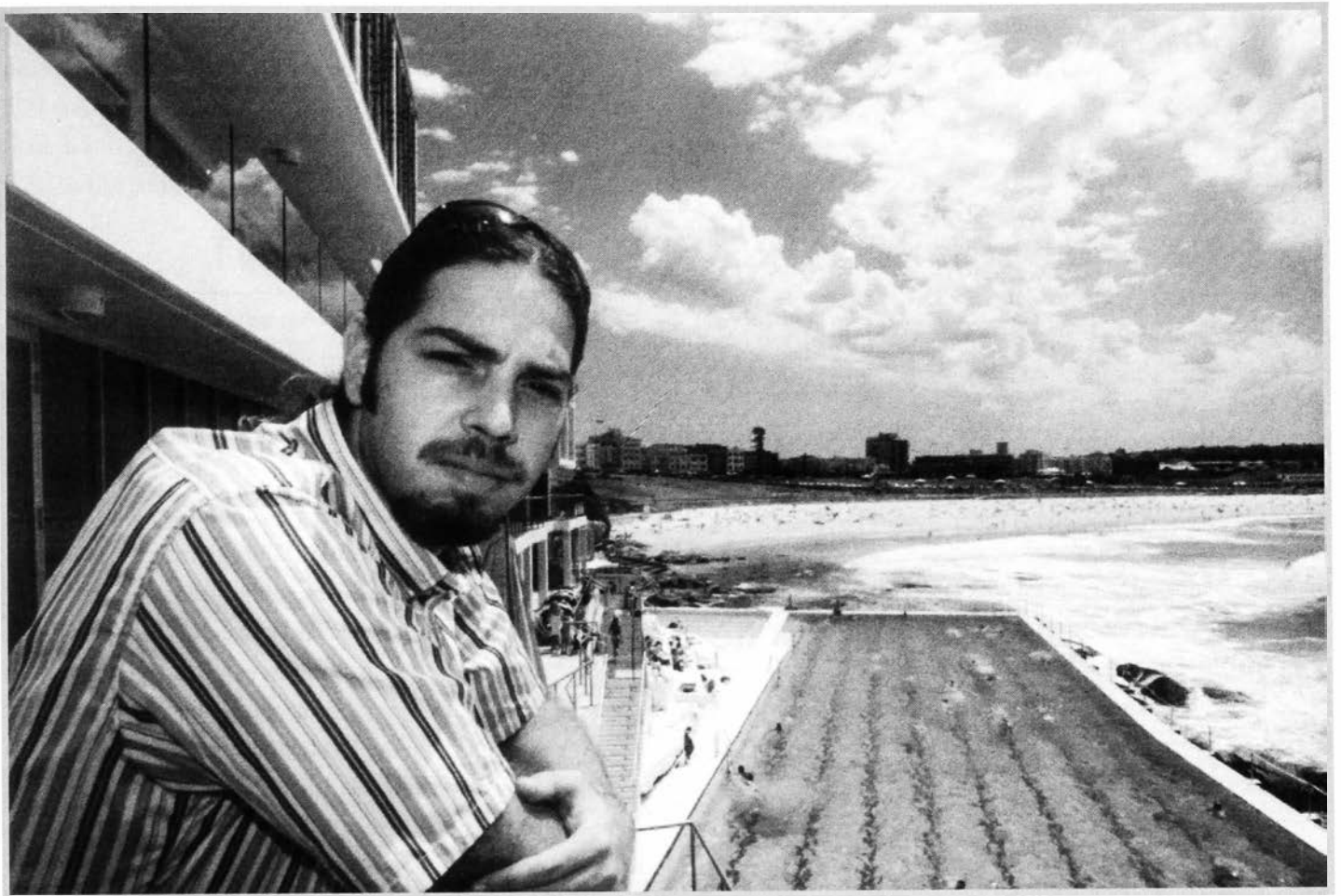
The Centre takes on cases where there is no other source of assistance, or where acting for the client will benefit the community by achieving

change in the law or government policy. During the year, the Centre provided legal advice or assistance to almost 3,000 people with a third of these being employment-related issues. It also initiated a new student advocacy scheme where students represent clients, who would otherwise be unrepresented, in minor criminal matters at Waverley Local Court.

Given its placement within the portfolio of the Pro-Vice Chancellor (Education), it is most appropriate that the UNSW Art Collection's database will soon be available online for researchers and interested parties. Design and development began in late 2000 and when the site is launched in early 2003, information on nearly 1200 works of art will be accessible using a searchable interface. Images will also be available where copyright permission has been granted. The UNSW Art Collection's role as an educator and significant keeper of Australian cultural heritage will be further enhanced by this new development.

For some years, UNSW and its staff have actively supported Community Aid Abroad (CAA) through a workplace payroll deduction program. The University continued to facilitate staff contributions directly to CAA through regular salary deductions for much of the year. Towards the end of the year, however, the program was expanded so that staff can support, via payroll deductions, any community group in Australia that has tax deductibility.

A very successful activity during 2002 was the HIPPY (Home Instruction Program for Pre-School Youngsters) Program. The University undertook the role of auspice body for a two-year pilot program based at La Perouse Primary School. Its aim is to better prepare children for school, thereby improving their educational and longer-term employment prospects. The program is also expected to have significant benefits to families and parents, including engendering greater self-confidence.



U N S W 2 0 0 2



MARKO DAMIC, a 2002 graduate from the *Architecture Program* at the FACULTY OF THE BUILT ENVIRONMENT, wins the *top prize* given to architecture students by the *Royal Australian Institute of Architects* for his graduation design project of the Bondi Icebergs Club.

PUBLIC AFFAIRS AND DEVELOPMENT

In 2002, Public Affairs and Development (PAD) continued to function as the operational arm of the UNSW Alumni Association and the UNSW Foundation. PAD also undertook fundraising and development activities, in addition to coordinating a comprehensive range of events, marketing and media liaison activities.

The monthly meetings of the UNSW Marketing and Development Reference Group, coordinated by PAD, lead to a range of Working Groups being established in 2002 and particularly good results were achieved in the areas of shared resources, student enquiries tracking, marketing support for administrative staff and advertising.

EVENTS

During 2002, the role of Vice-Chancellor passed from Emeritus Professor John Niland to the Professor Wyatt R Hume. A number of events were held to mark the departure of the outgoing incumbent and welcoming his successor.

At the end of June, 240 guests attended a farewell dinner for Emeritus Professor Niland at The Scientia and in July, more than 300 staff attended a cocktail reception in his honour.

The Foundation Dinner for 340 guests was held in July in The Scientia. The New South Wales Premier, the Hon Bob Carr MP, paid tribute to Professor Niland's work and the dinner was also the occasion of

the presentation of colours to the UNSW Regiment, celebrating its 50th Anniversary, and a performance by their band. The Foundation Dinner was Professor Wyatt R Hume's first official engagement as the new Vice-Chancellor.

In March, Dr John Hirshman's long and distinguished career in Community Medicine was celebrated at a Testimonial Dinner in his honour. Dr Hirshman is a great supporter of the Faculty of Medicine where he has made a tremendous contribution in the field of Community Medicine, both in Australia and abroad.

The annual Pioneers Luncheon was held in April, coinciding with 'Back to UNSW' which seeks to attract alumni, family and friends to the University, with various Faculties holding lectures and guided tours of their research facilities and displays.

Also in April was the 2002 Audi UNSW Vice-Chancellor's Golf Cup Day at 'The Lakes' Sydney which included a dinner for players, family and friends, award presentations and fundraising activities

In May, many of the University's first graduates, the Class of 1952, re-enacted the first graduation ceremony, which was followed by a lunch. Overseas and interstate alumni functions grew, with the new Vice-Chancellor visiting Adelaide for a cocktail reception in the Town Hall. Annual alumni events continued in Brisbane, Melbourne, Hong Kong, Kuala Lumpur, Singapore and Beijing.

The UNSW and Australian Museum Science lecture 'Resurrecting the Rock Jock: The Future of Australian Palaeontology' was given by the 2002 Young Australian of the Year, Scott Hocknull.

The PAD Events Team was also responsible for cooperating with Faculties and Units for launches in many fields of academic endeavour and relationship building. These included, the Eiffel Technologies launch, the Home Telecare launch, and the launches of the UNSW Corporate Website and the Rural and Regional Students Website. The Team organised the Emeritus Professors' Lunch, attended by the Vice-Chancellor in October, and the Alumni Awards Reception in December which featured a performance by the Australia Ensemble, resident at the University.

The new Vice-Chancellor gave his Inaugural Lecture 'Crossroads and Beyond: Building Great Research Universities' in the Sir John Clancy Auditorium in November to some 500 staff, students and distinguished guests.

In November, a reception was held by the Vice-Chancellor in the Council Chambers to mark the 20th Anniversary of the Io Myers Studio and to recognise the important fundraising work of the U Committee which supports many University projects, including the development of the Io Myers Studio.

In December, the University Reception was held to recognise the

achievements of the University community through the year. More than 500 staff and guests gathered in The Scientia to be thanked by the Chancellor and Vice-Chancellor for their endeavours.

MEDIA

UNSW continued to attract a high level of coverage in 2002 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*, and *Uniken in Review* kept students, alumni and other stakeholders abreast of significant developments on campus.

ADVERTISING

The Vice-Chancellor's Advisory Committee agreed to extend the trial

of advertising placements through PAD for another three years due to the success of the 2001 trial, which has maximised the University's purchasing power, optimised the time and effort expended, and provided an enhanced source of advice for advertising opportunities and placements.

PAD has continued to negotiate an approximately 15 per cent discount on all advertising placements for Faculties, Schools and 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 600 advertisements were placed in 2002 across 100 advertising mediums. The placement of combined advertisements saved UNSW more than \$30,000 and achieved maximum exposure and positioning. Bus advertising and regional television commercials were used for the first time by UNSW in 2002, with good results for the advertised services.

PUBLISHING AND PRINTING SERVICES

In 2002, 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 (more than 125 pallets of paper). 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 were steady in 2002 and the Association will be addressing this lack of growth in 2003. A Victorian Alumni Group was established as an official Chapter of the UNSW Alumni Association and negotiations are underway for the establishment of additional overseas and discipline-based Chapters.

Work on the alumni database continued in 2002 and data integrity was improved by 20 per cent, with resultant improved rates of 'return-to-sender' mail, from four per cent in 2001 to three per cent in 2002. This has helped to ensure that the Association maintains 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 and *Uniken in Review* were produced and distributed to all UNSW alumni.

In 2002, Emeritus Professor John Niland was the sole recipient of the prestigious UNSW Alumni Award for his leadership in the Australian higher education sector and for enhancing the development and transmission of knowledge and innovation. His outstanding contributions to higher education through the advancement of UNSW, Southern Cross University, Singapore Management University and his role as President of the Australian Vice-Chancellors' Committee are exemplary. His outstanding achievement in establishing UNSW as a top

choice for international students has seen the University flourish and become one of the region's top educational institutions.

In addition, the naming of the Carmel and John Niland Alumni Association Scholarship in 2002 recognised their contribution to the University community and alumni in particular. Five Alumni Scholarships were awarded in 2002 and four final year students were presented with Alumni Graduated Awards in recognition of their services to the community and those in need.

The Student Alumni Associates program was introduced in 2002, to provide alumni services for all enrolled students. This program was established in order to introduce current students to the Alumni Association, as studies showed a lack of awareness about alumni links after graduation. Operating as an affiliated program of the UNSW Alumni Association, it links current students to a vibrant worldwide community of alumni for personal and professional networking, as well as providing an ongoing connection to UNSW. The Alumni Association offers a range of scholarships and awards to Student Alumni Associates, such as the Alumni Graduated Awards and Alumni Association Scholarships.

The Alumni Association Volunteers maintained their regular support services to UNSW on one day per week, as well as assisting with greeting visitors to Graduation Ceremonies. The University is most

grateful for their continuing contributions in 2002.

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

A new substructure of the Alumni Board was established with 'Coordinating Governor' roles undertaken in a number of critical areas, such as membership marketing, legal matters and international relations. This resulted in a more focused approach in Association activities.

In 2002, the Association underwent an especially active year of review in preparation for the incoming Vice-Chancellor, Professor Wyatt R Hume. In addition to its regular meetings, the Board of Governors held two Strategic Review Days. These were the first such events for the Alumni Association since its founding in 1968. In addition links have been established by mutual visits with the UCLA Alumni Center in Los Angeles.

The Board was pleased to re-appoint its two eminent Founding Patrons, the Hon Gordon J Samuels AC and Emeritus Professor Sir Rupert Myers, for a further term.

While all three South-East Asian Chapters (Hong Kong, Singapore and Kuala Lumpur) were active in 2002, it was the Malaysian Chapter which pioneered

the establishment of an alumni 'e-Group' <http://groups.yahoo.com/group/unswalumnimalaysia>. In general, e-mail from alumni increased in 2002 and was used to facilitate Board business and the inclusion of Overseas Governors. The redesigned alumni web-pages proved more popular than in previous years.

In addition to honouring Retiring Vice-Chancellor John Niland, the Board admitted Neville Whiffen OAM (*MSc '56*) to Honorary Life Membership of the Alumni Association as the founder of the Alumni Pioneer Group, in recognition of his life-long commitment to the

University and his extraordinary achievements and service.

A total of \$95,500 in membership fees and donations was received from Contributing Members and donated to the University for alumni activities and to fund scholarships and awards.

THE UNSW ALUMNI ASSOCIATION BOARD OF GOVERNORS

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

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

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

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

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*)

Mr Jimmy Koh (*BE '64*)

Dato' David Koh (*BSc '72*)

Ms Tristen Langley (*BSc '99*)

Associate Professor Desley Luscombe (*BSC Arch '73 MArch '89*)

Mr Trevor Newton (*BE '54*)

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

Mr Peter Noble (*LLB BCom '76*)

Mr Julian Reynolds (*BCom '66*)

Mr Fred Smith (*BE LLB '96*)

Dr Adrienne Thompson (*PhD '73*)

Ms Gabrielle Upton (*BA LLB '88*)

Mr Benjamin Zipser (*BCom LLB '92*)



U N S W 2 0 0 2

The UNSW/Eiffel Technologies
Pharmaceutical Re-Engineering
Research Facility will commercialise
the INNOVATIVE *Supercritical Fluid*
technology developed by WORLD
LEADING researcher Professor
NEIL FOSTER (*left*), from the
School of *Chemical Engineering*
and Industrial Chemistry. *Eiffel*
Technologies CEO Christine Cussen
is seen here with Professor Foster
and researcher Hub Regtop.

UNSW FOUNDATION

During 2002, the UNSW Foundation raised in excess of \$6.5M. Students were the main beneficiaries with 32 new scholarships worth more than \$2M established.

The Lorrie Faye Memorial Kidsafe NSW Scholarship was created with a gift of \$45,000 from the Kidsafe Sydney Committee to encourage medical students to undertake an Honours thesis project relevant to child safety issues.

The Faculties of Commerce and Economics and Law received donations from the Ryan and Ritchie families to encourage Indigenous Australians to study at UNSW and thereby contribute to the advancement of Indigenous communities throughout Australia.

UNSW Law Society students added to the endowed scholarship program by using a \$20,000 operating surplus from their 2002 activities to establish the UNSW Law Society Scholarship. Faculty of Engineering students also raised more than \$30,000 for the Korima Solar Energy Solutions for Nicaragua project which develops and promotes innovative energy solutions such as solar cooking and lighting systems.

In October the Medical Students Aid Project sent \$100,000 of donated medical equipment to partner hospitals in Tonga, Samoa, Malawi and Ghana. A further \$15,000 was raised in cash and UNSW medical students worked in these hospitals as part of their final year elective.

The Scientia and School of Optometry Building Appeals are both in their final stages. Leighton Holdings completed their \$2M pledge to The Scientia Appeal and the UNSW Foundation would like to thank them for their commitment to the University. Eiffel Technologies have developed closer links with the University becoming an industry partner.

The importance of teaching and research was highlighted by generous contributions including from Mr John Landerer, CBE AM, Managing Director of Landerer and Company. The Landerer Fellowship will enable the appointment of leading scholars at UNSW to undertake teaching and research that enhances an understanding of the impact of globalisation upon law. Mr Peter Simon AM, Managing Director of HPM Industries, made a substantial commitment to the Home Telecare project which allows chronically ill patients to be monitored in their own home.

The Ingram Fund for International Law and Development, established in recognition of the generous contribution from James Ingram, AO and Odette Ingram, will support the study and teaching of international law at UNSW, foster an understanding of the impact of law on the interests of developing countries and promote the interaction between the Faculty of Law and Australian international law policy makers.

Our long-term supporters have once again been extremely generous. The financial support for the Law Library from Freehills for more than nine years has been invaluable. Likewise, the continued financial support from Gilbert + Tobin, Baker & McKenzie, The Australian Ireland Fund and AGL for the Sustainable Living Competition, is gratefully acknowledged.

PAD also publishes the biannual *Developments* magazine which is directed towards UNSW benefactors and is designed to recognise and encourage the philanthropic support of the University.

The UNSW Foundation greatly appreciates the support of its donors and thanks everyone who contributed in 2002 and looks forward to their commitment in the future.

UNSW FOUNDATION BOARD OF DIRECTORS

Mr Robert Sutton, (*BCom '63*) Chair (to July 2002)

Emeritus Professor John Niland, AC, (*BCom '63, MCom '67, HonDSc '02*), Chair (from July 2002)

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Mr Alex Boyarsky (*BBuild '66, MBA '69*)

Mr Michael Easson, AM (*BA '77*)

Mr David Gonski, AO (*BCom '76, LLB '77*)

Mr Maxwell Gosling (*BCom '66*)

Mr Michael Grace, AM (*BCom '64*)

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Dr John Hirshman, AM (*Hon MD '98*)

Councillor Lucy Hughes-Turnbull (*MBA '85*)

Professor Wyatt R Hume

Mr Wallace King, AM (*BE '66, MEngSc '68, HonDSc '02*)

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Mr Bob Mansfield, AO (*BCom '75*)

Mr Robert Maple-Brown (*BCom '65*)

Mr Peter Mason, AM (*BCom '69, MBA '72*)

Mr Paul Nicolaou, (*BA '89, MCom '91*) Chief Executive/Secretary

Mr Daniel Petre (*BSc '81*)

Mr Simon Poidevin, OAM (*BSc '83*)

Mr Julian Reynolds (*BCom '66*)

Mr Peter Ritchie (*BCom '66*)

Mr Neville Roach, AO (*HonDSc '01*)

Ms Catherine Rossi Harris, PSM (*BCom '71*)

Mr Colin Ryan (*BCom '63*)

The Hon Henry Tsang, OAM MLC (*BArch '70*)

Sir William Tyree, OBE (*HonDSc '86*)

Mr Albert Wong (*BCom '81*)

Dr John Yu, AC

MAJOR BENEFACTORS

The University enjoyed wide support throughout the community in 2002 and records its gratitude to the following major benefactors:

ALUMNI FUND (ALUMNI ASSOCIATION)

Merrill Lynch HSBC Australia Pty Ltd
Sydney

ANTHONY MASON CHAIR IN LAW AND GILBERT + TOBIN CENTRE OF PUBLIC LAW (FACULTY OF LAW)

Gilbert + Tobin
Sydney

ASIA-AUSTRALIA INSTITUTE FUND

Myer Foundation
Melbourne

BIOMEDICAL LIBRARY (FACULTY OF MEDICINE)

Liu Chiang Szu-Yung
Turner, ACT

BREACHES & PENALTIES PROJECT (FACULTY OF LAW)

Australian Council of Social Service
Strawberry Hills

Community & Public Sector Union
Haymarket

CENTRE FOR SUSTAINABLE BUILT ENVIRONMENT (FACULTY OF THE BUILT ENVIRONMENT)

AGL
North Sydney

Bayer Australia Ltd
Pymble

CHAIR IN IRISH STUDIES ENDOWMENT (FACULTY OF ARTS AND SOCIAL SCIENCES)

The Australian Ireland Fund
Sydney

COFA BUILDING APPEAL

Alison Renwick Art Consultancy
Edgecliff

Stewart Wallis
Northbridge

BAKER & MCKENZIE CYBERSPACE LAW AND POLICY CENTRE (FACULTY OF LAW)

Baker & McKenzie
Sydney

DAVID MORRIS LIVER CANCER RESEARCH FUND (FACULTY OF MEDICINE)

Stanley Yee
Haymarket

DIPLOMACY TRAINING PROGRAM (FACULTY OF LAW)

Myer Foundation
Melbourne

GILBERT + TOBIN CENTRE OF PUBLIC LAW – A FRAMEWORK FOR A SHARED FUTURE (FACULTY OF LAW)

Reconciliation Australia
Kingston

HIRSHMAN INTERNATIONAL HEALTH AND POPULATION STUDIES (FACULTY OF MEDICINE)

John and Lydia Hirshman
Vaucluse

Anonymous Donor
Sydney

HOME TELECARE FUND (FACULTIES OF ENGINEERING AND MEDICINE)

Peter Simon
Beaconsfield

INDIGENOUS HEALTH (FACULTY OF MEDICINE)

Una Wood
Ainslie, ACT

INGRAM FUND FOR INTERNATIONAL LAW AND DEVELOPMENT (FACULTY OF LAW)

James Ingram AO and Odette Ingram
Manuka, ACT

JACK BEALE ENVIRONMENT FUND

Jack Gordon Beale
Elizabeth Bay

JEWISH STUDIES FUND

Anonymous Donor

JOHN LIONS CHAIR IN OPERATING SYSTEMS

Gernot Heiser
Sydney

KORIMA - SOLAR ENERGY SOLUTIONS FOR NICARAGUA (FACULTY OF ENGINEERING)

City of Sydney Council
Sydney

LAW PARTNERSHIP FUND (FACULTY OF LAW)

Freehills
Sydney

MULTIPLEX CHAIR OF ENGINEERING CONSTRUCTION INNOVATION (FACULTY OF ENGINEERING)

Multiplex Constructions (NSW) Pty Ltd
Sydney

RICHARD D'AVIGDOR MEMORIAL CONFERENCE GRANT (UNSW LIBRARY)

Elsevier Science AsiaPacific-Japan
Singapore

THE SCIENTIA APPEAL

Leighton Holdings Ltd
St Leonards

Bob Mansfield
Sydney

Robert Maple-Brown
Sydney

Sir William Tyree
Sydney

SOLARCH FUND (FACULTY OF THE BUILT ENVIRONMENT)

Australian Greenhouse Office
Canberra

UNSW SUNSWIFT (FACULTY OF ENGINEERING)

James N Kirby Foundation
Broadway

UNSW – EIFFEL TECHNOLOGIES PHARMACEUTICAL RE-ENGINEERING RESEARCH FACILITY (FACULTY OF ENGINEERING)

Eiffel Technologies Limited
Melbourne

UNSW SCHOOL OF OPTOMETRY BUILDING APPEAL

OPSM Pty Ltd
Silverwater

Rodenstock Australia Pty Ltd
Silverwater

Sola Optical
Morphett Vale

UNSW SCHOLARSHIPS

Albert Willis
Wollstonecraft

Alexander and Vera Boyarsky
Sydney

Audi Australia Pty Ltd
Homebush Bay

Australian Maritime Engineering
CRC Ltd

Hobart, Tasmania

Austal Ships

Henderson, Western Australia

Bill Jameson Foundation
Sydney

Bishop Technology Group Ltd
North Ryde

Colin and Jose Ryan
Neutral Bay

Anonymous Donor
Sydney

Douglas and Monica Weeden
Epping

Helen Philpotts
Wollongbar

Hawker de Havilland Pty Ltd
Port Melbourne

Ian Landon-Smith
Wahroonga

Kidsafe Sydney Committee
Pymble

Lyneham, Albon Planning and
Management Pty Ltd
Sydney

Novus Petroleum Ltd
Sydney

NSK Australia Ltd
Scoresby, VIC

Optometric Vision Research
Foundation
Randwick

J Russell Baxter
Elizabeth Bay

St Hilliers
Waterloo

The Ambition Group
Sydney

The Angus-Leppan Family Trust
Coogee

The Ritchie Family Charitable Trust
Rosebery

The SIDA Foundation
Cremorne Point

UNSW Law Society
Faculty of Law, UNSW

Vincent Hong Sui Lo
Wanchai, Hong Kong

The following entities have also
contributed matching funds:

- > UNSW Bookshop
- > UNSW Faculty of the Built Environment
- > UNSW Faculty of Commerce and Economics
- > UNSW Faculty of Engineering
- > UNSW Faculty of Medicine
- > UNSW Faculty of Science
- > NewSouth Global Pty Ltd
- > UNSW Scholarships Office
- > UNSW School of Mechanical and Manufacturing Engineering
- > UNSW School of Computer Science and Engineering
- > UNSW Sports Association
- > Office of the Vice-Chancellor

NOTE

A contribution was received from the High Commission for Malaysia for the Islamic College Building Fund.







Part THREE

Membership of the Council _ 65

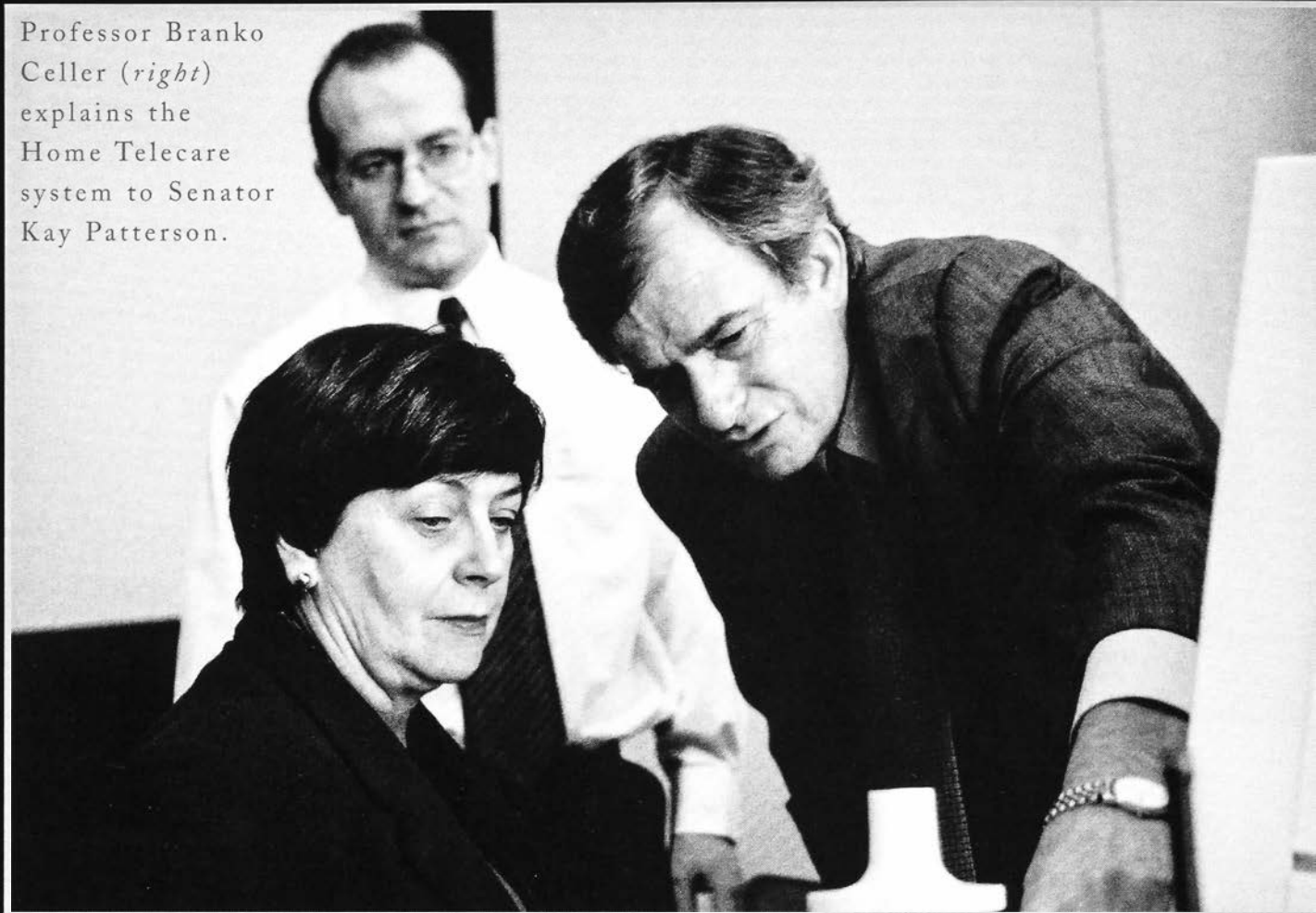
Membership of the Committees _ 66
of Council

Council and Committee _ 67
Members Attendance
2002

UNSW Senior Officers _ 69

Codes of Conduct _ 70

Professor Branko
Celler (*right*)
explains the
Home Telecare
system to Senator
Kay Patterson.



U N S W 2 0 0 2

Federal Minister for Health,
SENATOR KAY PATTERSON,
launches a world-class HOME
TELECARE SYSTEM, developed
by UNSW's Biomedical Systems
Laboratory in affiliation with the
University's Centre for Health
Informatics, that will allow
chronically ill patients to be
monitored in their own home.

COUNCIL OF THE UNIVERSITY OF NEW SOUTH WALES

MEMBERSHIP (AS AT 31 DECEMBER 2002)

OFFICIAL MEMBERS (THREE)

(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 Wyatt Rory Hume, BSc

Dent (Hons) BDS PhD DDSc *Adel*,

Vice-Chancellor and President

(five-year term)

Professor Kevin Malcolm McConkey,

BA (Hons) PhD *Qld*, FASSA, FAPS,

President of the Academic Board

(two-year term)

PARLIAMENTARY MEMBERS (TWO)

(hold office until no longer a Member

of Parliament or 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 (FOUR)

(four-year terms to 30 June 2006)

Ms Catherine Mary Rossi Harris,

PSM, BCom *UNSW*, FAICD,

Deputy Chancellor

Mr Peter Edward Mason, AM, BCom

MBA *UNSW*

Mr John Henry Pascoe, AO, BA LLB

(Hons) *ANU*, AICD

The Hon Ms Susan Maree Ryan, AO,

BA *Syd*, MA *ANU*, FAICD

ELECTED MEMBERS (ELEVEN)

Elected graduate members (four) (four-

year terms to 30 June 2006)

Dr Penelope Anne FitzGerald, BSc

(Hons) *Syd*, PhD *UNSW*, MIEAust,

MRACI, MASM, MAWWA,

MAWWA (US)

Mr Geoffrey Francis Lawson, OAM,

BOptom *UNSW*, OAA

Dr Jessica Ruth Milner Davis, BA

(Hons) PhD *UNSW*

Ms Gabrielle Cecelia Upton, BA LLB

UNSW, MBA *NYU*, MAICS

Elected members of academic staff (four)

(two-year terms to 30 June 2004)

Associate Professor John Joseph

Carmody, MB BS, MD *Qld*

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

(one) (two-year term to 30 June 2004)

Mrs Beverley Anne Crane, BA

DipIM-Lib *UNSW*, GradDipAdultEd

UTS.

Elected student members (two)

(two-year terms to 30 June 2004)

Ms Linda Margaret Scott,

BSc (Psych) *UNSW*

Mr David Alexander Hughes

MEMBER APPOINTED BY COUNCIL (ONE)

(four-year term to 2 August 2004)

Mr Brian Edward Suttor, BCom

UNSW, FCA, CPA

CHANGES IN MEMBERSHIP DURING 2002

The following ceased to be members

of Council during 2002:

Mr James Harold Anderson

Mrs Jolyn Margaret Karaolis

Professor John Rodney Niland

The following became members of

Council during 2002:

Professor Wyatt Rory Hume

Mr Geoffrey Francis Lawson

Ms Gabrielle Cecelia Upton

MEMBERSHIP OF COMMITTEES OF COUNCIL

(AS AT 31 DECEMBER 2002)

CHANCELLOR'S COMMITTEE

Dr John S Yu, Chancellor
(Presiding Member)

Ms Catherine M Rossi Harris,
Deputy Chancellor

Professor Wyatt R Hume,
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 Wyatt R Hume,
Vice-Chancellor

Professor Kevin M McConkey,
President, Academic Board

Professor Jeremy G A Davis

BUILDINGS AND GROUNDS COMMITTEE

Professor Jeremy G A Davis
(Presiding Member)

Professor Wyatt R Hume,
Vice-Chancellor

Professor Kevin M McConkey,
President, Academic Board

Mrs Beverley A Crane

The Hon Mrs Deirdre M Grusovin

STUDENT AFFAIRS COMMITTEE

Dr Penelope A FitzGerald
(Presiding Member)

Professor Kevin M McConkey,
President, Academic Board

Professor Adrian Lee,
Pro-Vice-Chancellor

Ms Crystal Condous,
Registrar and Deputy Principal

Associate Professor John J Carmody

Dr Raelene Frances

Mr Geoffrey F Lawson

Mr David A Hughes

Ms Linda M Scott

AUDIT COMMITTEE

Mr Brian E Suttor
(Presiding Member)

Mr Andrew N McMaster, BCom
UNSW, ACA

Dr Jessica R Milner Davis

HONORARY DEGREES COMMITTEE

Dr John S Yu, Chancellor
(Presiding Member)

Professor Wyatt R Hume,
Vice-Chancellor

Professor Kevin M McConkey,
President, Academic Board

The Hon Mrs Deirdre M Grusovin

Mr John H Pascoe

Ms Gabrielle C Upton

Professor Peter F Alexander, BA
Witw, MA Leeds, PhD Camb, FAHA
(alternate: Professor Barbara J
Gillam, BA *Syd, PhD ANU*)

Professor Maria Skyllas-Kazacos, BSc
PhD *UNSW, FRACI, MES, FIEAust,*
CPE

COUNCIL AND COMMITTEE MEMBERS' ATTENDANCE IN 2002

In 2002, Council met 12 times, including two special and two reconvened meetings.

The business of Council is normally channelled through one of its standing committees, namely, the

Finance Committee, the Buildings and Grounds 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.

During 2002, Council disestablished its Planning Committee and established a Buildings and Grounds Committee.

COUNCIL	Possible Attendances	Actual Attendances	FINANCE COMMITTEE	Possible Attendances	Actual Attendances
Dr J S Yu	12	12	Mr P E Mason	6	6
Ms C M Rossi Harris	12	8	The Hon Ms S M Ryan	6	3
Professor J R Niland	5	4	Dr J S Yu	6	3
Professor W R Hume	7	7	Ms C M Rossi Harris	6	4
Professor K M McConkey	12	12	Professor J R Niland	2	2
Mr J H Anderson	5	5	Professor W R Hume	4	4
Associate Professor J J Carmody	12	12	Professor K M McConkey	6	3
Professor W F Chua	12	8	Mr J H Anderson	2	1
Mrs B A Crane	12	11	Mr B E Suttor	3	2
Professor J G A Davis	12	11	Professor J G A Davis	3	3
Dr P A FitzGerald	12	12			
Dr R Frances	12	8	PLANNING COMMITTEE		
The Hon Mrs D M Grusovin	12	11	Professor J R Niland	2	1
Mr D A Hughes	12	10	Professor W R Hume	1	1
Mrs J M Karaolis	5	4	Professor K M McConkey	3	2
Mr G F Lawson	7	4	Mrs B A Crane	3	2
Mr P E Mason	12	8	Professor J G A Davis	3	3
Dr J R Milner Davis	12	11	Professor A H Dooley	3	3
Mr J H Pascoe	12	7	Dr P A FitzGerald	3	3
Ms L Rhiannon	12	9	Professor J E Ingleson	3	3
The Hon Ms S M Ryan	12	9	Mrs J M Karaolis	2	2
Ms L M Scott	12	11	Professor A Lee	3	3
Mr B E Suttor	12	10	Ms L M Scott	3	2
Ms G C Upton	7	6	Professor M S Wainwright	3	1
			BUILDINGS AND GROUNDS COMMITTEE		
CHANCELLOR'S COMMITTEE			Professor J G A Davis	4	4
Dr J S Yu	15	14	Professor W R Hume	4	4
Ms C M Rossi Harris	15	13	Professor K M McConkey	4	3
Professor J R Niland	8	5	Mrs B A Crane	4	3
Professor W R Hume	7	7	The Hon Mrs D M Grusovin	4	4
Professor K M McConkey	15	15			

STUDENT AFFAIRS COMMITTEE	Possible Attendances	Actual Attendances	AUDIT COMMITTEE	Possible Attendances	Actual Attendances
Dr P A FitzGerald	7	7	Mr B E Suttor	5	5
Professor K M McConkey	7	6	Mr J H Anderson	3	3
Associate Professor J J Carmody	7	7	Mr A N McMaster	5	3
Ms C Condous	7	5	Dr J R Milner Davis	5	5
Dr R Frances	7	7	Professor J R Niland	3	0
Mr D A Hughes	7	7	Professor W R Hume*	2	1
Professor J E Ingleson	4	2	HONORARY DEGREES COMMITTEE		
Mrs J M Karaolis	3	2	Dr J S Yu	4	4
Mr G F Lawson	3	2	Professor J R Niland	2	2
Professor A Lee	3	2	Professor W R Hume	2	2
Ms L M Scott	7	7	Professor K M McConkey	4	4
			The Hon Mrs D M Grusovin	4	4
			Professor P F Alexander	4	3
			Professor B J Gillam	4	3
			Mr J H Pascoe	1	1
			Ms L M Scott	2	1
			Ms G C Upton	1	1

* The Vice-Chancellor and President is not a member of the Audit Committee, but attends by invitation.

UNSW SENIOR OFFICERS IN 2002

VICE-CHANCELLOR AND PRINCIPAL

(to 31 June 2002)

Professor JR Niland, AC,
BCom MCom HonDSc *UNSW*,
PhD *Ill*, DU_{niv} *SCU*, FASSA

VICE-CHANCELLOR AND PRESIDENT

(from 1 July 2002)

Professor WR Hume,
BScDent (Hons) BDS PhD DDSc
Adel, FRACDS, FACD, FICD

DEPUTY VICE-CHANCELLOR (EDUCATION AND ENTERPRISE)

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

DEPUTY VICE-CHANCELLOR (RESEARCH AND INTERNATIONAL)

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

PRO-VICE-CHANCELLOR (EDUCATION)

Professor A Lee,
BSc PhD *Melb*, FASM

PRO-VICE-CHANCELLOR (RESEARCH)

Professor EM McLachlan,
BSc PhD DSc *Syd*, FAA

REGISTRAR AND DEPUTY PRINCIPAL

Ms C Condous,
BCom MLib *UNSW*

CHIEF FINANCIAL OFFICER

Mr CM Lidbury,
BCom *UNSW*, ASA

CHIEF INFORMATION OFFICER

Mr T Cope,
BSc *Hatfield Poly*

PRESIDENT OF THE ACADEMIC BOARD

Professor KM McConkey,
BA PhD *Qld*, FASSA, FAPS

DEAN, FACULTY OF ARTS AND SOCIAL SCIENCES

Professor A Hamilton,
MA PhD *Syd*

DEAN (ACTING), FACULTY OF THE BUILT ENVIRONMENT

Professor PA Murphy, BA (Hons) *Syd*,
PhD *Macq*, MPIA MIAG

DEAN AND DIRECTOR, COLLEGE OF FINE ARTS

Professor IG Howard,
DipArtEd *NAS*, GradDip Film/TV
Middlesex, MFA *C'dia*

DEAN, FACULTY OF COMMERCE AND ECONOMICS

Professor RA Layton, AM,
MEc *Syd*, FAIM (to 31 January 2002)

Professor G Whittred,
BCom *Qld*, MEc *Syd*, PhD *UNSW*
(from 31 January 2002)

DEAN, FACULTY OF ENGINEERING

Professor B Parker,
BSc(Eng) ARSM DIC PhD *Lond*,
CPEng, FIM, FIEAust

DEAN, FACULTY OF LAW

Professor L Trakman,
BCom LLB *Cape Town*, LLM SJD
Harv

DEAN, FACULTY OF SCIENCE

Professor DW Lincoln,
BSc *Nott*, MA PhD *Cantab*, DSc
Brist, FRSE

DEAN, FACULTY OF MEDICINE

Professor SB Dowton,
MBBS MD *Syd*, FACMG, FRACP

DEAN AND DIRECTOR, AUSTRALIAN GRADUATE SCHOOL OF MANAGEMENT

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

RECTOR, UNIVERSITY COLLEGE, AUSTRALIAN DEFENCE FORCE ACADEMY

Professor R J King,
BSc DipEd PhD *Melb*

CODE OF CONDUCT FOR MEMBERS OF COUNCIL

The Code of Conduct for members of Council as approved by Council on 10 April 2000 is as follows (resolution CL000/16(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 personal advantage, whether financial or otherwise;
 - (ii) the advantage of any other person or organisation; or
 - (iii) the advantage of the group qualifying the 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 member 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 a 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.



Part FOUR

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U N S W 2 0 0 2



Dr NERIDA COLE, scientist with the UNSW-based Cooperative Research Centre for Eye Research and Technology, conducts WORLD-FIRST RESEARCH to help prevent blindness caused by the bacteria *Pseudomonas aeruginosa*, which accounts for 70 per cent of all infections associated with contact lens wear and which can lead to blindness within 24 HOURS.

FACILITIES MANAGEMENT

PLANNING AND POLICY

During the year significant issues were addressed in facilities planning and policy formulation. Randwick City Council approved a physical Master Plan for the Kensington Campus and the University commenced a review to identify constraints and opportunities in the lower campus precincts. Improvements were made to managing the development and building approvals process, compliance processing and reporting.

A strategy for refurbishment in the Biological Sciences Building was developed in order to accommodate two new Schools in the Faculty of Science and the integration of geography and geology programs located in the Applied Science Building. A high-level consultant team was established to progress the BioHub project, a proposed biotechnology centre of excellence and potentially the largest such project the University has ever undertaken. Support was provided in developing facilities for the School of Rural Health and selecting a Master Planning architect for the College of Fine Arts. Investigations were undertaken into options for relocating research animals from the former Prince Henry Hospital site and assistance provided to NICTA to engage consultants in strategic facilities planning advice.

Work commenced on an energy strategy, as part of a proposed 'strategy for sustainability', for the development and management of the University's facilities including the preparation of a

water conservation plan. Development of a Building Automation and Control Network (BacNet) controls rollout strategy is underway to provide better building services and energy management functionality.

Ongoing improvements have been made to the graphic record of the University's facilities, ensuring basic site data for all campuses and building data for Kensington and site services are all on CAD. A review of recapitalisation liabilities for UNSW facilities has commenced with an early review of the Kensington Colleges. Work commenced on a contractor safety audit plan to complement the contractor safety management system.

COMPLETED PROJECTS

Various projects were completed by the close of 2002, some of which were Capital Projects Forecast (CPF) funded or by the Faculties and other units.

Although CPF funding was substantial, the deferment of the proposed chemical sciences building and delays in final approval for the L5 redevelopment (former Unisearch House) caused a switch in emphasis to more basic refurbishment activity.

ACADEMIC PURPOSES

The majority of completed projects were for academic purposes. The lecture theatre in the Civil Engineering Building was upgraded. Laboratories were completed on the ground floor of the Newton Building for the Special Research Centre in Quantum Computing and a new north-west facing entrance to the Centre and to the Newton Building constructed. A new

receiving point, including gas storage facilities, in the south-west corner of the Old Main Building and Newton Building were constructed. An office area was refurbished in the Newton building for the Hewlett-Packard funded research in Quantum Computing.

The foyer to the Library at level 2 was upgraded with the provision of significant additional student computer service points. Facilities for the School of Materials Science and Engineering were upgraded, including postgraduate study areas, a laboratory and workshop. A new storage area for radioactive waste materials from research was developed in the Biological Sciences Building. New computer laboratories were constructed in the undercroft of the Mechanical Engineering Building and beneath the Physics Theatre for the School of Computer Science and Engineering. Some of the space in the Mechanical Engineering Building undercroft was fitted out as a café.

The refurbishment of a Super-critical Fluids Laboratory in the Applied Science Building was completed. This key research laboratory involves an access agreement with Eiffel Technologies. Laboratories and workshop areas in the Old Main Building for the School of Mining Engineering were refurbished and include facilities for the Australian National Centre for Mining Ventilation.

A fit-out in the Electrical Engineering Building provided the Phase1 accommodation needs of

NICTA. Physical containment laboratories were completed in the Biological Sciences Building and the Civil Engineering Building. In the Wallace Wurth Building laboratories were constructed for the Heart Research Institute and Surgical Skills Laboratory.

Final completion of the Robert Webster Building refurbishment was achieved with a fit-out in the East Wing for the Faculty of Arts and Social Sciences (National Centre in HIV Social Research and the School of Media and Communications), a new lecture theatre for NewSouth Global (NSG) and a Science Student Office. The office of the Dean of the Faculty of Arts and Social Sciences was refurbished and dark rooms at the College of Fine Arts upgraded.

Off-campus, a fit-out for the National Centre in HIV Epidemiology and Clinical Research at St Vincent's Hospital was completed. Permanent facilities for the School of Rural Health, in the Faculty of Medicine, were also completed in former nurses' quarters at Wagga Wagga Base Hospital.

ADMINISTRATIVE AND OTHER PURPOSES

Stage 2 of the NSG corporate offices were completed in an area adjacent to level 1 of the Library and additional portable classroom accommodation installed on the western campus. The fit-out of the new UNSW Post Office and an office area for the Chief Information Officer were completed in the Bank Building, after the Colonial State Bank branch was absorbed into the adjacent Commonwealth Bank. Two major Miscellaneous Student Activity Fee-funded projects were completed - the complete refurbishment of the University Union's Mathews Cafeteria and major alterations and additions to the Sam Cracknell Pavilion for the Sports Association.

FABRIC, INFRASTRUCTURE AND UTILITY SERVICES

The main north and south façades of the Applied Science Building were rehabilitated along with the Emergency Warning and Information System (EWIS) and fire alarms in the building. Substation No 9 in the Applied Science Building was replaced, providing significant new capacity for the lower campus. Substation No 2 in the Robert Webster Building, serving significant areas on the central campus was also upgraded. The Squarehouse low-voltage power board was upgraded due to safety concerns. Sewer and water services upgrading occurred at the College of Fine Arts, new Civil Engineering Building and Shalom College. Toilets were also upgraded at the College of Fine Arts. Roofs to the Morven Brown Building and the Bank Building were replaced. The foyer to the Mathews Building was upgraded.

Engineering Road upgrading and the permanent closure of Science Road were completed, following finalisation of the Rupert Myers Building and Building K17 refurbishment works. Included in the Science and Engineering Road projects were additional 'short stay' parking and 'green space'. These road works have contributed to the reduction of vehicular movements in the pedestrian zone near the Physics and Burrows Theatres.

Access improvements were made across campus for people with disabilities. The improvements included new stairs and stair treads, upgraded ramps, additional continuous handrails, tactile surface indicators, new and upgraded accessible toilets, lift improvements in the Electrical Engineering Building and signage.

Ongoing rollout of BacNet building and energy management controls across campus is an investment in more effective monitoring and operation of building services.

DESIGN AND CONSTRUCTION PROJECTS

Significant projects are in the design phase or in construction at the close of 2002. Work is funded by CPF, Faculties and other units.

ACADEMIC PURPOSES

Significant upgrading of teaching laboratories, postgraduate areas and other accommodation is underway in the Biological Sciences Building to reflect the structural changes in the Science Schools, including taking geography and geology program functions from the Applied Science Building. Work is underway on animal research facilities, physical containment laboratories, postgraduate areas and associated fitouts in the Wallace Wurth Building. Work is in progress to bring the Ritchie and Science Theatres into lecture theatre usage, each with a capacity of 300. Physics teaching laboratories and the courtyard entrance to the School of Physics are being upgraded. In the Mathews Building there is work to air-condition a suite of teaching rooms and to improve animal research facilities. The main entry to the Library is being further adjusted to substantially increase student computer access areas. New mezzanine accommodation for the School of Mechanical and Manufacturing Engineering is being constructed in the Willis Annexe along with the installation of major new research equipment. The air-conditioning of a lecture theatre and an office area is being upgraded in the AGSM Building.

ADMINISTRATION AND OTHER PURPOSES

Commencement of the redevelopment of the former Unisearch House site is a priority. The development consent for an amended design is in place and the managing contractor is appointed with a view to gearing up for a mid-year construction commencement. Demolition of the existing building is imminent.

Another priority is on bringing space in the Golf House back into use following white ant eradication. This will permit room adjustments in the Chancellery to accommodate recent changes to the Senior Management Group.

FABRIC, INFRASTRUCTURE AND UTILITY SERVICES

An additional 100 car spaces will be provided in the Barker Street Parking Station. The main Library chillers and boilers are in the process of being replaced along with controls upgrading. Upgrades to EWIS and emergency lighting are in progress in the Newton Building and in the Mechanical Engineering Building.

ENERGY MANAGEMENT

Closer attention to more efficient energy management practices and milder weather limited growth in electricity consumption to 0.6 per cent, compared with 3 per cent for 2001 and an average of 6.5 per cent for the previous three years. UNSW officially became one of the State's largest Green Power customers, saving the environment from more than 1,600 tonnes of greenhouse gas emissions. A detailed audit of all major gas appliances will lead to efficiency improvements of up to 20 per cent, and also lead to the adoption of protocols to ensure the gains continue. In the driest year on record, town water consumption increased by 20 per cent compared to 2001. As a consequence, a comprehensive policy for rigorous water conservation was introduced, and funding approved to extend the bore water system to the upper campus.

The Energy @ UNSW website (www.energy.unsw.edu.au) was launched to provide access to detailed energy consumption and cost information. More than 1,000 staff and students entered the eye-catching Unswitch 'Milk Carton/CO₂' competition, and thousands more were reminded of the

impact energy consumption has on our environment. A pilot program to 'hunt down' and switch off equipment operating unnecessarily during the 2001-2002 Christmas and New Year break resulted in savings of more than \$2,000 each day and avoided more than 40,000 kilograms of CO₂ emissions.

Considering the Library represents almost eight per cent of the total Kensington energy load, significant environmental, energy and operational benefits will flow from the project to refit the Library with new, high efficiency chillers and gas boilers.

CAMPUS SERVICES

UNSW SECURITY

UNSW Security experienced rapid growth of its benchmark access control system. The UNSW system is now the largest and most sophisticated in the educational sector throughout the Australasian region. UNSW Security gained national profile this year by hosting a Security conference for the Australasian Association of Higher Education Facilities Officers (AAPPA). The conference specifically targeted the educational sector and attracted delegates throughout Australia and New Zealand.

CENTRALLY ALLOCATED TEACHING SPACE - CATS

CATS was given the green light from the Academic Services Committee to conduct a timetable trial using Syllabus Plus and PeopleSoft data. The aim of the Facilities-funded trial is to develop a University-wide central timetable system by Session 1, 2004. CATS took over from UNIGYM the management and booking of all sportsfields in November 2002. Sportsfield bookings are now incorporated into the Syllabus Plus timetabling system. CATS embarked on a program to install IT and AV suites into smaller teaching venues to meet the huge demand for state-of-the-art teaching technology in all

CATS facilities. However, the availability of funds continues to restrict the rollout of this program.

LOGISTICS SERVICES

POST OFFICE

After many years of lobbying Australia Post, UNSW secured its first Licensed Post Office which is now located in the old State Bank Building. The Post Office opened in October 2002 and enjoyed very heavy patronage during the lead up to Christmas.

FLEET MANAGEMENT

After initial success with the introduction of LPG vehicles, Fleet Management began to purchase fuel/electric hybrid vehicles for the general fleet. Faculties and Schools are being encouraged to follow suit.

GENERAL SERVICES

After many years of operating from Unisearch House, the U Committee was moved to new facilities on the Randwick Campus in the historic Old Tram Shed. General Services undertook the move and continues to work closely with the U Committee to support the book collection service and the bi-annual book fair.

ZONE MAINTENANCE

The six zone maintenance offices received just under 16,000 job requests for repairs, maintenance and minor building alterations. The average building maintenance cost per m² is steadily increasing which reflects the ageing condition of many UNSW facilities. Maintenance costs for 2002 averaged \$20m². Building maintenance costs varied significantly across campus. The oldest building, the Old Main Building recorded \$11.61m²; Scientia, the newest and most prestigious \$39.07m²; the Morven Brown Building (mainly classrooms) \$13.65m²; the science based - Life Sciences Building \$18.55m²; a green building - the Red Centre \$13.13m² and the Chancellery \$18.29m².

ENGINEERING OPERATIONS

Energy management performance objectives have been incorporated into the engineering maintenance contract, currently awarded to Asset Services Pty Ltd. Asset Services are commencing their first extension after their initial three-year contract.

UNSW TRANSPORT PROGRAM

Through the promotions and activities of the Transport Program, UNSW increased public transport patronage despite an overall drop in STA passengers across the State. UNSW recorded approximately 1.5 million passenger boardings for university express services. Non-express services were estimated at more than one million. The University Union recorded the second largest bus ticket sales in New South Wales.

The Transport Program was instrumental in establishing a Bicycle Advisory Group for the University, Randwick City and the Randwick Hospital campuses, as well as the first 'Bike Bus' (an organised commuter bike riding group) from Sydney's inner west to UNSW and Randwick Hospitals. The Transport Program produced comprehensive planning data maps, detailing private vehicle and public transport travel to and from UNSW. The data records staff and student travel and is regarded as a key infrastructure planning tool for the State Government and UNSW.

ENVIRONMENT

The Environment Management Program unit (EMP) consolidated and extended its role in implementing the University's Environment Policy during 2002, both internally and

through its community outreach activities.

The Ecoliving Program, which attracted more than 3000 visitors to its Arthur Street, Randwick site, provided the main EMP outreach focus in 2002. Some 2000 participants attended 60 seminars and workshops. Off-site projects and training activities engaged a cross-section of community sector organisations and 120 volunteers contributed more than 5000 hours of work.

Around 80 UNSW students participated in a diversity of academic projects, including installation of a grid-interactive photovoltaic system at Arthur Street to create the University's first solar-powered student accommodation.

The Ecoliving Program's niche at the interface between University and community was increasingly recognised, enabling external funding for projects such as the 'Cool Communities' household greenhouse gas abatement program and a study into establishing a Sustainability Centre in south-west Sydney.

Ecoliving achieved significant local, state and national media coverage, and Ecoliving's Coordinator, Cameron Little, won Randwick Council's Australia Day Community and Youth Award for service to the environment. Highlights of the year included award-winning displays at the Gardening Australia Live exhibitions and Royal Easter Show.

Internally, the EMP continued to provide specialist support in energy conservation, including the Unswitch campaign, environmental design and recycling.

A key indicator of environmental performance is the level of greenhouse gas emissions associated with the University's activities. Despite a rise of 6.8 per cent in effective full-time student numbers, emissions per capita fell by 5.5 per cent in 2002, while the absolute increase in emissions was held to one per cent.

The Green Office Program initiated several individual School- and Faculty-based projects in 2002 and extended its office-related activities to address the 'greening' of the University's laboratories. EMP staff also provided environmental auditing expertise for a series of compliance reviews of labs organised by the Risk Management Unit. Outreach activities included advice to Planning NSW (previously New South Wales Department of Urban Affairs and Planning) on establishing an office environmental management program and a book chapter on computers and energy efficiency.

The EMP broadened its involvement in the University's teaching activities in 2002 to include delivery of projects for the new First Year Experience program (through Ecoliving), lecturing and student supervision across several courses. The Environmental Auditing Short Course run jointly with the School of Safety Science achieved Quality Society of Australasia accreditation and enabled opportunities for student audits of a range of UNSW facilities. In addition, staff members presented papers relating to the unit's work at one international and three national conferences.

RISK MANAGEMENT

In 2002, the University's Risk Management Unit (RMU) was faced with demanding challenges in all three sections of its operation; insurance, occupational health and safety and workers compensation, nevertheless effective working relationships between the sections has yielded positive results.

The continued downturn in worldwide insurance industry meant cover was difficult to purchase in 2002. As such, new insurance arrangements were negotiated to cover clinical trials and medical malpractice for clinical academics working in public hospitals. In addition, premiums for property and liability insurance also increased. The Occupational Health and Safety Section (OHS) and Insurance sections of RMU have collaborated with UNSW International to provide practical advice on risk management for senior managers and staff travelling overseas on UNSW business.

The OHS section introduced an internal OHS management system auditing program and continued to implement key strategies in OHS consultation, risk management and OHS training. UNSW also had its second external OHS audit by WorkCover NSW. The audit impacted significantly on the section's workload. Two new staff facilitated improved management systems and coordinated both internal and external training in relation to gene technology. Memorandums of Understanding were developed between UNSW and five other accredited organisations, using

UNSW's Institutional Bio-Safety Committee for research approvals and facilities certification involved dealings with genetically modified organisms. RMU also undertook an initial environment operations survey within the Faculty of Science, provided professional advice to Facilities on the new, larger capacity, purpose-built radiation store and facilitated staff consultation during the store's planning and building.

The workers compensation and rehabilitation section recorded reductions in claims, lost-time duration and cost, despite the introduction of new legislation in both New South Wales and the Australian Capital Territory. This involved training of staff, the implementation of changes to procedures and faster claims liability determination and processing. Performance with the Group of Eight universities (Go8) was benchmarked in the beginning of 2002 against key performance indicators for the 2001 claims period. Comparative Go8 rankings for UNSW were strong against incidence of claims per 100 employees (equal third), claim frequency rate per 10⁶ hours worked (third) and average lost-time-hours per lost-time-injury claims (fourth).

INSURANCE

As forecast in the 2001 Annual Report, the loss of capacity in the worldwide insurance market has adversely affected the University's 2002 insurance program. In 2002 the University continued to arrange all major property and liability insurance

through The Australian and New Zealand Universities Protection and Indemnity Foundation, with the remainder of the University's cover arranged through two small insurance brokers.

This strategy resulted in the scope of cover being maintained at comparable levels to 2001, however, in keeping with the general insurance market trend, premium costs for property insurance and liability insurance increased by 38.5 per cent and 53.7 per cent respectively.

In March 2002, the RMU successfully negotiated a unique indemnity insurance contract to cover clinical trials. The ground-breaking policy is underwritten by Lloyds of London and similar coverage has subsequently been made available to all other universities throughout Australia and New Zealand.

Medical malpractice for Clinical Academics working in the public health system is one major area where the University has been unable to secure commercial insurance cover. After extensive discussions, RMU successfully negotiated an indemnity with the New South Wales Department of Health for 2002, which limits the University's loss exposure to \$250,000 for any one event, with an aggregate limit of \$1,000,000 during the year.

The global insurance market continued to deteriorate markedly during 2002, and further significant premium cost increases are anticipated for 2003. These additional premium imposts are likely to be accompanied by reductions

in the scope of cover provided and an increase in deductible levels.

WORKERS COMPENSATION AND REHABILITATION

From 1 January 2002, significant changes in State legislation, under which the University operates as a self-insurer for workers compensation, were introduced. The new legislation is designed to reduce the overall cost of worker compensation claims through faster claim payments, with a resulting reduction in litigation due to claim disputes.

University College (ADFA) in the Australian Capital Territory, is also self-insured for workers compensation, although claims are administered centrally at the Kensington campus. New workers compensation legislation commenced in the Australian Capital Territory from 1 July 2002, which will reshape the current scheme from one based on entitlement, to an injury management focus, with an early and safe return to work for injured workers.

To achieve compliance with the legislation in both states, University staff in New South Wales and the Australian Capital Territory implemented strategies and procedural changes during 2002 which included training sessions from both government and private sources in each State, the revision and creation of internal procedures to ensure UNSW can continue to meet legislative requirements for the management of workers compensation claims and the securing of legal advice and guidance on the new legislation.

The number of claims registered for New South Wales during 2002 increased by seven per cent compared to 2001. This was mostly due to motor vehicle related claims which were beyond the control of UNSW. While claim numbers for 2001 and 2002 are comparable, the claims for 2002 were generally less severe in nature. The

average time lost from work for all claims in 2002 was 5.55 days compared to 14.14 days per claim in 2001, while the estimated cost of claims was 37 per cent lower compared to 2001.

In the Australian Capital Territory, the number of claims registered for 2002 fell by approximately 50 per cent compared to 2001 levels, while the amount expended on claims was 85 per cent lower than for 2001.

During 2002, our Return to Work Coordinator carried out 84 non-claim related workplace assessments for New South Wales staff reporting injuries, potential injuries or ergonomic problems. This represented a 27 per cent increase in assessments compared to 2001. As a consequence of claims registered in 2002, 46 staff participated in rehabilitation programs to assist them in their return to work.

OCCUPATIONAL HEALTH, SAFETY AND ENVIRONMENT

During 2002, the OHS section initiated strategies to implement key requirements of the NSW Occupational Health and Safety Regulation 2001, with respect to OHS consultation and risk management.

A three-tiered OHS consultation structure operates at UNSW. The OHS Policy and Strategic Planning Committee (Level 1) met quarterly and provided strategic direction in the prevention of violence on campus, plant safety, emergency management and the management of significant occurrences. The Committee's internal review of performance in March 2002, against its key performance indicators, was favourable although areas of improvement were identified.

OHS Program Implementation Committees (Level 2 high-risk areas or combined 2/3 medium- and low-risk areas) are established in all Faculties and Divisions and have completed training and held meetings during the year. In December, 86 per cent of the 15 committees reported

to the Level 1 Committee on their activities relating to key performance indicators. The Level 3 workplace OHS committees undertake regulatory functions and report to Level 2 committees on their activities and Faculty/Division-wide issues. Their primary concerns during 2002 involved emergency management structures and the time and cost of electrical testing and tagging.

Key initiatives in relation to risk management have included the planning and construction of a new purpose-built radiation isotope store to replace the existing facility. This included advice from the Radiation Health and Safety Coordinator and external consultation on storage requirements before, during and after construction and planning and undertaking the safe transport of radiation substances from the old facility to the new store in January 2003.

Advice was also provided on the new regulatory requirements for electrical testing and tagging of equipment, contractors and training, and progress was monitored in relation to scheduling and the completion of testing. The majority of areas are using contractors, although most Schools in the Faculty of Engineering have completed training, purchased test equipment and are doing their own testing.

New guidelines were developed on the storage of hazardous substances to assist those with responsibilities for their storage. The cost of implementing the regulatory requirements for plant safety has been estimated and will require a staged approach by Facilities and those Faculties with plant and equipment in laboratories and workshops.

Fieldwork guidelines and templates for risk assessment, field trip notification, and medical questionnaires for students were developed in consultation with a working party.

These have also been adapted for use by staff on UNSW business travel.

Liaison between the Managers of Security and OHS and Environment on strategies to increase personal safety on campus will lead to the development of a UNSW Critical Incident Management Plan in 2003.

Two new staff commenced in early 2002 to assist with developing and implementing improved systems for managing the OHS risks of general research and those particularly associated with gene technology research. This involved the creation of an RMU database for OHS approvals which tracks research proposals by risk type and the OHS Coordinator(s) responsible for reviewing risk assessment to allow more efficient advice and approvals to researchers and the Research Office. There has also been increased liaison between OHS and the Research Office and OHS input into the Research Office's new 2003 Research Clearance form (RO2).

As a legislative requirement, improved data management systems have been developed for gene technology research and facility certification, and there has been a transition from deemed licensing and certification of facilities to approved licenses and facilities. Staff also worked on the preparation of UNSW Annual Report to the Gene Technology Regulator. In addition, OHS has improved outreach, advice, support, data provision

and training to researchers and other accredited organisations using UNSW Institutional Bio-safety Committee (IBC) for research approval and facility certification.

Memoranda of Understanding, prepared by the Legal Office in consultation with the Pro-Vice-Chancellor (Research), OHS Coordinator (Gene Technology/ Research) and accredited organisations and research affiliates, were signed between UNSW and other accredited organisations under Gene Technology legislation. In August, a Gene Technology Regulator's on-site training course was held at UNSW for researchers and invited research affiliates, and training programs on gene technology were also held for senior managers and research staff during the year.

The OHS section is one of the University's primary training providers in terms of legislative compliance. During the year, OHS staff provided extensive training on the management of laboratory risk (including, bio-safety and infection control, introduction to radiation safety; risk assessment and hazardous substances); laboratory safety awareness for cleaners and maintenance personnel; prevention of occupational overuse injury; risk management for supervisors and OHS 'due diligence' training for Heads of Schools, research centres and senior managers. OHS also conducted induction training for new staff and

OHS awareness for employees and consultation training for workplace OHS committees and representatives. Various other internal units provided OHS-related training and arranged external trainers for first aid and emergency training. Following consultation between OHS and Staff Development, the University intends to develop a centralised training database linked to personnel records, for all legislative training records in 2003.

In May, UNSW's OHS management system was audited by WorkCover as required under the workers compensation licence. This involved extensive planning and coordination by the OHS team for the four-day on-site audit, followed by the development of UNSW audit action plans and corrective actions on identified non-compliance areas. The audit highlighted the strengths and effectiveness of the OHS consultation, but also identified areas for improvement which are being progressively addressed, including the need for more senior management involvement, increased resources, and improved communication and documentation of the corporate OHS management system. A three-year campus-wide internal OHS audit schedule commenced in September to raise awareness at the Unit level of UNSW's OHS policies and procedures, identify training needs and documentation requirements, and improve hazard reporting and corrective action processes.

UNIVERSITY CONTROLLED ENTITIES

Fully-audited financial details for University Controlled Entities are found in Volume Two of the 2002 Annual Report.

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.

The Board of Directors comprises the Vice-Chancellor and President, Professor Wyatt R Hume, Chair; 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, Vice-President and Finance Director, Fresenius Medical Care Asia Pacific and Deputy President, Hong Kong Branch, CPA Australia.

AGSM CONSULTING LTD

AGSM Consulting Ltd is a non-profit company owned by The University of New South Wales. During 2002 the operations of the company have been wound down and it is anticipated that during 2003 the company will be non-operating.

AGSM LTD

AGSM Ltd is a non-profit company formed by The University of New South Wales and The University of Sydney for the joint purpose of utilising the talent, energies and resources of both Universities to produce a powerful centre of excellence for teaching and research in business. AGSM Ltd is owned in the proportion of two-thirds/one-third respectively. As such its results are consolidated in the accounts of The University of New South Wales.

NEWSOUTH ENTERPRISES PTY LTD

NewSouth Enterprises was originally established as a shelf company to oversee the operations of Unisearch Limited and NewSouth Global Pty Ltd. As the company is not required to fill that role, it was proposed that the company be de-registered in 2002. NewSouth Enterprises has not traded since it was established in 1999.

NEWSOUTH GLOBAL PTY LTD

NewSouth Global is the international education, training and consultancy arm of the University. A wholly-owned subsidiary of UNSW, it had 231 full-time staff at December 2002 and an annual turnover of \$62M. Profits from NewSouth Global activities are donated to the University and used for scholarships and matching funds for the UNSW Foundation.

The Vice-Chancellor of UNSW acts as the Chair of the company and the Chief Executive Officer is the Deputy Vice-Chancellor (Education and Enterprise), Professor John

Ingleson. Other Directors during 2002 included Professor Mark Wainwright, Deputy Vice-Chancellor (Research and International).

The business divisions comprising NewSouth Global during 2002 were the Educational Testing Centre, Foundation Studies, UNSW International Projects, the UNSW Institute of Languages and UNSW Study Abroad. NewSouth Global is also responsible for the operational management of the UNSW offshore offices in Singapore, Bangkok and Hong Kong and the Australian Institute of Languages in Hanoi. The latter is a joint initiative with the Vietnam National University, Hanoi.

The Educational Testing Centre has been a prime provider of educational measurement and assessment services in Australia, New Zealand and the Asia Pacific region for 35 years. During 2002, 1.3 million Australian and more than 320,000 international students participated in the annual schools assessment programs. The Centre also completed various assessment contracts for State education authorities during the year and a diversity of data management and analysis services for UNSW and other educational bodies.

Foundation Studies comprises the University Foundation Year, HSC Unilink, Maths Skills Program and other external programs including Learn 4 Life. The core activity, University Foundation Year, is a full academic program designed to prepare international students for undergraduate studies in Australia. During 2002,

571 Foundation Students continued on to undergraduate study at UNSW.

The UNSW Institute of Languages (UNSWIL) is one of the oldest and largest university language centres in Australia. Established in 1966, it offers a comprehensive range of language courses and services for overseas students, migrants to Australia and international clients from government and industry who require language training beyond the scope of existing university award programs. During 2002, UNSWIL had a total enrolment of 958 students in its English for Academic Purposes, of whom 458 continued on to study at UNSW.

UNSW International Projects provides international consulting services, resources, technical assistance, training and project management to industry, commerce and government on overseas projects. Utilising UNSW resources and expertise, including technical, economic, social, environmental and training aspects of sustainable development, projects in 2002 have included Chinese Public Sector reform and audit training for the Saudi General Auditing Bureau.

UNSW Study Abroad, the leading Australian program of its type, provides opportunities for international students to gain credit for courses at their own institutions while studying on campus in Sydney. UNSW Study Abroad also conducts short courses and a Summer School for six weeks during the Northern Hemisphere summer. More than 1000 students per annum participate in the UNSW Study Abroad programs. In 2002, the division disbursed more than \$4.5M to UNSW Faculties, which also profited by the participation of well-qualified students from top US and European institutions.

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. Acting as an innovation centre, its activities include providing advice and services to researchers from UNSW and 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 collaborative research, expert consulting and specialised testing services of UNSW.

For 2002, Unisearch achieved its target of 70 New Disclosures (formal notification of new intellectual property). However, Unisearch nearly tripled its target of 15 New Licences/Options with 43, and nearly doubled its target of 35 New Provisional Patent

Applications (first stage in patent protection) and New PCTs (second stage), with a figure of 64.

ACYTE BIOTECH PTY LTD

Acyte Biotech Pty Ltd (Acyte) was established by Unisearch Ltd to commercialise leading edge research in the area of mammalian cell production of recombinant DNA-derived proteins. Acyte is jointly owned by UNSW, Unisearch Ltd and the key researchers. The 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 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.

As 2002 was the first fully operational year for Acyte, the board had set no specific measurement targets, except to fulfil the obligations of the four collaborative research agreements that were in place. This was achieved and one additional contract was added during the year.

BIOSIGNAL PTY LTD

Biosignal was incorporated in 1999 to commercially exploit unique antimicrobial compounds that will act to inhibit bacterial processes without causing bacterial resistance. 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.

Biosignal achieved its 2002 target of three New Collaborative Agreements and exceeded its targetted Collaborative Research Income of \$608,000 with \$672,000. While the target of \$3M in New Capital Raised was not achieved (\$0.4M), Grant Funding of \$340,000 was higher than the target of \$250,000.

THE UNIVERSITY OF NEW SOUTH WALES FOUNDATION

(see also page 57)

The company was incorporated in 1988 to act as trustee for 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 2002 the Foundation received almost \$7M to support University projects.

THE UNIVERSITY OF NEW SOUTH WALES INTERNATIONAL HOUSE LIMITED

International House Limited was incorporated in 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. In 2002, the College enjoyed 100 per cent occupancy during the academic year with 159 local and overseas students.

UNIVERSITY OF NEW SOUTH WALES PRESS LIMITED

UNSW Press is incorporated as a not-for profit company, whose directors are appointed by the UNSW Council. During 2002, UNSW Press celebrated 40 years of book publishing, distribution and retail trading with an exhibition, a reception and the publication of a short history and bibliography of its first 721 titles.

The year saw significant growth in sales in all divisions, resulting in a welcome contribution to the Press's cash reserves for future development. The Board set an ambitious budget for the business and this was achieved. Performance measures were reviewed at regular meetings of the Board and its Finance Committee.

During 2002, UNSW Press issued 40 new titles in 48 editions, together with reprints of 27 books. Offers of contract were made for 44 further titles. There were sales of 313 different books and editions, and at the end of 2002 there were 267 books and editions in print. The list includes scholarly books, textbooks, general reference and books which present ideas and debates for the wider community, across the arts and sciences and other professional subjects. There was substantial review coverage and media attention to UNSW Press publications.

At least 14 UNSW Press titles received or were shortlisted for awards in 2002. William S Logan, *Hanoi: A Biography of a City* won the inaugural International Planning History Society prize; Mark McKenna *Looking for Blackfellas' Point* won the Centre for Australian Cultural Studies Award; Julie Marcus *The Indomitable Miss Pink* won the Dibble Award for women writers, and was shortlisted for the Best History Book in The Queensland Premier's Literary Awards; David Whitbread *Design Manual* won its category in

the Awards for Excellence in Educational Publishing; Darin Barney *Prometheus Wired* won the Communication Policy Award of Fordham University; Peter Mares *Borderline: Australia's treatment of refugees and asylum seekers* won the Literary and Cultural Criticism Prize in the New South Wales Premier's Literary Awards and was shortlisted for the New South Wales Premier's Community Relations Award and the Adelaide Festival Awards for Literature (Non-Fiction). Other books shortlisted for awards were Elena Govor *My Dark Brother* for the National Biography Award; Alex Bevan & John de Laeter *Meteorites* for the Eureka Science Book Award; Prue Torney-Parlicki, *Somewhere in Asia* for the Australian Historical Association W K Hancock Prize, with citations in the Centre for Australian Cultural Studies Awards for Val Attenbrow *Sydney's Aboriginal Past*, John Connor *Australian Frontier Wars*, John Perry *The Quick and the Dead*, and Tim Bonyhady and Tom Griffiths *Words for Country*. Torbjorn Lundmark's *Quirky Qwerty*, designed by Di Quick, was highly commended in the Australian Book Design Awards.

UNSW Press books are sold and supplied from warehouses in the USA, Canada, UK, Singapore, Japan, New Zealand and Australia. Additionally, co-editions were prepared by UNSW Press for overseas publishers in the USA and the UK. Licensed editions of UNSW Press books were issued in Indonesian, and contracted for Chinese, French and Portuguese languages.

During the year, the company's book sales and distribution division, UNIREPS, despatched 299,000 books in the imprints of UNSW Press, departments of UNSW and 29 other publishers including university presses and cognate

imprints from the USA, Canada, UK, New Zealand and Australia. New publishers represented in 2002 included Auckland University Press, Broadview, Indiana University Press, and Richmond.

UNSW Bookshop continued to provide a high quality service, selling 203,000 books mostly at a discounted price to all sectors of the University

community, while generating a surplus for other University purposes. There was growth in revenue from textbooks, general and academic books, as well as from special sales to libraries, institutions, overseas students and alumni. The number of customers increased over previous years, partly due to the sales of books to the wider community and

participation in off-campus activities.

Further editions of the electronic newsletter Words brought information about books and reading to thousands of recipients on and beyond the campus. In June 2002, UNSW Bookshop was named Australia's 'Campus Bookstore of the Year' on the nomination of Australian publishers.

LEGAL AFFAIRS

As reported in the 2001 Annual Report, the University of New South Wales Act 1989 was amended in that year. The amendments took effect in 2002. In accordance with the requirements of the amended Act, the Council has adopted guidelines for Commercial Activities which have been submitted to the Minister for approval. The University has appointed a Compliance Officer

to manage the implementation of the guidelines and set up the Register of Commercial Activities required under the Act.

The Independent Commission Against Corruption (ICAC) held a seminar for all universities in New South Wales which was attended by the Vice-Chancellor, members of Council and senior management of the University. The seminar empha-

sised the need for universities to be aware of, and comply with, the regulatory regimes administered by the ICAC, Ombudsman and Auditor-General. There is increasing awareness of, and commitment to, compliance with these requirements within the University. The implementation of a compliance regime and awareness program will be an ongoing process.

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 *Undergraduate* and

Postgraduate Handbooks and certain other official publications are available also on the University's website at www.infonet.unsw.edu.au

The following official publications are produced annually.

<i>Official Publications</i>	<i>Cost</i>	<i>Postage</i>	<i>Overseas postage</i>
UNSW Calendar	\$8.00	\$2.50	\$9.00
Summary Volume (ISSN 1325-667X)			
UNSW Undergraduate Handbook (ISSN 1445-6621)	\$19.95	\$2.50	\$9.00
UNSW Postgraduate Handbook (ISSN 1445-663X)	\$12.00	\$2.50	\$9.00

The following University publications are distributed free of charge:

UNSW Annual Reports (ISSN 0726-8459)
UNSW Code of Conduct
UNSW International Prospectus
UNSW Prospectus (ISSN 1036-6644)
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 an increase in the number of applications received

and processed in 2002 compared to previous years. The University, on average, receives and processes less than three new applications a year. During 2002, seven new applications were processed within prescribed time limits. One internal review was conducted with the original determination upheld. One external review was conducted by the Administrative Decisions Tribunal which found in favour of the University. No major issues or problems arose in relation to the administration of the Act during 2002.

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 website.

For further information see Table 'FOI Statistical Summary 2002'.

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 Privacy and Personal Information Protection Act, 1998 ('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 New South Wales legislation with the operating procedures. The Plan, setting out a number of goals and mechanisms for achieving them, is currently under review.

During 2002, one internal review under Part 5 of the Act was conducted. One external review was conducted by the Administrative Decisions Tribunal which dismissed the application.

FOI STATISTICAL SUMMARY 2002

SECTION A NUMBERS OF NEW FOI REQUESTS

<i>FOI Requests</i>	<i>Personal</i>	<i>Other</i>	<i>Total</i>
A1 New (including transferred in)	4	3	7
A2 Brought forward	0	0	0
A3 Total to be processed	4	3	7
A4 Completed	4	3	7
A5 Transferred out	0	0	0
A6 Withdrawn	0	0	0
A7 Total processed	4	3	7
A8 Unfinished (carried forward)	0	0	0

SECTION B WHAT HAPPENED TO COMPLETED REQUESTS

<i>Result of FOI request</i>	<i>Personal</i>	<i>Other</i>
B1 Granted in full	4	0
B2 Granted in part	0	0
B3 Refused	0	3
B4 Deferred	0	0
B5 Completed	4	3

SECTION C MINISTERIAL CERTIFICATES — NUMBER ISSUED DURING THE PERIOD

C1 Ministerial Certificates issued	0
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SECTION D FORMAL CONSULTATIONS

D1 Number of requests requiring formal consultations	Issued: 0	Total: 0
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SECTION E AMENDMENT OF PERSONAL RECORDS

<i>Result of Amendment Request</i>	<i>Total</i>
E1 Result of amendment – agreed	0
E2 Result of amendment – refused	0
E3 Total	0

SECTION F NOTATION OF PERSONAL RECORDS

F1 Number of requests for notation	0
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SECTION G FOI REQUESTS GRANTED IN PART OR REFUSED

Basis of disallowing access — Number of times each reason cited in relation to completed requests which were granted in part or refused.

<i>Basis of disallowing or restricting access</i>	<i>Personal</i>	<i>Other</i>
G1 Section 19 {application incomplete, 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}	0	2
G5 Section 25 (1) (b), (c), (d) {otherwise available}	0	0
G6 Section 28 (1) (b) {documents not held}	0	1
G7 Section 24 (2) – deemed refused, over 21 days	0	0
G8 Section 31 (4) {released to Medical Practitioner}	0	0
G9 Totals	0	3

FOI STATISTICAL SUMMARY 2002

SECTION H COSTS AND FEES OF REQUESTS PROCESSED

	Assessed Costs	FOI Fees Received
H1 All completed requests	\$0	\$250

SECTION I DISCOUNTS ALLOWED

Type of Discount Allowed	Personal	Other
I1 Public interest	0	0
I2 Financial Hardship – Pensioner/Child	0	0
I3 Financial Hardship – Non profit organisation	0	0
I4 Totals	0	0
I5 Significant correction of personal records	0	0

SECTION J DAYS TO PROCESS – NUMBER OF COMPLETED REQUESTS BY CALENDAR DAYS

Elapsed Time	Personal	Other
J1 0–21 days	2	1
J2 22–35 days	1	1
J3 Over 35 days	1	1
J4 Totals	4	3

SECTION K PROCESSING TIME – NUMBER OF COMPLETED REQUESTS BY HOURS

Processing Hours	Personal	Other
K1 0–10 hrs	3	3
K2 11–20 hrs	1	0
K3 21–40 hrs	0	0
K4 Over 40 hrs		
K5 Totals	4	3

SECTION L REVIEWS AND APPEALS – NUMBER FINALISED

L1 Number of internal reviews finalised	1
L2 Number of ombudsman reviews finalised	0
L3 Number of Appeals to the Administrative Decisions Tribunal finalised	1

DETAILS OF INTERNAL REVIEW RESULTS

Bases of Internal Review Grounds on which internal review requested	Personal		Other	
	Upheld	Varied	Upheld	Varied
L4 Access refused	0	0	1	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 Totals	0	0	1	0

EQUITY AND DIVERSITY

INITIATIVES FOR STAFF

A major focus for the Equity and Diversity Unit (EADU) in 2002 was the completion of the Gender Equity in Academic Employment Research Project, conducted by Professor Belinda Probert from RMIT University. In addition to a comprehensive survey of female and male academic staff, focus groups were held with women academics and Heads of School, as part of the research. The Project was completed in early 2002 and the Gender Equity Project Reference Group developed a draft series of strategies for discussion.

In November, the Vice-Chancellor held a forum for academic staff on the Project outcomes and action plan. While the Probert study did not reveal any systemic discrimination against women UNSW academics, very different career patterns for men and women were highlighted, with women suffering considerable disadvantage because of their roles as mothers and carers.

The Vice-Chancellor stressed his support for the Project and UNSW's commitment to action including child care, work and life issues, providing strategic direction at Faculty levels, building gender equity issues into the Career Development Program and research support.

The Vice-Chancellor's Annual Consultation with Women was hosted by the Association of Women in the University of New South Wales (WINU) and the EADU. The guest speaker was Eva Cox, who spoke of the importance of reasserting an 'ethical bottom line' in organisations.

As required, the EADU submitted annual reports to the Equal Opportunity for Women in the Workplace Agency and the Office of the Director of Equal Employment in Public Employment. Key equity priorities or women and equity group staff and strategies to address the priorities were identified.

A Sorry Day morning tea, hosted by the Deputy Vice-Chancellor (Education and Enterprise), was held in the Council Chambers on 31 May for Indigenous and non-Indigenous staff and included performances of Indigenous songs by children from Kanga's House Child Care Centre.

For the benefit of staff from non-English speaking backgrounds, the Workplace English program continued its successful operation with 73 students attending classes where a new series of self-learning resources have been developed.

During 2002, the EADU presented a range of equity-related training sessions. Nine workshops entitled 'Introduction to managing UNSW workplace discrimination and harassment grievances' were held for staff, in a joint initiative with Human Resources. EADU also held information sessions for Personnel Officers, women in Engineering, and the College of Fine Arts (COFA). The computer-based equity training courses, Workplace Discrimination and Harassment, Legal Compliance and Prevention, and Duty of Care, were available online to assist University staff with the identification and prevention of unlawful discrimination

and harassment. Equity sessions were conducted for final year Optometry students and, in conjunction with Counselling, the EADU also ran a training program for contact officers in the Kensington Colleges.

In addition, Staff Development provided a career development program for academic and general staff which included resumé writing and career planning workshops, career coaching opportunities, and the provision of self-paced, career planning programs. The initiative aims to improve career development of all staff and the distribution (through employment levels) of general staff who are members of EEO groups.

Staff Development and the Education and Technology Centre (EDTeC) continued to integrate equity principles and target equity groups in their training programs, and to monitor their participation. Relevant equity issues were addressed in orientation programs for new staff, recruitment and selection training modules and EDTeC courses.

At the beginning of the year, the EADU published and distributed to all staff a brochure on discrimination and harassment complaints. A review of the discrimination and harassment grievance procedures, covering the first 18-months of their operation, was approved by the University Council.

As part of its ongoing project to upgrade the campus for accessibility, Facilities continued to implement the findings from the Access Audit undertaken in 2001. This year, Facilities spent approximately \$1.1M on

upgrading lifts, constructing accessible toilets, handrails, tactile tiling for people with vision impairment and the installation of automatic opening doors.

Human Resources and the EADU initiated a survey of staff who had taken maternity leave in the preceding three years to identify ways of better supporting staff and facilitating their return to work. Recommendations arising from the survey will be developed in 2003.

The WomenResearch 21 program for early-career women researchers received a further two years funding to improve research confidence, effectiveness and productivity in women.

INITIATIVES FOR STUDENTS

In order to encourage more rural students to enrol at UNSW, a range of services for rural students has been developed. The EDU, in conjunction with the Student Equity Network, developed and implemented a new website for prospective rural students. Drawing together relevant information such as accommodation, costs, programs, services, university life, and the experiences of rural students at UNSW, it has been designed to ensure accessibility to students with disabilities and those with low-technology computers. The new website was featured in a UNSW recruitment commercial shown on rural NSW television networks to an estimated audience of 280,000.

The Counselling Service introduced two new components into its Rural Mentoring Program for First Year rural students – ‘super’ mentors to provide extra support for students acting as mentors and an orientation program for parents of rural students. A peer mentoring program for First Year students was established in most Faculties, as well as one for mature age students entering higher education for the first time.

During the year, 33 rural students gained entry into Medicine through the Faculty’s Rural Student Entry Scheme into Medicine (RSES) accounting for 25 per cent of the available local student places.

Additional industry-funded scholarships were created within the Faculty of Engineering’s Rural Scholarships Program. The \$8000 per annum scholarships are provided for the duration of undergraduate studies. Mentoring support within each School, social activities, and networks with rural students from other Faculties have also been provided. The Faculty also continued to award post-graduate research scholarships to women in Engineering.

The Faculty of Law and ATAX continued to provide targeted support for rural students through their peer mentoring programs.

In order to encourage and assist Indigenous students, and in conjunction with the Aboriginal Education Program, the Faculty of Medicine held the Fourth Indigenous Pre Medicine Program. Six Aboriginal students have progressed to First Year Medicine.

In addition, the UNSW Post-graduate Board (PGB) created the position of Indigenous Policy Liaison Officer. The PGB also continued to subsidise childcare for postgraduate students, maintained its Advocacy Service to UNSW postgraduates, and initiated an Outreach Advocacy Service to COFA (in conjunction with the COFA Students Association) for COFA postgraduate students. The PGB is currently updating the Postgraduate Handbook, and developing an Advocacy Database. The latter will highlight key issues for students and assist the PGB to lobby and achieve resolutions.

Activities were also undertaken for the benefit of students with disabilities. A major independent review of the University’s services to students

with disabilities was initiated by the EADU to support staff and identify any improvements in access to education for students. All students with disabilities and staff in contact with them were surveyed with findings and recommendations to be presented to the University’s Senior Management Group in 2003.

In addition, to accommodate additional reporting requirements from the Department of Education, Science and Training (DEST), the EADU established a new database for students with disabilities to record data for disability services and management.

The Faculty of the Built Environment developed programs for students to participate with community-based associations and complete practical design solutions for people with disabilities.

The Academic Board’s Committee on Education introduced disability guidelines for academic staff preparing courses, to help ensure students with disabilities are able to participate in their courses on equal terms with other students.

The Education, Development and Technology Centre (EDTeC) and the EADU provided advice and technical expertise to ensure that people with disabilities had access to the new UNSW Corporate Website. EDTeC also provided advice on flexible course design for academic staff, to cater for the diversity of UNSW’s student body.

In conjunction with the State Library, three events were presented under the Setting Directions banner, by New South Wales universities. The first targeted school leavers and mature age students with disabilities to assist their transition to university, the second was an employment seminar for graduates with disabilities, and the third was an assistive technology expo targeted at students with disabilities and university disability liaison officers.

To address the language difficulties of students from non-English speaking backgrounds, the Faculty of Commerce and Economics provided flexible learning materials, orientation programs, peer-assisted study and academic advisors. The Faculty assisted its rural and isolated students through income and support in specific fields and by providing distance learning options. In addition, the Counselling Service recruited a bilingual counsellor, to better reflect the diversity of student populations in their staffing profile.

To encourage women to engage in non-traditional fields of study, two undergraduate scholarships commenced

for women wishing to study Engineering and one for women studying in any field. The Faculty of Engineering's promotional activities also resulted in a 2.11 per cent increase in new enrolments by female students and a 1.05 per cent increase in the overall numbers of female students in its undergraduate and postgraduate programs.

Institutional analysis of the National Survey of Higher Education Student Finances for UNSW was undertaken and strategies aimed at assisting disadvantaged students will be developed for implementation in 2003.

Disadvantaged students were also the focus of a Careers and

Employment program which provided them with greater access to employment on campus. Under the program, ACCESS students can be given preferential notification of casual jobs at UNSW as they become available. Careers and Employment also offered NESB students the opportunity to gain local work experience and develop skills in a range of office procedures.

As required, the EADU submitted the University's Student Equity Plan to the Department of Education, Science and Training in June, reporting key equity achievements and strategies with regard to the participation of student equity groups at UNSW.

EEO STATISTICAL INFORMATION

TABLE A
PERCENT OF TOTAL STAFF BY LEVEL[1]

ACADEMIC STAFF
SUBGROUP AS PERCENT OF TOTAL STAFF AT EACH LEVEL AS AT 31 MARCH 2002

Level[2]	Total staff (number)	Respondents	Men	Women	Aboriginal & Torres Strait Islander People	People from racial, ethnic, ethno-religious minority groups	People whose language first spoken as a child was not English	People with a disability
A (37,271 – 50,554)	335	41%	48%	52%	0.7%	52%	38%	3%
B (53,216 – 63,196)	1131	31%	66%	34%	0.8%	37%	25%	6%
C (65,190 – 75,169)	696	48%	73%	27%	0%	34%	23%	5%
D (78,495 – 86,475)	304	59%	86%	14%	0%	29%	22%	3%
E[3] (101,112)	491	35%	89%	11%	0%	31%	20%	8%
Total	2957	40%	72%	28%	0.4%	36%	25%	6%
Subgroup totals		1181	2119	838	12	1061	732	168

GENERAL STAFF
SUBGROUP AS PERCENT OF TOTAL STAFF AT EACH LEVEL AS AT 31 MARCH 2002

Level[4]	Total staff (number)	Respondents	Men	Women	Aboriginal & Torres Strait Islander People	People from racial, ethnic, ethno-religious minority groups	People whose language first spoken as a child was not English	People with a disability
1	120	61%	41%	59%	0%	34%	52%	3%
2	56	59%	68%	32%	0%	18%	27%	12%
3	203	59%	41%	59%	1.7%	34%	38%	7%
4	323	68%	28%	72%	2.3%	34%	37%	5%
5	456	61%	41%	59%	0.7%	29%	26%	7%
6	398	63%	43%	57%	0%	37%	27%	6%
7	312	59%	49%	51%	0.5%	36%	28%	5%
8	251	63%	59%	41%	0%	32%	26%	6%
9	105	70%	56%	44%	1.4%	29%	25%	7%
10 & above	85	78%	67%	33%	0%	14%	11%	6%
Total	2309	63%	45%	55%	0.7%	32%	30%	6%
Subgroup totals		1457	1035	1274	17	744	690	140

[1] Staff numbers are derived from the staff statistical collection prepared for the Department of Education, Science and Training, and include staff of University College, Australian Defence Force Academy (ADFA), Canberra, and conjoint, adjunct, and visiting staff.

[2] Academic levels and salaries are set out under the UNSW Academic Staff Enterprise Agreement 2000. There is no match with Crown Employees Award salaries.

[3] Level E (professor) includes senior executive members (Vice-Chancellor, Deputy Vice-Chancellors, Pro-Vice-Chancellors and Deans) who are academic, and whose salaries are above professorial rates.

[4] General staff are paid under three enterprise agreements as of 2000 with seven different salary scales, as follows: two for UNSW general staff in Sydney and NSW-based campuses for 35- and 38-hour per week employees; Institute of Languages salary scales for teaching staff; and in the ACT three scales for University College (ADFA, for general staff, technical officer trainees and apprentices. No salaries match those of the Crown Employees Award.

EEO STATISTICAL INFORMATION

**TABLE B
PERCENT OF TOTAL STAFF BY EMPLOYMENT BASIS**

ACADEMIC STAFF

SUBGROUP AS PERCENT OF TOTAL STAFF IN EACH EMPLOYMENT CATEGORY AS AT 31 MARCH 2002

		Total staff (number)	Respondents	Men	Women	Aboriginal & Torres Strait Islander People	People from racial, ethnic, ethno- religious minority groups	People whose lan- guage first spoken as a child was not English	People with a disability
Permanent	Full-time	1172	61%	76%	24%	0.3%	32%	24%	5%
	Part-time	64	58%	56%	44%	0%	30%	14%	11%
Contract	Full-time	1023	30%	68%	32%	0%	39%	30%	4%
	Part-time	698	19%	71%	29%	0%	50%	17%	4%
Sub-total (not including casual staff)		2957	40%	71%	98%	0.4%	36%	25%	6%
Casual[5]		3388 = 53%	0%	51%	49%	0%	0%	0%	0%
Total (including casual staff)		6345	19%	61%	39%	0.2%	17%	12%	3%
Subgroup totals			1181	2012	3506	12	1061	732	168

GENERAL STAFF

SUBGROUP AS PERCENT OF TOTAL STAFF IN EACH EMPLOYMENT CATEGORY AS AT 31 MARCH 2002

		Total staff (number)	Respondents	Men	Women	Aboriginal & Torres Strait Islander People	People from racial, ethnic, ethno- religious minority groups	People whose lan- guage first spoken as a child was not English	People with a disability
Permanent	Full-time	1446	66%	51%	49%	0.9%	34%	32%	7%
	Part-time	325	63%	20%	80%	0.9%	25%	32%	3%
Contract	Full-time	395	54%	47%	53%	0%	30%	20%	6%
	Part-time	143	55%	33%	67%	0%	30%	22%	6%
Sub-total (not including casual staff)		2309	63%	45%	55%	0.7%	32%	30%	6%
Casual		3870 = 63%	0%	42%	58%	0%	0%	0%	0%
Total (including casual staff)		6179	24%	43%	57%	0.3%	12%	11%	2%
Subgroup totals			1457	2673	3506	17	744	690	140

[5] Casual staff numbers include all casual staff employed for the DEST reporting year, that is 1 April 2001 to 31 March 2002. Note that casual staff may work for as little as one or two hours once in the year, or as a sessional academic for up to 14 weeks teaching one or two hours per week. Casual staff are not asked to fill in EEO membership surveys.

ETHNIC AFFAIRS PRIORITY STATEMENT

UNSW continues to recognise, respect and value the many different cultural, religious and linguistic backgrounds of its students and staff and the University's mission and statement of values incorporates the concepts of diversity, tolerance, multiculturalism and engagement with the community.

This report on the Ethnic Affairs Priority Statement been prepared to fulfil UNSW's statutory obligations under the Principles of Multiculturalism Act (NSW) 2000 and to provide a summary of cultural diversity initiatives conducted by the University during 2002.

STUDENT AND STAFF DIVERSITY

UNSW (including University College, (ADFA)) is a diverse community with students and staff representing 115 language and cultural groups.

STUDENT DIVERSITY

Of the 37,232 students (headcount) in 2002, 18,902 (47 per cent), spoke a language other than English (LOTE) at home (DEST definition). Of these, international students made up 7,512 (39.7 per cent of total LOTE students). Local students made up 11,390, (60.25 per cent of total LOTE students), which exceeds the LOTE representation of 17 per cent of in the New South Wales general population.

The UNSW Student Equity Plan 2003-2005 identified priority areas for the development of strategies to enhance and/or support the University's student equity profile, two of which seek to recognise and

respond to the diverse student population.

One aims to maximise the benefits of a multicultural campus through strategies that provide learning support for students with a non-English speaking background, encourage the active development of inclusive curricula and teaching practices and provide staff training and development in cross-cultural competencies.

The other aims to improve the transition and First Year experience of students by the provision of inclusive orientations, online preparation programs, learning and study skills support, mentoring schemes and equity employment programs.

STAFF DIVERSITY

Of UNSW's 5,266 staff in 2002, 2,638 (50 per cent) had completed an EEO census during their employment. Of these, 887 (34 per cent) staff members indicated their first language spoken as a child was not English.

CULTURAL DIVERSITY

The University's sees the diversity on campus as an opportunity to enhance the cross-cultural skills of all staff and students and promote cultural harmony. The goal is to build a respectful and inclusive approach to mainstream teaching and learning on campus.

Nevertheless, it is also recognised that for some students whose first language is not English, studying in English can add additional pressure in demanding study programs. The University therefore provides additional services to facilitate students' learning among those less familiar with academic English.

During 2002, UNSW implemented new cultural diversity initiatives that incorporate these complementary approaches. At the same time, ongoing strategies were strengthened or expanded in response to the needs of the University community.

CURRICULUM

The Office of the Pro-Vice-Chancellor (Education), together with the Faculties, is working to identify and develop cross-cultural competencies as part of the graduate competencies exercise. Cross-cultural competencies for teaching staff are being developed through staff development activities and quality teaching initiatives.

FACULTY OF THE BUILT ENVIRONMENT

The Faculty continued to examine concepts of diversity, multiculturalism and inclusivity in design and planning courses such as Social Planning.

FACULTY OF COMMERCE AND ECONOMICS

Following UNSW's operational key planning goals, the Faculty has developed a series of strategies to foster the cultural diversity of both staff and students. The Faculty currently has 47 per cent of international enrolments and almost 70 per cent of the total student enrolments who 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 are encouraged to explicitly address this outcome in their 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 values diversity.

Academic staff are 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, including comparative taxation law, business ethics, and financial transactions.

The Faculty continues to provide individual learning support for students through the Education Development Unit, and guides staff in the development of culturally-sensitive assessment processes. The Faculty website currently hosts a discussion paper on Cross-Cultural Teaching and Learning to clarify the principles under which staff are to develop learning processes and to suggest strategies to address barriers to classroom participation.

CELEBRATION OF DIVERSITY

UNSW UNION

The UNSW Union has embraced the cultural diversity of the University community and sought to make its programs and services more relevant to students from diverse backgrounds. During the year, the Union's Student Development Department consolidated a series of cultural diversity initiatives from 2001 including the Learning the Lingo program, *Mosaic* publication and forum series, International Cookbook and the Cultural Diversity Reference Group convened by the Union.

A key Union initiative is the Learning the Lingo program, designed as a support network for international students at UNSW. The program began in August 2001 and has grown consistently to now have 137 interna-

tional student participants and 47 local student volunteers. In this program, international students meet with local student volunteers in an informal setting with the aim of facilitating cultural exchange and improving the participants' English communication skills.

The *2002 International Cookbook* was launched in October as a free publication for students. The Cookbook features recipes and personal stories that reflect the cultural diversity of UNSW students.

Another important project in 2002 was the inclusion of culturally-relevant dates in the 2003 Union Diary, in consultation with the Union's Cultural Diversity Reference Group, which included representatives of International Student Services, University Foundation Year and the International Student Department of the Student Guild.

In addition, the Equity and Diversity Unit and the Office of the Pro-Vice-Chancellor (Education) hosted a roundtable meeting where members of the UNSW community involved in cultural diversity initiatives shared cultural diversity strategies and success stories with a representative from the University of Auckland.

COMMUNITY PARTNERSHIPS

Interaction with the community is essential to the achievement of UNSW's mission to develop an international university of outstanding quality and the University is committed to developing community partnerships.

International Student Services have introduced the Community Volunteer Placement Program to increase the visibility and involvement of international students in the wider community. More than 45 students have volunteered for projects including the Sydney Asia Pacific Film Festival, Randwick Council Bush Regeneration Project, CanTeen Bandana Day,

Australian Volunteers International and the Sydney Festival.

This program has enabled international students to extend their social networks beyond the University into the wider Australian community and to gain new skills and work experience.

FACULTY OF MEDICINE

The Faculty of Medicine has established the Centre for International and Multicultural Health, associated with the School of Public Health and Community Medicine.

The Centre is committed to creating a systemic change in the quality of health care. Its projects and education program are guided by the principles of productive diversity, cultural competence and interdisciplinary practice. Through its research and education programs, the Centre aspires to enhance the cultural competence of the University, the health system, health professionals and other disciplinary domains by fostering an evidence-based approach to all aspects of professional and academic practice.

The Centre has fostered community partnerships giving its work a unique perspective and role. It seeks to involve community, government, academics and health professionals in its governance, research and education programs and its operations are informed by partnerships, networks and consultative processes that include peak bodies through to grass roots community organisations.

In August, the Centre established a partnership with NSWHealth to support the cultural competence of State-wide and Area Multicultural Health Coordinators. The Centre will seek to involve other universities in a coalition with ethnic communities and health services. This partnership brings the University into a new role in community relations, ensuring evidence-based knowledge about diverse communities will be generated, disseminated and applied for the

well-being of communities in New South Wales.

FACULTY OF ARTS AND SOCIAL SCIENCES

'Roads to Refuge' is an educational resource kit designed and produced by the UNSW Centre for Refugee Research in the Faculty of Arts and Social Sciences. The kit introduces students to refugees from a wide range of backgrounds. It helps them to understand what it means to be a refugee, where refugees come from and the important role of refugee women. The kit looks at the different stages of the refugee journey, life in refugee camps, and what it's like to arrive in Australia as a refugee. It examines the services that Australia provides for refugees and encourages students to look at what they could do in their school and community environments. Two versions of the kit exist, for primary and secondary schools. Each contains a video, 15 coloured overhead slides, background notes, teaching suggestions and a workbook for students.

The kit aims to demystify refugee issues, confront community myths and to promote social harmony. The kits have been trialled with both junior and senior students and have received outstanding approval ratings. Funded by an award of \$56,000 from the Migration History Section of the Premier's Department and \$15,700 from NSW Department of Education which has collaborated in the project, the kits will be available for every school and launched in February 2003.

INFORMATION AND SUPPORT FOR STUDENTS

FACULTY OF COMMERCE AND ECONOMICS

The Faculty's Education Development Unit provides ongoing language support through its student services and consultations with individual students. The support includes

discipline-specific materials, guided assignment writing, workshops, and the development of oral and presentation skills. The Unit maintains a staff of ESL-trained learning advisors to address language development within the context of Commerce education. In addition, it conducts Peer Assistant programs that utilise successful students to assist and mentor novice learners in the language and course content.

The Unit conducts orientation programs twice a year for undergraduate and postgraduate students in all Commerce programs. These programs are designed to familiarise both local and international students with the structures and learning processes of the Faculty and maximise participation in their first year of study. The programs specifically address the language and communication skills necessary for successful study and professional life. Student learning workshops are conducted throughout the sessions on research, writing, spoken communication, study skills and assignments.

Additionally, the Faculty has an Academic Advisor 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 inaugural Commerce and Economics Preparation Program (CEPP) for Indigenous students will be offered in 2003. CEPP was initially developed in partnership with the Queanbeyan Regional Council of ATSIC and is designed to enhance Indigenous students access to business and commerce and provide the opportunity to improve academic skills and knowledge in commerce. In addition, the program provides ongoing and culturally-appropriate support to Indigenous students and career opportunities.

CEPP was launched in August 2002 and is supported by the Ryan Family Scholarship and two additional scholarships provided by the Commonwealth Bank and Qantas. AMP has provided an additional scholarship for Indigenous students to progress to postgraduate study.

FACULTY OF LAW

The Faculty of Law offers a tutoring scheme for students from non-English speaking backgrounds. In 2002, this included 'legal English' and orientation activities.

ATAX offered support to non-English speaking background students through its mentoring program. This included early identification of students in difficulty, provision of a grammar skills workbook and promotion of support services for non-English speaking background students in the School's weekly bulletin.

FACULTY OF ARTS AND SOCIAL SCIENCES

The School of Media Arts identified the need to revise teaching practices and included a stronger oral component. The purpose of this revision was to allow immediate feedback from teaching staff and other students and the early identification of students who may need additional language support.

COUNSELLING SERVICE

The Counselling Service has conducted two client satisfaction surveys over 2001 and 2002. An important aim of the surveys was to assess satisfaction with the quality and the perceived cultural sensitivity of the Counselling Service by clients of different cultural backgrounds.

The majority of students responding to the survey reported holding Non-Australian or multiple cultural affiliations. This pattern of cultural affiliation reflects the diverse backgrounds of our population base. The 2002 results were consistent with a

similar survey completed in 2001, rating cultural sensitivity as 'good to very good'. Overall satisfaction of the Counselling Service ranged between 'very good and excellent'.

Awareness of cultural diversity continues to be embedded as a key component into all aspects of program delivery, from one-to-one intervention to group and community outreach and training. This will be maintained in 2003 through activity planning and service delivery.

The Counselling Service recruited a bilingual counsellor to better reflect the diversity of the student population in the staffing profile.

THE LEARNING CENTRE

The Learning Centre is committed to enhancing equality of access and outcomes for all students. 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 provides a safe, supportive, friendly and approachable learning environment where students can access resources and attend workshops to support and enhance their educational development.

Recent surveys of students participating in Learning Centre workshops highlighted the opportunity they provide to meet people of different backgrounds, develop friendships that transcend national and cultural boundaries, and learn about other cultures.

During 2002, the Centre organised programs to enhance the skills needed for academic study. These included the preparatory Academic English and Communications Skills Programs, the University Orientation and Study Skills course, which attracts a significant proportion of students from non-English speaking and less advantaged backgrounds. In addition, the academic skills component of the Indigenous Pre-Law Program sup-

ports Indigenous students preparing to study law.

The joint peer tutoring scheme, organised by the School of Law and Learning Centre, pairs senior law students with First Year students (mainly from non-English speaking backgrounds) to assist with conceptual and language-based support.

The TELL (talk, exchange, listen and learn) support program 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, while conversation classes and pronunciation workshops, attended by students of many different nationalities, involve a high level of cultural and language exchange.

CAREERS AND EMPLOYMENT

During 2002, Careers and Employment received an Innovations Grant from the National Association of Graduate Careers Advisory Services to develop a workshop on 'Expectations of the Australian Workplace: A Career Development Program for International Students'.

The need for a program to orientate international students to Australian workplace expectations was identified through discussions between Careers and Employment and International Student Services (ISS). ISS were concerned that many international students weren't seeking part-time employment during their studies or, if they were successful in gaining employment, they were taking longer to 'get up to speed' due to a lack of understanding of Australian workplace conventions and adjustment issues specific to international students.

International students who return home after their studies with a successful Australian work experience are more likely to have acquired the skills needed in today's global workplace, possessing an advantage in the gradu-

ate recruitment process. The increased number of international students applying for permanent residency in Australia at the completion of their studies also highlights the need for international students to understand the expectations of Australian employers and provide the skills needed to compete more effectively in the competitive graduate market.

The program builds on the orientation programs currently offered to international students by Careers and Employment and will roll out during 2003.

The Volunteer Officer Experience Program enables students from non-English speaking backgrounds to gain work experience, develop office skills and improve their communication skills and employment options.

INTERNATIONAL STUDENT SERVICES

International Student Services (ISS) recognises the challenges faced by the large number of international students on campus. While offering a comprehensive range of services and programs to assist students settle into University and Sydney life, ISS endeavours to increase the visibility and the involvement of international students in the University and the wider Australian community. In 2002, students participated in the Peer Mentor and Uni-buddies Programs and the Community Volunteer Placement Program.

In 2002, Counselling Services and ISS trained 32 senior international students for the Peer Mentor Program allowing the University to support new students by email and face-to-face contact, campus tours, social events and by staffing the 'drop-in centre' during orientation week.

The Uni-Buddies program, established in September, aims to pair senior international students with Foundation Studies students (especially those who are young and whose nationality is not well represented

on campus). Meetings are held monthly to provide an opportunity for Foundation Studies students to connect with the University through networks with senior students.

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.

The Unit aims to ensure equity and diversity competencies and issues are addressed during the developmen-

tal phase of all courses and activities and that equity and diversity principles are reflected in its presenters, resources and training programs. Where 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. Programs have included the development of cultural competencies, including differences between gender and culture, as part of a workshop program for Postgraduate Supervisors; 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.

WORKPLACE ENGLISH PROGRAM

The Workplace English Program provides classes and individual programs to UNSW staff from non-English speaking backgrounds to improve their English language communication skills. In 2002, 48 academic staff members and 26 general staff members from 22 different language backgrounds participated in the program.

NSW GOVERNMENT ACTION PLAN FOR WOMEN 2002 STATEMENT

UNSW is committed to the concepts of equity, diversity, tolerance and multiculturalism for all staff and students. Its key planning goals include attaining best practice in equity performance for staff and students, and encouraging an inclusive orientation in course curriculum and teaching at UNSW. The achievement of these goals includes gender equity for female staff and students at UNSW.

This statement has been prepared to fulfil UNSW's statutory obligations to report on the issues contained in the NSW Government Action Plan for Women 2000-2002 as they relate to the University's operations.

The New South Wales Government Action Plan reflects a range of government objectives toward achieving justice and equality for the women of New South Wales. The primary categories applicable to UNSW are women in employment and education. As a university, UNSW formally reports to Government agencies throughout the year on its equity performance, including the concerns of women staff and students. The specific goals and philosophies of the New South Wales Government Action Plan have been addressed in detail in these submitted reports.

EQUAL OPPORTUNITY FOR WOMEN IN THE WORKPLACE AGENCY (EOWA)

The University's annual report to the EOWA details statistics and analysis of UNSW's workplace gender profile by occupation, employment basis,

employment level, salary, recruitment, promotion, reclassification, separation, together with appropriate action items (such as staff development strategies) and major priorities (such as the gender equity research project).

OFFICE OF THE DIRECTOR OF EQUAL OPPORTUNITY IN PUBLIC EMPLOYMENT (ODEOPE)

UNSW's annual report to ODEOPE on the representation of staff who are members of EEO groups (namely women, Aboriginal and Torres Strait Islanders, people from a non-English speaking background, and people with disabilities) also assesses the University's performance and provides strategies to improve that performance.

Specific coverage of women's concerns includes how women contribute to decision-making and their participation in high-level decision-making bodies, the inclusion of EEO outcomes in University planning, the existence of fair policies and procedures (such as those relating to discrimination, harassment and flexible working arrangements), ensuring managers and employees are trained and accountable for EEO so that the University attains a workplace culture displaying fair practices and behaviours, improvement in the employment access and participation of EEO groups, diversity in the workforce, salary levels and occupations, progress towards targets and benchmarks for the representation of EEO groups, training and development strategies, child care initiatives, and pay equity.

DEPARTMENT OF EDUCATION, SCIENCE AND TRAINING (DEST)

The annual reports on the Educational Profile of students at UNSW for DEST also address some of the Government policy orientations in relation to women's interests. The Profiles examine the University's performance on participation, access, retention and success of students from low socio-economic backgrounds and rural and isolated areas, Aboriginal and Torres Strait Islander students, students from non-English speaking backgrounds, students with disabilities, and women in non-traditional fields of study. The profiles also record the strategies to improve the University's performance that will be undertaken in the next three years.

In addition, the Vice-Chancellor holds an annual consultation with women to hear directly the issues of women staff. Organised by the society of women at UNSW (WINU) and the Equity and Diversity Unit, focus groups, information and report-back sessions to follow up the issues raised are also held. In 2002, the new Vice-Chancellor, Professor Wyatt R Hume also held a consultation with students which allowed women students to voice their concerns and proposals.

The UNSW Gender Equity in Academic Employment Research Project completed in 2002 identified the representation of academic women as a key performance goal for the Vice-Chancellor, senior managers and Deans in 2003.

HUMAN RESOURCES AND INDUSTRIAL RELATIONS

The University's industrial relations policies and practices are largely governed by the UNSW (General Staff) Enterprise Agreement 2000 and the UNSW (Academic Staff) Enterprise Agreement 2000.

Industrial relations policies and practices covered by these agreements include job security, workplace change, hours worked, types of employment categories, workplace management, leave and salaries.

Enterprise agreement documents, in addition to a range of other University Human Resource policy documents, are available at www.hr.unsw.edu.au.

UNSW SENIOR EXECUTIVE 2002

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Deputy Principals	2	2	2	2	2	2	2	1	1	1
Chief Financial Officer	0	0	0	1	1	1	1	1	1	1
Pro-Vice-Chancellors	0	1	1	1	1	2	3	3	3	2
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	6	6	7	7	8	9	8	8	7
Female Senior Executives	1	2	3	3	3	3	3	1	2	2

HUMAN RESOURCE STATISTICS — ACADEMIC STAFF

Level	Salary Range (\$)	FTE			% of level who are Female	% of total Female	% of total Male
		Female	Male	Total			
2002							
Level E (Professor)	101,112	26	242	268	10%	4%	18%
Level D (Associate Professor)	78,495 - 86,475	31	217	248	13%	5%	16%
Level C (Senior Lecturer)	65,190 - 75,169	158	420	578	27%	27%	31%
Level B (Lecturer)	53,216 - 63,196	220	334	554	40%	38%	25%
Level A (Associate Lecturer)	37,271 - 50,554	148	145	293	50%	25%	11%
Total		582	1,358	1,940	30%	100%	100%
%		30%	70%				
2001 (Note: figures are subject to variation)							
Level E (Professor)	99,129	22	261	283	8%	4%	19%
Level D (Associate Professor)	76,956 - 84,780	31	218	248	12%	5%	16%
Level C (Senior Lecturer)	63,912 - 73,695	136	384	520	26%	24%	28%
Level B (Lecturer)	52,173 - 61,957	209	372	581	36%	37%	27%
Level A (Associate Lecturer)	36,540 - 49,563	167	152	319	52%	30%	11%
Total		565	1,385	1,951	29%	100%	100%
%		29%	71%				

HUMAN RESOURCE STATISTICS — ACADEMIC STAFF

Level	Salary Range (\$)	FTE			% of level who are Female	% of total Female	% of total Male
		Female	Male	Total			
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%				

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%				

1998							
Level E (Professor)	92,487	19	237	256	7%	3%	15%
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%				

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%				

HUMAN RESOURCE STATISTICS — ACADEMIC STAFF

Level	Salary Range (\$)	FTE			% of level who are Female	% of total Female	% of total Male
		Female	Male	Total			
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%				

Notes

- (1) Totals may not match due to rounding
- (2) Some of the data in the table above has been corrected from that published in the 2001 UNSW Annual Report
- (3) Statistics reported as at 31 March
- (4) Statistics include full-time, part-time, continuing and fixed-term academic staff (ie excludes casual staff)
- (5) Statistics include ADFA academic staff and those AGSM academic staff recorded on the PeopleSoft database

HUMAN RESOURCE STATISTICS — GENERAL STAFF

	Salary Level	FTE			% of level who are Female	% of Total Female	% of Total Male
		Female	Male	Total			
2002	Level 1 & Below	34	36	70	49%	2%	3%
	Level 2	13	38	52	26%	1%	3%
	Level 3	118	100	218	54%	8%	9%
	Level 4	258	105	362	71%	18%	9%
	Level 5	314	202	515	61%	22%	18%
	Level 6	249	191	440	57%	18%	17%
	Level 7	182	172	354	51%	13%	15%
	Level 8	114	161	276	41%	8%	14%
	Level 9	66	72	137	48%	5%	6%
	Level 10 & Above	48	70	118	41%	3%	6%
	Total	1,396	1,146	2,541	55%	100%	100%
2001*	Level 1 & Below	33	33	66	50%	3%	3%
	Level 2	18	38	56	32%	1%	4%
	Level 3	141	104	245	58%	11%	10%
	Level 4	223	107	330	68%	18%	10%
	Level 5	276	183	458	60%	22%	17%
	Level 6	193	175	368	52%	16%	16%
	Level 7	175	154	329	53%	14%	14%
	Level 8	93	152	245	38%	8%	14%
	Level 9	44	61	104	42%	4%	6%
	Level 10 & Above	37	64	101	37%	3%	6%
	Total	1,233	1,070	2,303	54%	100%	100%

HUMAN RESOURCE STATISTICS — GENERAL STAFF

2000	Salary Level	FTE			% of level who are Female	% of Total Female	% of Total Male
		Female	Male	Total			
	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	1,140	2,434	54%	100%	100%
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%

HUMAN RESOURCE STATISTICS — GENERAL STAFF

1997	Salary Level	FTE			% of level who are Female	% of Total Female	% of Total Male
		Female	Male	Total			
	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	45%	9%	11%
	Level 9	24	35	60	40%	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	43%	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%

Notes

(1) Totals may not match due to rounding.

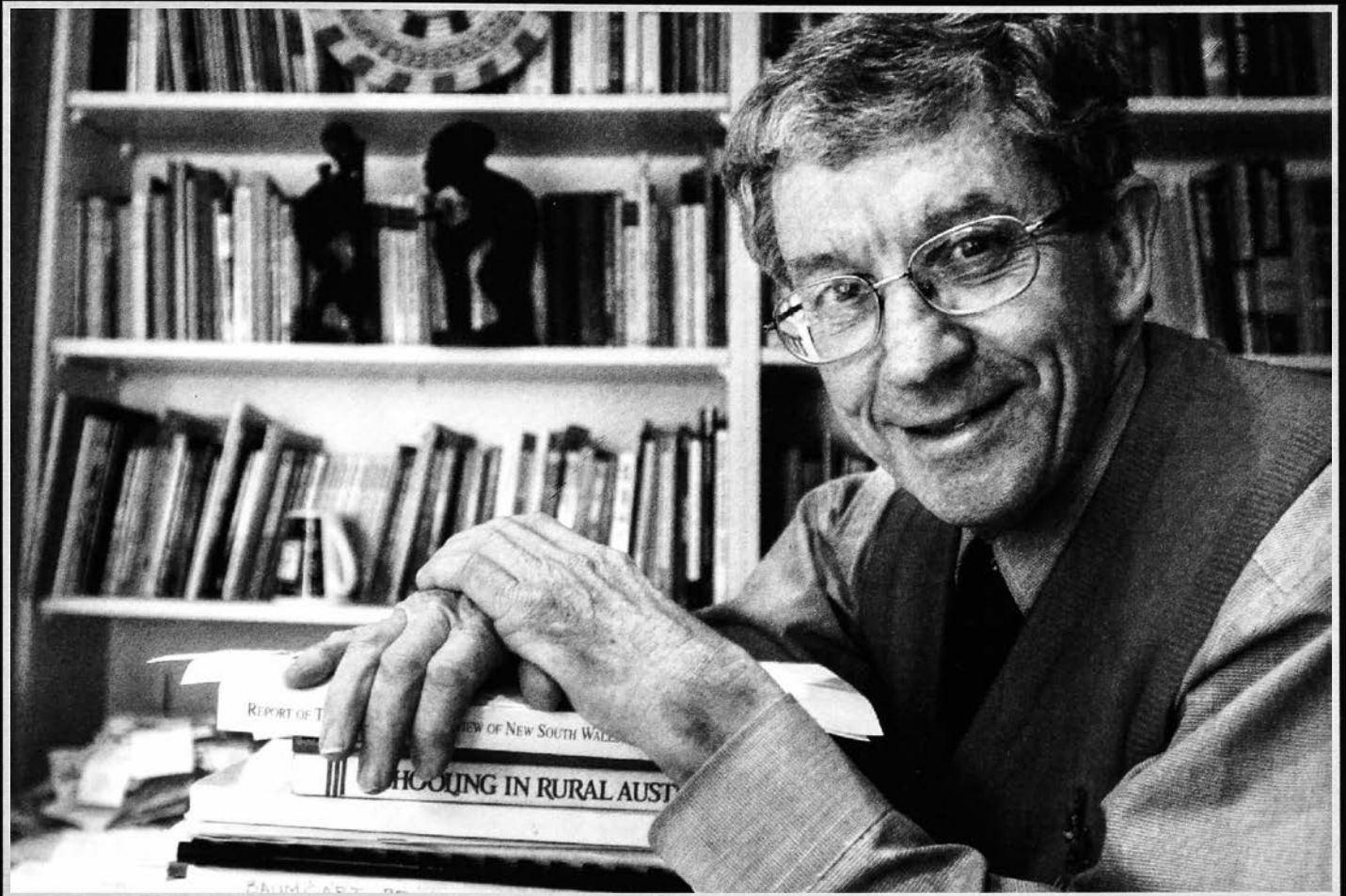
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(3) Statistics reported as at 31 March.

(4) Statistics include full-time, part-time, continuing and fixed-term general staff (ie excludes casual staff).

(5) Statistics include ADFA general staff and those AGSM general staff recorded on the PeopleSoft database.

* 2001 figures are subject to variation.



U N S W 2 0 0 2

Associate Professor **ALAN WATSON** from the **SCHOOL OF EDUCATION** becomes the *first Australian* to receive the **International Citation of Merit from the International Reading Association** – one of the the literacy field's **highest honours** – for his **RESEARCH INTO LITERACY** and his **outstanding contribution** to education in Tanzania.

Part FIVE

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U N S W 2 0 0 2



Associate Professors RAE FRANCES
and BRUCE SCATES from the
School of History win the \$40,000
Australian Award for University
Teaching. They are credited with
revitalising TEACHING of first-year
Australian history at a time of
declining interest in the *subject* at
other universities.

FINANCE

FINANCIAL REPORT

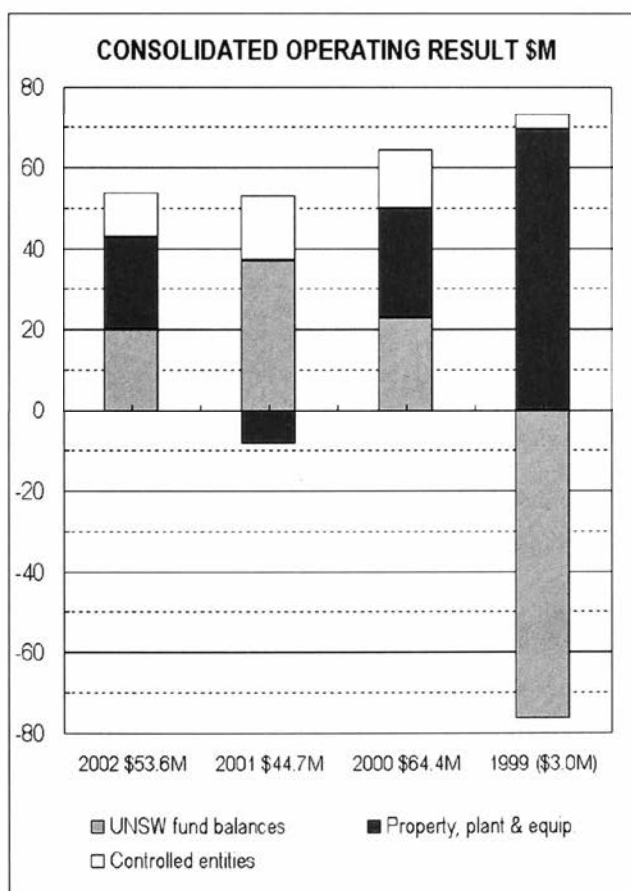
The Financial Report for the year ended 31 December 2002 has been prepared in accordance with Section 41B of the Public Finance and Audit Act 1983. The NSW Auditor General has furnished an opinion on the Statements in terms of Section 41C(1B) and 1(C) of that Act. Both the Report and the opinion are shown on pages 123 to 125 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 2002

The consolidated operating result for the year ended 31 December 2002 was a surplus of \$53.6M (\$44.7M surplus in 2001). 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



	2002	2001	2000	1999
	\$M	\$M	\$M	\$M
Operating Revenue (i)	834.9	763.3	715.1	640.8
Operating Expenditure (i)	(782.1)	(718.8)	(649.6)	(627.2)
	52.8	44.4	65.6	13.6
Outside equity and tax	0.8	0.2	(1.1)	(16.7)
Operating Result	53.6	44.7	64.4	(3.0)
<i>Represented by</i>				
Changes in the University's:				
Unrestricted funds (ii)	14.8	34.5	(3.2)	(58.9)
Restricted funds (iii)	4.0	1.6	21.0	(11.5)
Prepaid and unexpended grants	1.4	1.0	5.2	(5.9)
Fund balances (ii)	20.2	37.1	22.9	(76.3)
Property, plant & equip (iv)	22.5	(8.5)	26.9	69.2
Operating results of controlled entities	11.0	16.1	14.6	4.0
Operating Result	53.6	44.7	64.4	(3.0)
(i) excludes deferred superannuation	63.8	84.2	(57.8)	(35.0)
(ii) excludes transfer from/(to) reserves	9.8		2.9	
(iii) includes research, endowment and beneficial funds				
(iv) excludes changes in the asset revaluation reserve				

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

TABLE 2: 2002 RESULTS OF ENTITIES IN THE UNSW GROUP

	Revenue	Expenses	Operating result after tax	Accumulated funds
	\$'000	\$'000	\$'000	\$'000
University	701,487	658,804	42,683	926,134
Deferred employee benefits for superannuation	63,776	63,776	-	-
	765,263	722,580	42,683	926,134
AGSM Ltd and AGSM Consulting Ltd	44,881	48,380	(2,563) ⁽ⁱ⁾	7,599 ⁽ⁱ⁾
UNSW International House Ltd	1,524	1,380	144	2,733
UNSW Press Ltd	14,265	13,964	302	1,098
Unisearch Ltd	19,008	18,505	504	7,712
NewSouth Global Ltd	65,107	57,047	8,060	14,117
UNSW Foundation Ltd as trustee for the UNSW Foundation	6,936	4,372	2,564	29,476
Australian Education Consultancy Ltd	1,757	989	642	1,245
Biosignal Pty Ltd	1,031	1,480	(448)	(491)
Acyte Biotech Pty Ltd	964	860	101	101
Inter-group eliminations	(22,044)	(23,699)	1,652	(5,917)
	898,692	845,858	53,641	983,807

(i) Excludes the University of Sydney's interest in AGSM's operating loss, \$0.937M, and accumulated funds, \$3.85M.

During the year Reserves decreased by \$120.2M due to:

- \$9.7M in revaluation gains from previous years that were realised in 2002 and transferred from reserves to accumulated funds;
- \$4.3M net decrease in the value of investments; and,
- a net revaluation decrement of \$106.2M in land and buildings, which includes a \$77.4M decrement resulting from an overstatement of revalued buildings in the prior year.

By the end of 2002 UNSW's liability for NSW State emerging cost superannuation schemes had increased to \$309.2M, a \$63.8M, or 26.0 per cent, increase on the previous year. Movements in the liability over the last five years have been:

	2002	2001	2000	1999	1998
	\$'000	\$'000	\$'000	\$'000	\$'000
Liability at 31 December	309,210	245,434	161,273	219,107	254,147
Change in liability from previous year	63,776	84,161	(57,834)	(35,040)	(2,867)

Under the accounting treatment that is required to be adopted, the increases in the liability in 2001 and 2002 have the effect of misleadingly increasing University and Consolidated revenues and expenses by \$84.2M and \$63.8M, respectively. Conversely, in the previous three years revenue and expenses in those years were 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 State Superannuation* have been excluded from revenue and expenses.

After excluding *Deferred Government Superannuation Contributions*, revenue increased by \$71.6M, or 9.4 per cent, over the year from \$763.3M to \$834.9M, due to the following movements:

	increase/(decrease)
• Fees for courses	\$26.7M
• Consultancy and contract research	\$18.9M
• HECS and PELS	\$14.6M
• Commonwealth block grants	\$14.0M
• Donations, bequests, scholarships and other income	\$1.3M
• Other fees and charges	(\$0.3M)
• Investment income	(\$3.6M)

As a percentage of total revenue, block grants from the Commonwealth declined from 31.5 per cent in 2001 to 30.5 per cent in 2002. When taken together with HECS, PELS, consultancy and research grants provided by the Commonwealth and NSW governments, the percentage is 49.7 per cent in 2002, compared to 49.4 per cent in 2001.

After excluding *Deferred Employee Benefits for State Superannuation*, expenses rose by \$63.3M over the previous year, or 8.8 per cent. Movements were:

	increase/(decrease)
• Employee benefits	\$30.3M
• Consumables, overheads, other, etc	\$22.1M
• Contract services	\$7.4M
• Repairs and maintenance	\$3.8M
• Travel and entertainment	\$3.5M
• Bad and doubtful debts	\$1.5M
• Scholarships and awards	(\$1.6M)
• Depreciation and amortisation	(\$3.7M)

Net cash from operating activities, investment activities and Government increased by \$28.4M, compared with a \$37.4M increase in the previous year. Payments for Property, Plant and Equipment in 2002 were \$71.6M, compared to \$41.1M in 2001.

Assets have increased by \$47.3M and liabilities have increased by \$105.0M, with the result that by the end of 2002 net assets had decreased by \$57.7M or 5.0 per cent. Changes in assets and liabilities included:

ASSETS:

- Overall cash and investments have increased by \$32.2M;
- The value of land and buildings, net of depreciation, decreased by \$70.2M, which included a \$28.8M decrement due to revaluations and a \$77.4M write down. The value of plant and equipment, net of depreciation, decreased by \$9.1M;
- Deferred Government Superannuation Contributions increased by \$63.8M. Other receivables increased by \$7.4M and other assets (including inventories) increased by \$23.2M;

LIABILITIES:

- Provisions for long service leave, annual leave, workers compensation and Professorial Superannuation increased by \$17.3M. Provisions for Deferred Employee Benefits for State Superannuation increased by \$63.8M;
- Accrued expenses and sundry creditors increased by \$2.5M and \$0.9M, respectively; and,
- Income in advance increased by \$16.2M and other liabilities increased by \$4.3M.

UNIVERSITY (ONLY) RESULTS FOR 2002

The University's 2002 Budget was approved by the Council of the University on 26 November 2001. The 2003 Budget was approved by Council on 16 December 2002. 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 UNSW Budgets.

The actual net operating result for 2002 of \$42.7M was \$3.3M more than the budgeted result.

TABLE 3: STATEMENT OF FINANCIAL PERFORMANCE FOR YEAR ENDED 31 DECEMBER 2002 – University columns

2001 Actual \$'000		2002 Actual \$'000	2002 Budget \$'000	2003 Budget \$'000
	Commonwealth financial assistance:			
191,452	HEFA	205,817	198,049	206,679
32,862	HEFA and ARC research	34,947	32,016	37,055
48,975	Other Commonwealth grants	48,573	46,666	50,262
3,946	NSW Government financial assistance	6,712	3,215	4,949
71,865	Higher Education Contribution Scheme	75,991	74,938	77,239
191,560	Fees and charges (including PELS)	214,531(i)	179,764	218,902
60,039	Consultancy and contract research (incl C'wlth)	70,943	80,709	64,929
31,578	Other revenue	29,692	40,685	28,537
17,189	Investment Income	14,281	15,087	11,618
649,466		701,487	671,129	700,170
84,161	Deferred Gov't superannuation contributions	63,776		
733,627	REVENUE	765,263	671,129	700,170
361,620	Employee benefits	380,608	368,884	389,283
44,206	Depreciation and amortisation	39,831	49,026	45,506
17,902	Repairs and maintenance	20,907	18,571	19,373
32,439	Scholarships and Awards	34,686	33,322	33,715
41,850	Contract Services	48,529	42,745	48,562
21,543	Travel and entertainment	22,858	15,829	21,400
102,804	Consumables and other expenses	110,041	103,400	106,966
(1,520)	Bad and doubtful debts	1,344	-	312
-	Strategic and contingent expenditure	-	-	5,500
620,844		658,804	631,777	670,617
84,161	Deferred Employee Benefits for Superannuation	63,776		
705,005	EXPENSES	722,580	631,777	670,617
28,622	NET OPERATING RESULT	42,683	39,352	29,553
845,810	Accumulated Funds at 1 January	874,432	874,432	926,134(ii)
	Transfer from/(to) Reserves	9,019		
874,432	Accumulated Funds at 31 December	926,134	913,784	955,687

(i) Includes \$21.3M (\$20.3M in 2001) in recoveries of costs paid on behalf of associated and external organisations. Also includes \$10.5M in PELS of which \$4.6M was paid to AGSM Ltd.

(ii) Adjusted to reflect the actual balance at the end of 2002.

Subsequent to the approval of the 2002 Budget, the forecast for Commonwealth financial assistance was increased by \$11.5M following an 8 per cent increase in HECS liable enrolments and increases in infrastructure grants. The forecast for fees and charges was also increased by \$21.9M as a result of enrolments in fee paying programs being 11 percent higher than plan and increases in other sales and services.

At the end of 2002 net assets were \$113.6M less than budget. This reduction was largely due to the \$77.4M write down of land and buildings and \$28.8M net decrease in the value of buildings.

At \$555.1M actual total liabilities exceeded the budget by \$91.9M. Just over 85 per cent of this increase, \$78.3M, is due to increase in provisions for deferred employee entitlements, of which \$66.4M is for provisions for Deferred Employee Benefits for State Superannuation.

TABLE 4: STATEMENT OF FINANCIAL POSITION FOR YEAR ENDED 31 DECEMBER 2002 -
University columns

2001 Actual \$'000		2002 Actual \$'000	2002 Budget \$'000	2003 Budget \$'000
350,071	Cash and Investments	366,936	396,852	404,080(i)
52,212	Receivables and other	80,497	44,271	55,000
902	Inventories	738	624	902
916,222	Property, Plant and Equipment	832,598	924,546	854,806(i)
242,875	Deferred Gov't Superannuation Contributions	306,652	242,875	306,652(i)
1,562,282	TOTAL ASSETS	1,587,421	1,609,168	1,621,440
	Commonwealth grants received in advance			
26,508	Accounts payable	22,473	33,000	27,236
	Provisions			
249,631	State superannuation	316,032	249,631	316,030(i)
103,726	Other	117,236	105,311	119,325(i)
82,416	Others	99,334	75,245	91,230
462,281	TOTAL LIABILITIES	555,075	463,187	553,821
1,100,001	NET ASSETS	1,032,346	1,145,981	1,067,619
874,432	Accumulated Funds	926,134	913,784	955,687(i)
	Reserves:			
211,637	Asset Revaluation	105,498	211,637	105,498(i)
13,932	Investment Revaluation	714	20,560	6,434(i)
1,100,001	TOTAL EQUITY	1,032,346	1,145,981	1,067,619

(i) Adjusted to reflect the actual balance at the end of 2002.

The net cash from operating and investing was \$13.1M below budget. Payments for property, plant and equipment in 2002 were \$7.5M higher than the level estimated in the budget.

TABLE 5: STATEMENT OF CASH FLOW FOR YEAR ENDED 31 DECEMBER 2002 -
University columns

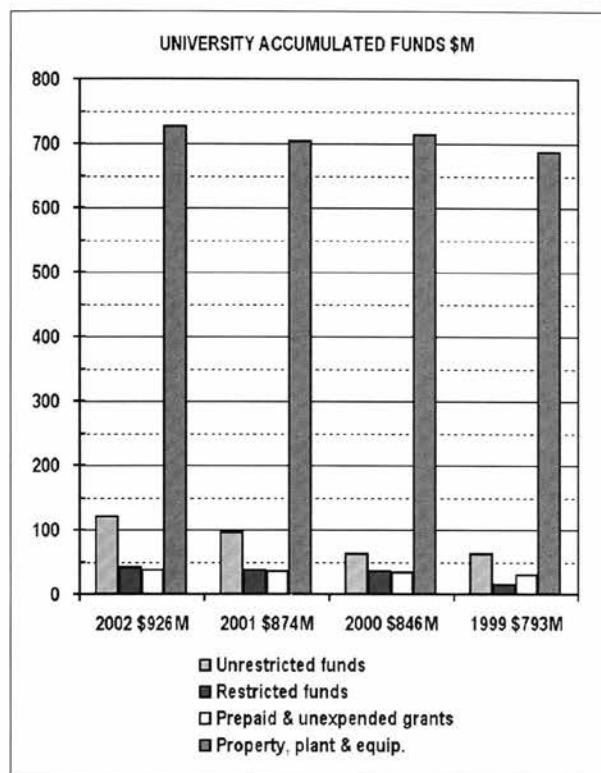
2001 Actual \$'000		2002 Actual \$'000	2002 Budget \$'000	2003 Budget \$'000
CASH FLOWS FROM OPERATING ACTIVITIES				
Inflows:				
301,469	Commonwealth Gov't financial assistance	320,637	266,866	293,995
3,946	NSW Government and Statutory Authorities	6,712	3,215	4,949
71,865	Higher Education Contribution Scheme	75,991	74,938	77,239
248,850	Other Operating Revenue	202,576	319,269	312,369
17,189	Interest	8,578	15,087	11,618
Outflows:				
(569,966)	Operating Expenses	(531,870)	(581,168)	(613,571)
73,353	Net Cash Provided or (Used) by Operating Activities	89,624	98,207	86,599
CASH FROM INVESTING ACTIVITIES				
Inflows:				
975	Proceeds from Sale of Property, Plant & Equipment	999		17,130
Outflows:				
(40,466)	Payments for Purchase of property, plant and equipment	(64,892)	(57,350)	(84,844)
(39,491)		(63,893)	(57,350)	(67,714)
2,632	Net cash flows on investments	(6,886)	(8,952)	5,720
(36,859)	Net cash provided/(used) by investing activities	(70,779)	(66,302)	(61,994)
36,494	Net Increase/(Decrease) in Cash Held	18,845	31,905	24,605
126,361	Cash at Beginning of Reporting Period	162,855	162,855	181,700 ⁽ⁱ⁾
162,855	Cash at End of Reporting Period	181,700	194,760	206,305 ⁽ⁱ⁾

(i) Adjusted to reflect cash at the end of 2002.

ACCUMULATED FUNDS OF THE UNIVERSITY

The University's accumulated funds (ie excluding controlled entities) increased by \$51.7M over the year from \$874.4M to \$926.1M, see Table 6. Of this increase, fund balances (cash assets) increased by \$29.2M and property, plant and equipment (after excluding revaluations) increased by \$22.5M. The increase in fund balances was comprised of: a \$1.4M increase in Commonwealth grants in advance or unexpended; a \$4.0M increase in restricted funds; and, a \$23.8M increase in unrestricted funds.

TABLE 6: ACCUMULATED FUNDS – University columns



	2002	2001	2000	1999
	\$M	\$M	\$M	\$M
Unrestricted funds	120.1	96.3	61.8	62.0
Restricted funds (i)	41.7	37.7	36.1	15.1
Prepaid & unexpended grants	37.2	35.8	34.8	29.7
Fund balances	199.0	169.8	132.7	106.8
Property, plant & equipment (ii)	727.1	704.6	713.1	686.2
Accumulated Funds	926.1	874.4	845.8	793.0

(i) includes research, endowment and beneficial funds. 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.

(ii) excl asset revaluation reserve 105.5 211.6 191.8 164.1

INVESTMENT MANAGEMENT AND PERFORMANCE

The University's investment activities are regulated by the University of New South Wales Act 1989.

During 2002 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 nine 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) regulations 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 31/12/2002	Treasury Corporation Facility Performance for 12 months to 31/12/2002	Return ⁽ⁱ⁾ for 12 months to 31/12/2001	Treasury Corporation Facility Performance for 12 months to 31/12/2001
	Per cent	Per cent	Per cent	Per cent
Pool L External	-2.77	-5.36	11.32	6.33
Pool S UNSW	5.51	5.11	8.73	5.41

(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.

2002 was a difficult year for equities with US equities experiencing a downturn for the third consecutive year. Australian shares also experienced a negative return in 2002, however, UNSW's Pool L performed better than most due to its increased exposure to defensive assets. Nevertheless, the fall in equity prices was the major determinant of Pool L's negative return.

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 -2.77 per cent for Pool L compares very favourably to the mean (asset weighted) return on similar pooled funds of -7.27 per cent* 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 5.51 per cent for Pool S is above the combined index for bank bills and bonds of 4.77 per cent** for the same period.

Table 8 shows realised and unrealised investment income for 2002.

TABLE 8: INVESTMENT INCOME – University columns	2002 \$'000	2001 \$'000	Variation \$'000
Short to Medium Term Fund	8,535	9,170	(635)
Long Term Investment Fund	6,278	11,051	(4,773)
	14,813	20,221	(5,408)
Investment income attributable to CRC's trusts and external organisations	(532)	(3,032)	2,500
Investment income included in Operating Revenue	14,281	17,189	(2,908)
Custodial Fees and Investment Management Fees	(924)	(1,612)	688
Movement in investment revaluation reserve	(4,199)	5,771	(9,970)
Total	9,158	21,348	(12,190)

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 2002. During 2002 the University acquired the following major assets (other than buildings and land holdings):

TABLE 9: Description of Equipment	Purchase Price \$
Mass spectrometer	892,295
Flow cytometer	736,800
CCD camera & equipment	584,241
Palm Robot	258,000
Multisolvent delivery system	224,227
2 x Single shield modular RF enclosure	208,888
Wirecut machine Ssodick AQ325L	199,900
Dilution refrigeration system	196,273
Microplate reader	175,000
Custom automated stage assembly	147,265
High capacity stiff testing system	123,980
Electronic tachometers	118,620
Library system server	117,293
High pressure liquid chromatograph	115,000
Confocal microscope system	112,500
Eye analysis system	112,500
Universal microscope	110,177
Total purchases over \$100,000	4,432,959

* Source – Intech – Market-Linked Pooled Funds Survey

**WDR Bank Bill index and UBSWA Composite Bond index

UNIVERSITY ACCOUNT PAYMENT PERFORMANCE

TABLE 10:

	March \$'000	June \$'000	Sept \$'000	Dec \$'000
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
2002				
Current (ie within due date)	2,577	1,649	1,990	157
Less than 30 days overdue	901	3,338	615	6,636
Between 30 and 60 days overdue	46	230	559	1,900
Between 60 and 90 days overdue	70	34	219	253
More than 90 days overdue	5	19	19	116
	3,599	5,270	3,402	9,062

No interest was paid due to late payments during 2001 and 2002.

TABLE 11: SUPPLIER INVOICES PAID ON TIME WITHIN EACH QUARTER

	Total accounts paid on time		Total amount paid	
	Target per cent	Actual per cent	\$	\$
2001				
January – March	70	66	49,011,227	107,197,985
April – June	70	67	55,134,681	107,218,583
July – September	70	70	56,936,874	117,076,843
October – December	70	73	45,781,474	100,784,444
2002				
January – March	70	70	44,662,312	95,668,989
April – June	70	70	80,799,313	143,765,935
July – September	70	72	62,750,647	121,192,037
October – December	70	72	48,003,985	114,838,276

NOTES

- 1 No interest has been charged for any late payments.
- 2 Actual per cent of accounts paid on time is based on the number of transactions processed. However, when expressed in monetary terms, the per cent of accounts paid on time differs because of a large dramatic effect of a small number of transactions that may have been delayed for various reasons.
- 3 The reimbursements to employees and students have payment terms of an immediate nature. Claims are submitted to Accounts Payable after they have been incurred. The invoice date used is the date the claim is prepared rather than the receipt date of the claim which does not accurately represent payment performance.
- 4 Invoices received by Accounts Payable from suppliers or UNSW budget units usually exceed the payment terms due to either goods not received, payment delayed due to goods not received in a satisfactory condition or invoices not received from suppliers in a timely manner.

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 2002 a total of \$108,870 to 20 consultancies. Consultancies costing more than \$30,000 were as follows:

<i>Name of consultant</i>	<i>Area of consultancy</i>	<i>\$</i>
Hirotec Technologies Pty Ltd	Energy consultants	956,622
W & L Holloway Pty Ltd	Electrical consultants	108,354
C & L Constructions	Construction	35,796
Relationships Australia	Management consultants	51,485
		1,152,257

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 2001 and the actions undertaken by University management.

<i>Area of Identified Deficiency</i>	<i>Action</i>
1 Fixed assets stocktake	Technical problems with bar code scanners resolved. 2001/2002 stocktake completed and results available for the preparation of the 2002 Financial Report. Progressive stocktakes recommenced and scheduled so that results will be available during the last quarter of each year. Asset identification numbers are produced following the placement of asset orders and sent to the business units that are identified as the receiving area. Staff have been reminded of the requirement to affix asset identification numbers at the time of receipt of assets.
2 Fixed assets register amendments	Procedures regarding the entry and checking of amendments and reconciliation to financial report revised and documented. New reports have been specified.

2002 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

Unqualified Audit Opinion

In my opinion, the financial report of the University of New South Wales:

- (a) presents fairly the University of New South Wales's and the consolidated entity's financial position as at 31 December 2002; and their financial performance and cash flows for the year ended on that date, in accordance with applicable Accounting Standards and other mandatory professional reporting requirements in Australia, and the Guidelines for the Preparation of Annual Financial Statements for the 2002 reporting period by Australian Higher Education Institutions, issued pursuant to the *Higher Education Funding Act 1988*, and
- (b) complies with section 41B of the *Public Finance and Audit Act 1983* (the Act).

The Council's Role

The financial report of the University of New South Wales and the consolidated entity is the responsibility of the Council. It consists of the statements of financial position, the statements of financial performance, the statements of cash flows and the accompanying notes. The consolidated entity comprises the University of New South Wales and the entities controlled at the year's end, or during the financial year.

The Auditor's Role and the Audit Scope

As required by the Act, I carried out an independent audit to enable me to express an opinion on the financial report. My audit provides *reasonable assurance* to Members of the New South Wales Parliament that the financial report is free of *material* misstatement.

My audit accorded with Australian Auditing and Assurance Standards and statutory requirements, and I:

- evaluated the accounting policies and significant accounting estimates used by the Council in preparing the financial report, and
- examined a sample of the evidence that supports the amounts and other disclosures in the financial report.

An audit does not guarantee that every amount and disclosure in the financial report is error free. The terms 'reasonable assurance' and 'material' recognise that an audit does not examine all evidence and transactions. However, the audit procedures used should identify errors or omissions significant enough to adversely affect decisions made by users of the financial report or indicate that members of the Council had failed in their reporting obligations.

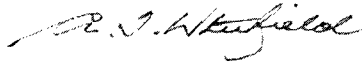
My opinion does not provide assurance about the future viability of the University of New South Wales or controlled entities or that the University of New South Wales or controlled entities have carried out their activities effectively, efficiently and economically.

My audit opinion was formed on the above basis.

Audit Independence

The Audit Office complies with all professional independence requirements. The Act further promotes independence by:

- providing that only Parliament, and not the executive government, can remove an Auditor-General, and
- mandating the Auditor-General as auditor of public sector agencies but precluding the provision of non-audit services, thus ensuring the Auditor-General and the Audit Office are not compromised in their role by the possibility of losing clients or income.



A T Whitfield FCA
Deputy Auditor-General

SYDNEY
14 April 2003

STATEMENT BY MEMBERS OF COUNCIL

Pursuant to Section 41C (1B) and 1(C) of the *Public Finance and Audit Act 1983* (as amended) we state that the financial report exhibits a true and fair view of the financial position and transactions of the University at 31 December 2002.

Signed in accordance with a resolution of Council.



Dr John Samuel Yu
Chancellor
14 April 2003



Professor Wyatt R Hume
Vice-Chancellor
14 April 2003

STATEMENT BY THE VICE-CHANCELLOR

As required by the Commonwealth Department of Education, Science and Training's Guidelines for the Preparation of Annual Financial Statements for the 2002 Reporting Period by Higher Education Institutions, I certify that:

1. The financial report for the year ended 31 December 2002 has been prepared in accordance with:
 - (a) the provisions of the *Public Finance and Audit Act 1983* and the Commonwealth Department of Education, Science and Training's Guidelines for the Preparation of Annual Financial Statements for the 2002 Reporting Period by Higher Education Institutions; and,
 - (b) Australian Accounting Standards, Consensus views of the Urgent Issues Group and other mandatory professional reporting requirements.
2. There are reasonable grounds to believe that the University will be able to pay its debts as and when they fall due; and,
3. Based on representations provided by employees of the University, and subject to any on going inquiries by the University's Internal Audit Office, to the best of my knowledge and belief:
 - (a) The amount of Commonwealth financial assistance expended by the University during the year ended 31 December 2002 was for the purposes for which it was provided; and,
 - (b) The University has complied with the requirements of various program guidelines that apply to the Commonwealth financial assistance identified in the financial report for the year ended 31 December 2002.



Professor Wyatt R Hume
Vice-Chancellor
14 April 2003

UNIVERSITY OF NEW SOUTH WALES
STATEMENT OF FINANCIAL PERFORMANCE FOR THE YEAR ENDED
31 DECEMBER 2002

	Notes	Consolidated		University	
		2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Revenue from ordinary activities	2	898,692	847,430	765,262	733,627
Expenses from ordinary activities	3	845,858	802,984	722,580	705,005
Operating result from ordinary activities before income tax expense		52,834	44,446	42,682	28,622
Income tax related to ordinary activities	5	130	43	-	-
Operating result after related income tax		52,704	44,403	42,682	28,622
Net operating result attributable to outside equity interests	21	937	269	-	-
Net operating result attributed to parent entity		53,641	44,672	42,682	28,622
(Decrease)/increase in assets and investment revaluation reserves attributed to parent entity	15	(110,443)	25,399	(110,338)	25,585
Total changes in equity other than those resulting from transactions with owners as owners		(56,802)	70,071	(67,656)	54,207

The accompanying notes form part of the financial report.

UNIVERSITY OF NEW SOUTH WALES
STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2002

	Notes	Consolidated		University	
		2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Current Assets					
Cash assets		46,038	49,967	12,054	30,100
Inventories		2,277	2,422	738	902
Receivables	8.1	103,804	83,848	95,007	72,800
Other financial assets	9	177,654	145,358	169,646	132,755
Other	10	42,610	23,592	36,701	18,400
Total Current Assets		372,383	305,187	314,146	254,957
Non-Current Assets					
Receivables	8.1	254,589	203,298	254,589	203,298
Other financial assets	9	190,317	186,517	185,236	187,216
Property, plant and equipment	11	841,721	921,078	832,598	916,222
Other	10	8,135	3,778	852	589
Total Non-Current Assets		1,294,762	1,314,671	1,273,275	1,307,325
Total Assets		1,667,145	1,619,858	1,587,421	1,562,282
Current Liabilities					
Accounts payable	12	39,625	36,209	22,473	26,508
Provisions	13	89,260	73,668	86,636	71,997
Other	14	84,130	64,455	95,919	78,876
Total Current Liabilities		213,015	174,332	205,028	177,381
Non-Current Liabilities					
Provisions	13	347,505	281,980	346,632	281,360
Other	14	817	-	3,415	3,540
Total Non-Current Liabilities		348,322	281,980	350,047	284,900
Total Liabilities		561,337	456,312	555,075	462,281
Net Assets		1,105,808	1,163,546	1,032,346	1,100,001
Equity					
Reserves	15	118,151	238,357	106,212	225,569
Outside equity interest	21	3,850	4,786	-	-
Accumulated funds	16	983,807	920,403	926,134	874,432
Total Equity		1,105,808	1,163,546	1,032,346	1,100,001

The accompanying notes form part of the financial report.

UNIVERSITY OF NEW SOUTH WALES
STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31 DECEMBER 2002

	Notes	Consolidated		University	
		2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Cash Flows from Operating Activities					
Inflows:					
Financial Assistance					
Commonwealth Government		320,637	301,469	320,637	301,469
NSW Government		7,363	3,946	6,712	3,946
Higher Education Contribution Scheme					
Student payments		17,882	17,167	17,882	17,167
Higher Education Trust Fund		58,109	54,698	58,109	54,698
Other operating revenue		344,120	289,792	209,576	180,779
Interest received		11,378	21,088	8,578	17,189
Outflows:					
Salary and wages (including scholarships, stipends, long service leave and prepaid leave)		(382,893)	(353,340)	(346,024)	(315,532)
Other operating expenses		(265,877)	(261,110)	(185,846)	(188,540)
Net cash provided/(used) by operating activities	25(b)	110,719	73,710	89,624	71,176
Cash Flows From Investing Activities					
Inflows:					
Proceeds from sale of other financial assets		646,534	338,192	645,494	354,114
Proceeds from sale of property, plant and equipment	4	3,604	993	999	975
Outflows:					
Payments for purchase of other financial assets		(660,925)	(334,339)	(652,380)	(349,305)
Payments for purchase of property, plant and equipment		(71,565)	(41,113)	(64,892)	(40,466)
Net cash provided/(used) in investing activities		(82,352)	(36,267)	(70,779)	(34,682)
Net increase/(decrease) in cash held		28,367	37,443	18,845	36,494
Cash at beginning of reporting period		195,325	157,882	162,855	126,361
Cash at end of reporting period	25(a)	223,692	195,325	181,700	162,855

The accompanying notes form part of the financial report.

NOTES TO THE FINANCIAL REPORT FOR THE YEAR ENDED 31 DECEMBER 2002

NOTE	TITLE	NOTE	TITLE
1	Significant accounting policies	9	Other financial assets
2	Revenue	10	Other assets
2.1	Commonwealth Government Financial Assistance (including Superannuation contributions from the Commonwealth, but excluding HECS and PELS)	11	Property, plant and equipment
2.2	NSW Government Financial Assistance	12	Payables – current
2.3	Fees and charges	13	Provisions
2.4	Investment income	14	Other liabilities
2.5	Royalties, trademarks and licenses	15	Reserves
2.6	Consultancy and contract research	16	Accumulated funds
2.7	Other revenue	17	Expenditure and leasing commitments
3	Expenses	18	Superannuation plans (University only)
3.1	Employee benefits	19	Contingent liabilities
3.2	Depreciation and amortisation	20	Controlled entities
3.3	Buildings and grounds	21	Outside equity interests
3.4	Other expenses	22	Associated entities
4	Disposal of property, plant and equipment	23	Disaggregation information
5	Income tax	24	Financial instruments
6	Remuneration of responsible persons and executives	25	Notes to the statement of cash flows
7	Remuneration of auditors	26.1	Acquittal of Commonwealth Government financial assistance – Teaching and Learning
8.1	Receivables	26.2	Acquittal of Commonwealth Government financial assistance – Australian Research Council
8.2	Provision for doubtful debts	26.3	Acquittal of Commonwealth Government financial assistance – DEST Research
		26.4	Summary of unspent financial assistance

**NOTES TO AND FORMING PART OF THE FINANCIAL REPORT
FOR THE YEAR ENDED 31 DECEMBER 2002**

1. SIGNIFICANT ACCOUNTING POLICIES

The significant policies that 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 and regulations; and the Guidelines for the Preparation of Annual Financial Reports for the 2002 Reporting Period by Australian Higher Education Institutions issued by the Department of Education Science and Training (DEST) and is drawn up in accordance with applicable Australian Statutory Reporting and other mandatory professional reporting requirements.

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.

Variations to comparative figures may have occurred due to rounding. Where necessary, comparative information has been reclassified to achieve consistency in disclosure with current financial year amounts and other disclosures. Where additional information has been provided due to changes in disclosure requirements, comparative figures may not be available.

1(B) PRINCIPLES OF CONSOLIDATION

The financial report includes the accounts of the parent entity, the University of New South Wales, and the accounts of the consolidated entity comprising the University and the entities it controlled at the end of or during the financial year (see note 20).

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 and are audited by the Auditor-General of New South Wales.

1(C) INCOME TAX

The University is exempt from income tax under Commonwealth income taxation legislation. Within the consolidated entity, however, there are entities which are not exempt from this legislation. For these entities, the consolidated entity adopts the liability method of tax-effect accounting whereby the income tax expense for the period is based on the profit from ordinary activities adjusted for any permanent differences between taxable and accounting income.

Timing differences which arise due to different accounting periods in which items of revenue and expense are included in the determination of accounting profit and taxable income are recognised as either a provision for deferred income tax or as a future income tax benefit at the rate of income tax applicable to the period in which the benefit will be received or the liability will become payable.

Future income tax benefits, including tax losses, are not recognised unless realisation of the benefit is virtually certain.

The recognition of income tax benefits is based on the assumption that adverse changes will not occur in income taxation legislation and the consolidated entity will derive sufficient future assessable income so the benefits may be realised and comply with the conditions of deductibility imposed by the law.

1(D) 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.

The Postgraduate Education Loans Scheme (PELS) provides an interest-free loan facility with income contingent repayment arrangements similar to the Higher Education Contribution Scheme (HECS) for eligible students enrolled in fee paying postgraduate non-research courses. PELS enables eligible students to obtain a loan from the Commonwealth Government to pay all or part of their tuition fees incurred from 1 January 2002 onwards. Section 98G of the Act allows the Commonwealth to make advance payments to institutions. Under the PELS payment arrangements, the Commonwealth makes two payments per year to institutions following the receipt of a 'claim for payment', which itemises the institution's expected costs for PELS for each of the two specified periods.

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.

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(E) TRUST AND OTHER LIABILITIES

Revenue and expenses in respect of Trusts, Cooperative Research Centres and investments held on behalf of associated entities are recognised under Other Liabilities.

1(F) 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(G) 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.

1(H) 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(I) INVENTORIES

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

1(J) 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. Cost is the purchase price plus costs associated with installation, where assets are purchased, or all planning and construction costs associated with constructed assets. 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 and rare books are valued at current market valuation.

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 (other than rare books).

Assets acquired since valuation are valued at cost.

Revaluations

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

Buildings, Student Accommodation and Residential Property including associated infrastructure have been valued 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 valued as at 31 December each year.

Works of Art are valued every five years or less (where necessary).

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

Valuations

1996 valuations: Land, Building and Infrastructure assets were valued by the New South Wales Valuation Office as at 31 December 1996.

1997 valuations: In accordance with the University's asset policy, the animal breeding facility at Little Bay was valued 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 valued Works of Art as at December 2000. Land assets and approximately one-third of the building and associated infrastructure assets were valued as at 31 December 2000 by the New South Wales State Valuation Office.

2001 valuations: A portion of Student Accommodation and Residential Property was valued by Egan National Valuers (NSW) 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.

2002 valuations: A portion of Student Accommodation and Residential Property was valued by Egan National Valuers (NSW) as at 31 December 2002. HP Consultants Pty Ltd valued Student Accommodation and Residential Property assets not valued by Egan National Valuers (NSW) at 31 December 2002 and all building and associated infrastructure assets not valued in 2000 and 2001 as at 31 December 2002.

Disposal of assets

The gain or loss on disposal of 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.

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:

	Controlled Entities	University
Buildings *	2 per cent	2.5 per cent
Computer Equipment	20 per cent to 33 per cent	33.3 per cent
NewSouth Solutions Software	-	20 per cent
Motor Vehicles	20 per cent to 30 per cent	6 per cent
Office Equipment	10 per cent	20 per cent
Other Equipment	10 per cent	10 per cent
Library Holdings	20 per cent	20 per cent

* 2.5 per cent for most buildings at the University, but is variable where the estimated useful life is known.

Amortisation of Patents

Patents are amortised over their economic life, which averages 15 years.

1(K) OPERATING LEASES

The University leases certain property and equipment by way of operating leases. Payment for these leases, whereby the lessors effectively retain substantially all the risks and benefits of ownership of the leased item, is charged to the statement of financial performance in the periods in which they are incurred.

1(L) 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 2002 liability based on the advice provided by the actuaries.

Staff Superannuation

The University contributes to the following superannuation schemes:

- Schemes managed by the State Authorities Superannuation 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 2002.

The 2002 assessment of SASS, SANCS and SSS is based on the full requirements of AAS25 – Financial Reporting by Superannuation Plans. 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:

	2002/03 per cent	2003/04 per cent	2004/05 and thereafter per cent
Rate of investment return	7.0	7.0	7.0
Rate of salary increase*	6.5	4.0	4.0
Rate of increase in CPI	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 2002, is \$26,235,000 (\$25,278,000 in 2001), and is fully funded.

The assumptions were as follows:

	Year 1 per cent	Year 2 per cent	Year 3 per cent	Year 4 per cent	Year 5 onwards per cent
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

- UniSuper

The University also contributes to UniSuper (formerly Superannuation Scheme for Australian Universities (SSAU)) for academic staff appointed since 1 March 1988 and all other staff from 1 July 1991. UniSuper is a fully funded scheme.

Towers Perrin completed the latest actuarial assessment as at 31 December 1999. The University is not liable for any deficiency in assets of the scheme.

The following figures only relate to members who are in the Defined Benefit Plan as at 30 June 2002.

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Net market value of UniSuper Assets	109,690	112,417	109,690	112,417
UniSuper accrued benefits	117,925	101,873	117,925	101,873
Excess/(deficiency) of assets	(8,235)	10,544	(8,235)	10,544

- 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 has been granted a license under Division 5 of Part 7 of the *Workers' Compensation Act, 1987*. In accordance with the license the University has the following bank guarantees:

- \$5,639,000 with ANZ Banking Group in favour of WorkCover New South Wales; and,
- \$500,000 with Westpac Banking Corporation in favour of ACT WorkCover.

Workers' compensation matters are managed through two funds, one to record the University's workers' compensation activities in New South Wales (known as the NSW Fund) and one to record the University's workers' compensation activities in the Australian Capital Territory (known as the ACT Fund).

As a self-insurer the University sets a notional annual premium, which is charged on in-service salaries (see note 13). From this notional premium costs of workers' compensation claims, claims administra-

tion 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 a provision for each fund in respect of outstanding claims liability as at 31 December each year.

1(M) 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 24, 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
- Term deposits
- 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
- Liquids (Bank Bills, Floating Rate Notes, NCD's, etc)

Cash

- Cash is cash at bank.

Sundry debtors, sundry 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.
- Sundry 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. Sundry 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 shares in unlisted companies as detailed in Note 9.

1(N) 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 GST included.

The net 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(O) RESPONSIBLE PERSONS AND EXECUTIVES

For the University, responsible persons are members of the University Council.

For controlled entities, responsible persons are the directors of those entities.

For the University, executives are the Vice-Chancellor and any person in a senior line position reporting to the Vice-Chancellor whose remuneration for the year ended 31 December 2002 was \$100,000 or more.

For controlled entities, executives are the Chief Executive Officers of those entities and any person in a senior line position reporting to the Chief Executive Officer whose remuneration for the year ended 31 December 2002 was \$100,000 or more.

2 REVENUE

	Notes	Consolidated		University	
		2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Commonwealth Government financial assistance	2.1	320,637	301,469	320,637	301,469
NSW Government financial assistance	2.2	7,363	3,946	6,712	3,946
Higher Education Contribution Scheme					
• Student contributions	26.1	17,882	17,167	17,882	17,167
• Commonwealth payments	26.1	58,109	54,698	58,109	54,698
Postgraduate Educational Loan Scheme					
• Commonwealth payments	26.1	10,507	-	10,507	-
Fees and charges	2.3	320,818	294,376	204,024	191,560
Investment income	2.4	17,844	21,431	14,281	17,189
Royalties, trademarks and licenses	2.5	1,976	1,745	-	-
Consultancy and contract research	2.6	40,813	30,568	39,643	31,859
Other revenue	2.7	38,967	37,869	29,691	31,578
Revenue from ordinary activities before deferred items		834,916	763,269	701,486	649,466
Deferred items:					
Deferred government superannuation contributions	18	63,776	84,161	63,776	84,161
Total revenue from ordinary activities		898,692	847,430	765,262	733,627

2.1 COMMONWEALTH GOVERNMENT FINANCIAL ASSISTANCE (INCLUDING SUPERANNUATION CONTRIBUTIONS FROM THE COMMONWEALTH, BUT EXCLUDING HECS AND PELS)

	Notes	Consolidated		University	
		2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Teaching and learning					
Operating, including superannuation but excluding HECS and PELS	26.1	123,321	120,712	123,321	120,712
Teaching hospitals	26.1	786	770	786	770
ARC					
Discovery projects (large grants)	26.2	13,160	11,781	13,160	11,781
Linkage – other (SPIRT)	26.2	6,850	5,728	6,850	5,728
Discovery – research fellowships	26.2	2,049	2,229	2,049	2,229
Discovery – federation fellowships	26.2	626	-	626	-
Linkage – infrastructure - equipment and facilities	26.2	1,351	952	1,351	952
Linkage – international researcher exchange	26.2	289	439	289	439
Linkage – centres of excellence (key centres)	26.2	2,592	1,282	2,592	1,282
DEST					
Small research	26.3	-	2,598	-	2,598
Institutional grants scheme	26.3	25,461	22,745	25,461	22,745
Research training scheme	26.3	40,399	37,766	40,399	37,766
Systemic infrastructure initiative	26.3	3,705	308	3,705	308
Research infrastructure	26.3	12,145	9,151	12,145	9,151
Australian postgraduate awards	26.3	6,649	6,320	6,649	6,320
International postgraduate research scholarships	26.3	1,381	1,533	1,381	1,533
		240,764	224,314	240,764	224,314
Other Commonwealth Government					
• Department of Defence		37,287	36,489	37,287	36,489
• Australian Taxation Office		2,779	2,987	2,779	2,987
		40,066	39,476	40,066	39,476
Other Commonwealth Government – research					
• Attorney General		-	2	-	2
• Defence		20	272	20	272
• Employment and training		502	(2,074)	502	(2,074)
• Environment, sports and territories		178	77	178	77
• Foreign affairs		472	881	472	881
• Human services and health		27,209	22,783	27,209	22,783
• Industrial relations		8	15	8	15
• Industry, technology and regional development		1,134	4,394	1,134	4,394
• Primary industries and energy		709	968	709	968
• Social security		571	273	571	273
• Transport and communications		26	147	26	147
• Administrative services		13	-	13	-
• Veteran affairs		458	442	458	442
Total other Commonwealth Government – research		31,300	28,180	31,300	28,180
Other Commonwealth Government – special purpose					
• Foreign affairs		8,507	9,499	8,507	9,499
Total Commonwealth Government financial assistance		320,637	301,469	320,637	301,469

2.2 NSW GOVERNMENT FINANCIAL ASSISTANCE

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Research financial assistance	7,050	3,946	6,695	3,946
Other financial assistance	313	-	17	-
Total NSW Government financial assistance	7,363	3,946	6,712	3,946

2.3 FEES AND CHARGES

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Continuing education	12,890	14,184	4,145	4,357
Fee-paying overseas students	145,567	121,253	115,905	90,229
Fee-paying non-overseas postgraduate students	39,226	35,420	15,449	16,195
Fee-paying non-overseas undergraduate students	5,255	4,256	6,155	4,256
Non-overseas students undertaking non-award courses	4,808	5,949	3,968	3,661
Other consultancy fees	13,543	10,030	-	-
Charges for student accommodation	11,189	11,162	6,660	7,120
Educational measurement and testing	24,069	20,768	7,254	10,638
International aid projects management	8,075	16,236	-	-
Late fees	130	68	130	68
Library fees	545	348	545	348
Non-library fines	22	14	22	14
Parking fees	1,221	1,178	1,221	1,178
Photocopying	1,257	1,232	1,252	1,231
Publication sales	1,577	1,473	1,314	1,252
Rental charges	3,275	3,332	2,471	3,332
Miscellaneous sales	20,989	30,128	5,658	15,580
Other services	16,948	14,142	10,550	11,794
Cost recoveries (i)	10,232	3,203	21,325	20,307
Total	320,818	294,376	204,024	191,560

(i) The University recovers costs paid on behalf of controlled entities, associated organisations and external entities.

2.4 INVESTMENT INCOME

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Interest	11,069	9,247	8,535	6,993
Dividends	6,057	11,051	6,057	11,051
Gains on sales of investments (i)	1,250	4,165	221	2,177
	18,376	24,463	14,813	20,221
Income attributable to CRCs, trusts and external organisations	(532)	(3,032)	(532)	(3,032)
Investment income included in revenue from ordinary activities	17,844	21,431	14,281	17,189

(i) Investment income does not include \$9.763 M (\$9.019 M University only) in revaluation gains from previous years that were realised in 2002 and transferred to accumulated funds from the investment revaluation reserve.

2.5 ROYALTIES, TRADEMARKS AND LICENSES

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Royalties	948	1,005	-	-
Licence fees	1,028	740	-	-
Total	1,976	1,745	-	-

2.6 CONSULTANCY AND CONTRACT RESEARCH

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Commonwealth organisations and business enterprises	2,613	1,055	1,418	1,057
Local government	272	104	272	104
Donations and bequests for research	86	180	86	180
Unisearch Ltd Group	-	-	805	1,329
The University of New South Wales Foundation Ltd	-	-	4,264	3,486
Non-Commonwealth research financial assistance	1,844	1,879	1,844	1,879
Australian industry	9,644	10,095	8,976	10,095
Overseas organisations	17,578	13,112	16,582	13,112
Other organisations	8,776	4,143	5,396	617
Total	40,813	30,568	39,643	31,859

2.7 OTHER REVENUE

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Contribution from NIDA	-	2,165	-	2,165
Donations and bequests	13,484	21,184	7,184	14,340
Miscellaneous income	18,171	6,341	10,839	5,207
Net foreign exchange gain	60	2	-	-
Other (external) grant income	2,401	1,736	2,401	1,598
Refund from ATO franking credit	1,199	1,486	1,199	1,486
Scholarships and prizes	3,652	4,955	8,068	6,782
Total	38,967	37,869	29,691	31,578

3 EXPENSES	Notes	Consolidated		University	
		2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Employee benefits	3.1	430,640	400,299	380,608	360,914
Depreciation and amortisation	3.2	42,089	45,832	39,831	44,206
Buildings and grounds (repairs and maintenance)	3.3	21,839	18,065	20,907	17,902
Net losses from sale of property, plant and equipment	4	5,413	64	5,091	70
Bad and doubtful debts	8.2	1,202	(259)	1,344	(1,520)
Scholarships and awards		31,283	32,918	34,686	32,439
Consumables		62,202	59,902	58,283	49,830
Contract services (including consultants)		63,083	55,647	48,529	41,850
Travel and entertainment		27,556	24,071	22,858	21,543
Overheads - postage and telephones		10,454	10,347	7,846	8,725
Other	3.4	86,321	71,937	38,821	44,885
Expenses from ordinary activities before deferred items		782,082	718,823	658,804	620,844
Deferred items:					
Deferred employee benefits for state superannuation	18	63,776	84,161	63,776	84,161
Total expenses from ordinary activities		845,858	802,984	722,580	705,005

3.1 EMPLOYEE BENEFITS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Academic (i)				
Salaries	152,141	149,761	142,128	141,088
Contributions to superannuation and pension schemes:				
Emerging cost	5,670	7,790	5,671	7,900
Funded	15,041	13,283	13,654	14,187
Payroll tax	13,106	12,600	12,429	10,865
Workers' compensation	922	1,284	790	1,140
Long service leave expense	10,554	3,553	10,390	2,322
Annual leave	1,362	(117)	1,362	(587)
Academic employment benefits before deferred items	198,796	188,154	186,424	176,915
Non-academic (ii)				
Salaries	181,434	173,492	148,867	147,780
Contributions to superannuation and pension schemes:				
Emerging cost	5,712	7,847	5,957	8,275
Funded	21,029	18,571	18,182	14,860
Payroll tax	10,414	10,012	8,571	10,074
Workers' compensation	1,002	1,396	707	1,194
Long service leave expense	4,448	1,498	4,106	2,432
Annual leave	7,805	(671)	7,794	(616)
Non-academic employee benefits before deferred items	231,844	212,145	194,184	183,999
Total employee benefits before deferred items	430,640	400,299	380,608	360,914
Deferred items:				
Employee benefits for state superannuation - academic	31,240	41,254	31,240	41,254
Employee benefits for state superannuation - non-academic	32,536	42,907	32,536	42,907
	63,776	84,161	63,776	84,161
Total employees benefits	494,416	484,460	444,384	445,075

3.1 EMPLOYEE BENEFITS (continued)

(i) Academic staff are paid under the Academic Staff Enterprise Agreement and includes teaching staff, sessional teaching staff, guest lecturers and academic research staff.

(ii) Non-academic staff are 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	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Buildings	12,214	15,945	11,488	15,543
Computer equipment	4,957	5,578	4,561	5,255
Motor vehicles	333	432	290	368
Computer software	7,457	6,507	7,457	6,507
Other equipment	8,367	8,069	7,474	7,398
Library holdings	8,761	9,301	8,561	9,135
Total	42,089	45,832	39,831	44,206

3.3 BUILDINGS AND GROUNDS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Maintenance service contracts	2,036	3,901	2,036	3,901
Maintenance buildings and grounds	11,325	7,380	11,300	7,373
Maintenance furniture, machinery and equipment	2,185	3,642	1,838	3,504
Maintenance computer software	1,156	376	1,156	376
Maintenance insurance	2,700	1,746	2,700	1,746
Maintenance other	2,437	1,020	1,877	1,002
Total	21,839	18,065	20,907	17,902

3.4 OTHER EXPENSES

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Administration costs	6,155	3,999	-	-
Advertising	4,513	4,640	3,070	3,399
Commission to agents	2,051	2,071	-	-
Cost of books sold	6,869	6,817	-	-
Development project costs - other aid	5,799	5,484	-	-
Energy and utilities	4,811	5,464	4,335	5,335
Fringe Benefits Tax (FBT)	1,702	1,342	1,409	1,200
Fees and charges	2,781	1,845	2,661	1,513
Hire and rental	3,778	4,247	3,602	4,088
Inventors and collaborators	2,413	3,083	-	-
Motor vehicle expenses	654	1,093	584	988
Net foreign exchange loss	71	42	-	-
Non-capitalised equipment	19,533	23,313	19,013	22,253
Operating lease rental expenses	1,793	2,744	1,025	2,744
Residential	1,049	1,208	-	-
Student accomodation overseas	877	2,805	-	-
Audit fee	387	305	248	184
Other (i)	21,085	1,435	2,874	3,181
Total	86,321	71,937	38,821	44,885

(i) 'Other' (Consolidated) includes costs associated with livestock \$2.874M, preparation of course materials \$2.153M, legal fees \$1.752M, contributions and grants \$1.748M and management fees \$1.743M.

4 DISPOSALS OF PROPERTY, PLANT AND EQUIPMENT

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Carrying amount of assets disposed of	9,017	1,057	6,090	1,045
Loss on disposal	(5,413)	(64)	(5,091)	(70)
Proceeds on disposal	3,604	993	999	975

5 INCOME TAX

	Consolidated	
	2002 \$'000	2001 \$'000
The prima facie tax payable on profit on ordinary activities differs from the income tax provided in the financial report and its reconciled as follows:		
Profit from ordinary activities before income tax	52,834	44,446
Prima facie tax payable 30 per cent (34 per cent in 2001)	15,850	15,112
Foreign tax rate differential	(108)	-
Tax effect of permanent differences		
Non-deductible expenditure	9	15
Non-recognition of 2002 FITB not virtually certain	3	-
Exempt income	(15,589)	(15,084)
Deductible capital expenditure	(3)	-
Recoupment of prior year losses not previously brought to account	(32)	-
Income tax expense relating to ordinary activities	130	43

6.1(a) RESPONSIBLE PERSONS

University Council Members 2002

Dr John Samuel Yu
 Ms Catherine Mary Rossi Harris
 Professor Wyatt R Hume (from 1 July 2002)
 Associate Professor John Joseph Carmody
 Professor Wai Fong Chua
 Mrs Beverley Anne Crane
 Professor Jeremy Guy Ashcroft Davis
 Dr Penelope Anne FitzGerald
 Dr Raelene Frances
 The Honourable Mrs Deirdre Mary Grusovin
 Mr David Alexander Hughes
 Mr Geoffrey Francis Lawson (from 1 July 2002)

Mr Peter Edward Mason
 Professor Kevin Malcolm McConkey
 Dr Jessica Ruth Milner Davis
 Mr John Henry Pascoe
 Ms Lee Rhiannon
 The Honourable Ms Susan Maree Ryan
 Ms Linda Margaret Scott
 Mr Brian Edward Suttor
 Ms Gabrielle Cecelia Upton (from 1 July 2002)
 Mr James Harold Anderson (ceased on 30 June 2002)
 Mrs Jolyn Margaret Karaolis (ceased on 30 June 2002)
 Professor John Rodney Niland (ceased on 30 June 2002)

Controlled Entities Directors 2002

Mr Taufique Ahmed
 Ms Patty Akopiantz (from 13 May 2002)
 Mr Tee Chian Ang
 Ms Susan Armstrong
 Mr Robert Hugh Barry
 Dr John P Beale
 Mr Edwin J Blackadder
 Mr Alex Boysarsky (from 11 February 2002)
 Mr Warren Bradey
 Dr Anne Brewster (from 23 May 2002)
 Professor Gavin Brown
 Professor Kenneth Buckle
 Mr Robert Neale Cartwright
 Ms Crystal Condous
 Mr John Geoffrey Cowan
 Professor Jeremy Guy Ashcroft Davis
 Dr Robin Derricourt
 Associate Professor T M Devinney (from 1 June 2002)
 Professor Bruce Dowton
 Mr Michael Easson
 Professor Kenneth John Eltis
 Professor Christopher Joseph Dalzell Fell
 Dr David N Ford
 Mr Oliver Freeman
 Mr Michael Edward Grace
 Mr Christopher Gilbert
 Mr David Gonski
 Mr Maxwell James Gosling
 Professor Peter Philip Gray
 Ms Kathryn Greiner (from 21 February 2002)
 Ms Catherine Mary Rossi Harris
 Mr David Harrington
 Dr John Hirshman
 Mr David Martin Hoare
 Ms Beverley Hoskinson-Green
 Professor Wyatt R Hume
 Associate Professor Jill Hunter
 Mr Michael James Hutchinson
 Professor John Edward Ingleson
 Dr John S Keniry
 Mr Wallace King
 Professor Staffan Kjelleberg

Ms Christine Margaret Liddy
 Mr Ronald Y C Lu
 Professor Kevin Malcolm McConkey
 Mr Donald McDonald
 Mr John McFarlane
 Mr Bill Mackerill (from 23 May 2002)
 Mr Robert Mansfield
 Mr Robert Lee Maple-Brown
 Mr Peter Edward Mason
 Mr Ian Napier
 Professor John Rodney Niland
 Mr Michael Oredsson
 Mr Daniel Petre
 Mr Simon Poidevin
 Ms Ann Maree Quinlan
 Mr John Boyd Reid
 Mr Julian Mark Reynolds
 Mr Peter David Ritchie
 Mr Neville Roach
 Mr Colin Francis Ryan
 Dr John Michael Schubert
 Professor Arun Kumar Sharma
 Dr Richard Sharp
 Ms Ann C Sherry (from 2 April 2002)
 Professor Peter Steinberg
 Mr Ian Stevens
 Associate Professor Noelle-Ann Sunstrom
 Mr Robert Clive Sutton
 Emeritus Professor Edward Owen Paul Thompson
 Mr Henry Tsang
 Ms Lucy Turnbull
 Ms Gillian D M Turner
 Mr Leo Edward Tutt
 Sir Alfred William Tyree
 Professor Michael R Vitale
 Professor Mark Sebastian Wainwright
 Mr Robert Michael Whyte
 Dr Robyn Williams
 Mr Albert Yue Ling Wong
 Mr Su-Ming Wong
 Ms Helen Wright
 Dr John Samuel Yu
 Ms Carla Maria Zampatti

(b) Remuneration of Responsible Persons earning \$100,000 or more (i)

	Consolidated	University	
	2002 Number of Responsible Persons	2002 Number of Council Members	2001 Number of Council Members
\$100,000 to \$109,999	2	-	1
\$110,000 to \$199,999	1	-	-
\$120,000 to \$129,999	1	1	1
\$140,000 to 149,999	2	-	-
\$150,000 to 159,999	1	-	-
\$160,000 to \$169,999	1	-	1
\$170,000 to \$179,999	1	-	-
\$180,000 to \$189,999	1	1	-
\$190,000 to \$199,999	3	1	1
\$210,000 to \$219,999	2	1	-
\$230,000 to \$239,999	1	-	-
\$240,000 to \$249,999	1	1	-
\$270,000 to 279,999	1	-	-
\$280,000 to \$289,999	2	-	-
\$290,000 to \$299,999	1	1	-
\$490,000 to \$499,999	-	-	1
	21	6	5
	Consolidated	University	
	2002	2002	2001
	\$'000	\$'000	\$'000
Total remuneration paid or payable to responsible persons	4,085	1,256	1,158

(i) The number and remuneration of responsible persons of controlled entities is not available for 2001, consequently comparatives are shown for the University only.

(c) Retirement Benefits of Responsible Persons (Council Members and Directors)

Responsible persons who are employees of the consolidated entity are paid out their recreation and long service leave entitlements on retirement along with any superannuation benefits. During the course of 2002, \$712,000 was paid out in respect to recreation leave, long service leave entitlements and superannuation benefits that were in addition to any other superannuation benefits that they may have received from other pension schemes to which they belonged. Council members who are not employees of the University receive no payment on retirement.

(a) Remuneration of executives earning \$100,000 or more

	Consolidated		University	
	2002 Number of Executives	2002 Number of Executives	2001 Number of Executives	2001 Number of Executives
\$100,000 to \$109,999	-	2	-	-
\$110,000 to \$119,999	3	1	1	-
\$120,000 to \$129,999	2	5	-	-
\$130,000 to \$139,999	1	2	-	1
\$140,000 to \$149,999	3	5	1	4
\$150,000 to \$159,999	4	3	3	1
\$160,000 to \$169,999	2	1	-	1
\$170,000 to \$179,999	2	2	2	1
\$180,000 to \$189,999	6	1	3	1
\$190,000 to \$199,999	3	3	1	3
\$200,000 to \$209,999	4	1	3	1
\$210,000 to \$219,999	1	-	1	-
\$220,000 to \$229,999	-	1	-	-
\$230,000 to \$239,999	1	-	1	-
\$240,000 to \$249,999	1	1	1	1
\$260,000 to \$269,999	-	1	-	1
\$270,000 to \$279,999	2	1	1	1
\$280,000 to \$289,999	2	1	1	1
\$290,000 to \$299,999	1	-	1	-
\$490,000 to \$499,999	-	1	-	1
	38	32	20	18
	Consolidated		University	
	2002	2001	2002	2001
	\$'000	\$'000	\$'000	\$'000
Total remuneration paid or payable to executives	6,960	5,674	3,852	3,744

(ii) See note 1(o) for definition of executives. In addition to the 18 University staff reporting directly to the Vice-Chancellor that are defined as executives, there are a further 538 academic staff earning in excess of \$100,000 (with total earnings of \$69,623,000) and 68 general staff earning in excess of \$100,000 (with total earnings of \$8,830,000) who do not report directly to the Vice-Chancellor.

(b) Retirement benefit of executives

During 2002, four executives retired upon which they were paid out their recreation and long service leave entitlements totalling \$1,250,000. In addition, they also received \$105,000 in superannuation benefits from the University, in addition to any other superannuation benefits that they may have received from other pension schemes to which they belonged.

7 REMUNERATION OF AUDITORS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Auditing the financial report	375	305	236	184
Other services	12	-	12	-
Total	387	305	248	184

8.1 RECEIVABLES

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Current				
Sundry debtors	46,781	42,056	36,359	29,660
Student debtors	12,926	13,910	12,927	13,910
Short term deposits	250	-	-	-
Provision for doubtful debts (see note 8.2)	(8,226)	(11,708)	(6,352)	(10,360)
Deferred income - government contributions for superannuation	52,073	39,590	52,073	39,590
	103,804	83,848	95,007	72,800
Non-current				
Deferred income - government contributions for superannuation	254,579	203,285	254,579	203,285
Loans to members of staff (i)	10	13	10	13
	254,589	203,298	254,589	203,298

8.2 PROVISION FOR DOUBTFUL DEBTS (ii)

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Opening balance	11,708	12,118	10,360	11,880
Bad debts written off	(4,684)	(151)	(5,352)	-
Contribution from operations	1,202	(259)	1,344	(1,520)
Closing balance	8,226	11,708	6,352	10,360

(i) Loans were made to members of the University staff at the WS and LB 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 2002 the outstanding amount is \$10,000.

(ii) See also Note 1(g)

9 OTHER FINANCIAL ASSETS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Current				
Other fixed interest securities	35,065	33,290	35,065	33,290
Term deposits	101,870	57,992	101,870	57,464
Liquids (bank bills, floating rate notes, NCDs, etc)	40,719	54,076	32,711	42,001
Total Current Assets	177,654	145,358	169,646	132,755
Non-current				
Term deposits	-	1,115	-	-
Unlisted companies (i)	6,513	7,752	16,675	17,677
Unlisted trusts:				
Domestic equities	59,451	84,760	58,217	84,153
Domestic fixed interest	61,671	57,607	54,595	51,981
International equities	44,214	28,307	44,214	26,833
International fixed interest	11,361	-	11,361	-
Liquids (bank bills, floating rate notes, NCDs, etc)	6,572	6,592	174	6,572
Other	535	384	-	-
Total non-current investments	190,317	186,517	185,236	187,216
Total investment portfolio	367,971	331,875	354,882	319,971

The consolidated entity and the University have investments in the following companies and ventures:

(i) Unlisted:

	Oct 2002 valuation by UNSW			
Pacific Solar Pty Ltd	5,706	6,837	5,706	6,837
Unisearch Ltd (subordinated loan)	-	-	10,000	10,000
Planet Learning Pty Ltd	-	11	-	-
IDP Education Australia Ltd	10	10	10	10
Access Australia CMC Pty Ltd	586	457	586	457
AARnet Pty Ltd	1	1	1	1
Infotelco Pty Ltd	100	326	100	100
NSG (Thailand) Limited	88	88	-	-
B.Tech Avn Ltd - at cost	22	22	22	22
UNSW Press Ltd (loan)	-	-	250	250
Web Tech Pty Ltd	-	-	-	-
Total	6,513	7,752	16,675	17,677

As a result of the revaluation of other financial assets a net decrement of \$4.199 M (\$5.771 M in 2001) has been transferred to the University's investment revaluation reserve (\$4.304 M on consolidation) - see note 15(b).

10 OTHER ASSETS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Current				
Sundry advances	1,075	2,183	814	1,370
Accrued income	34,157	19,350	29,299	16,419
Payments in advance	7,197	1,569	6,518	498
Investment interest receivable	181	490	70	113
	42,610	23,592	36,701	18,400
Non-current				
Patents (i)	3,844	3,172	-	-
Other	4,291	606	852	589
	8,135	3,778	852	589
(i) Patents (ii)				
Opening balance	3,172	2,679	-	-
Patent costs capitalised	1,248	799	-	-
Patents written off/down	(576)	(306)	-	-
Closing balance	3,844	3,172	-	-

(ii) Patents are amortised over their economic life, which averages 15 years.

11 PROPERTY, PLANT AND EQUIPMENT

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Land				
Valuations - 2000	132,090	132,090	132,090	132,090
Written down value	132,090	132,090	132,090	132,090
Buildings				
Cost	5,789	165,935	2,202	164,325
Valuations - 1996	-	341,544	-	341,544
Valuations - 1997	1,350	1,350	1,350	1,350
Valuations - 2000	391,140	391,140	391,140	391,140
Valuations - 2001	186,014	186,014	186,014	186,014
Valuations - 2002	411,785	-	411,785	-
Accumulated depreciation	(502,401)	(490,187)	(500,979)	(489,491)
Written down value	493,677	595,796	491,512	594,882
Buildings - work in progress				
Construction costs	6,259	1,181	6,249	1,181
Total work in progress	6,259	1,181	6,249	1,181
Student accommodation and residential property				
Valuations - 2001	-	84,539	-	84,539
Valuations - 2002	111,360	-	111,360	-
Written down value	111,360	84,539	111,360	84,539
Computer equipment				
Cost	23,049	19,585	19,288	16,581
Valuations - initial	2,259	2,337	2,259	2,337
Accumulated depreciation	(18,910)	(13,953)	(16,132)	(11,571)
Written down value	6,398	7,969	5,415	7,347
Computer software - NewSouth Solutions				
Cost	37,034	37,034	37,034	37,034
Accumulated depreciation	(22,014)	(14,557)	(22,014)	(14,557)
Written down value	15,020	22,477	15,020	22,477
Motor vehicles				
Cost	7,235	6,634	6,382	6,036
Valuations - initial	106	110	106	110
Accumulated depreciation	(2,290)	(1,957)	(1,790)	(1,500)
Written down value	5,051	4,787	4,698	4,646
Other equipment				
Cost	74,868	60,385	64,443	53,238
Valuations - initial	22,746	25,273	22,746	25,273
Accumulated depreciation	(52,157)	(43,790)	(46,575)	(39,101)
Written down value	45,457	41,868	40,614	39,410

11 PROPERTY, PLANT AND EQUIPMENT
(continued)

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Works of art				
Cost	45	40	4	-
Valuations - 2000	2,876	2,881	2,876	2,881
Written down value	2,921	2,921	2,880	2,881
Library holdings				
Cost	58,680	53,882	57,376	52,824
Valuations - 1998	14,389	14,389	14,389	14,389
Accumulated depreciation	(49,582)	(40,821)	(49,005)	(40,444)
Written down value	23,487	27,450	22,760	26,769
Total property, plant and equipment				
Cost	212,960	344,676	192,978	331,219
Valuations - initial	25,111	27,720	25,111	27,720
Valuations - 1996	-	341,544	-	341,544
Valuations - 1997	1,350	1,350	1,350	1,350
Valuations - 1998	14,389	14,389	14,389	14,389
Valuations - 2000	526,106	526,111	526,106	526,111
Valuations - 2001	186,014	270,553	186,014	270,553
Valuations - 2002	523,145	-	523,145	-
Accumulated depreciation	(647,354)	(605,265)	(636,495)	(596,664)
Written down value	841,721	921,078	832,598	916,222

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Land				
Opening balance	132,090	132,090	132,090	132,090
Closing balance	132,090	132,090	132,090	132,090
Buildings				
Opening balance	595,796	532,074	594,882	530,856
Transfer from work in progress	31,406	63,594	31,406	63,594
Adjustments	3,509	(162)	3,544	(162)
Purchases	2,022	98	-	-
Depreciation	(12,214)	(15,945)	(11,488)	(15,543)
Disposals	(2,517)	-	(2,507)	-
Adjustments due to revaluations	(124,325)	16,137	(124,325)	16,137
Closing balance	493,677	595,796	491,512	594,882
Work in progress				
Opening balance	1,181	49,044	1,181	49,044
Transfers to buildings	(31,406)	(63,594)	(31,406)	(63,594)
Additions	36,484	15,731	36,474	15,731
Closing balance	6,259	1,181	6,249	1,181
Student accommodation and residential property				
Opening balance	84,539	80,935	84,539	80,935
Purchases	8,635	-	8,635	-
Adjustments	-	(73)	-	(73)
Adjustments due to revaluations	18,186	3,677	18,186	3,677
Closing balance	111,360	84,539	111,360	84,539
Computer equipment and peripherals				
Opening balance	7,969	9,161	7,347	8,572
Adjustments	830	(554)	-	(622)
Purchases	3,452	4,940	2,951	4,652
Depreciation	(4,957)	(5,578)	(4,561)	(5,255)
Disposals	(896)	-	(322)	-
Closing balance	6,398	7,969	5,415	7,347
Computer software - NewSouth Solutions				
Opening balance	22,477	28,222	22,477	28,222
Purchases	-	762	-	762
Depreciation	(7,457)	(6,507)	(7,457)	(6,507)
Closing balance	15,020	22,477	15,020	22,477

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Motor vehicles				
Opening balance	4,787	4,844	4,646	4,652
Adjustments	453	(15)	-	(14)
Purchases	2,895	1,447	2,798	1,421
Depreciation	(333)	(432)	(290)	(368)
Disposals	(2,751)	(1,057)	(2,456)	(1,045)
Closing balance	5,051	4,787	4,698	4,646
Other equipment				
Opening balance	41,868	42,763	39,410	40,906
Adjustments	1,529	(1,226)	-	(1,749)
Purchases	13,252	8,399	9,478	7,651
Depreciation	(8,367)	(8,068)	(7,474)	(7,398)
Disposals	(2,848)	-	(800)	-
Transfer	23	-	-	-
Closing balance	45,457	41,868	40,614	39,410
Works of art				
Opening balance	2,921	2,925	2,881	2,885
Adjustments	-	(4)	-	(4)
Purchases	4	-	4	-
Disposals	(4)	-	(5)	-
Closing balance	2,921	2,921	2,880	2,881
Library holdings				
Opening balance	27,450	27,321	26,769	26,733
Adjustments	-	(1,340)	-	(1,341)
Purchases	4,821	10,771	4,552	10,512
Depreciation	(8,761)	(9,302)	(8,561)	(9,135)
Transfers	(23)	-	-	-
Closing balance	23,487	27,450	22,760	26,769
Total property, plant and equipment				
Opening balance	921,078	909,379	916,222	904,895
Adjustments	6,322	(3,374)	3,544	(3,965)
Purchases and additions	71,565	42,148	64,892	40,729
Depreciation	(42,089)	(45,832)	(39,831)	(44,206)
Disposals	(9,016)	(1,057)	(6,090)	(1,045)
Adjustments due to revaluations (i)	(106,139)	19,814	(106,139)	19,814
Closing balance	841,721	921,078	832,598	916,222

(i) The net revaluation decrement of \$106.139 M has been charged against the asset revaluation reserve and includes a \$77.375 M decrement resulting from an overstatement of revalued buildings in the prior year.

12 PAYABLES – CURRENT

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Sundry creditors	20,149	19,218	14,394	13,252
Accrued expenses other	18,790	6,693	8,079	3,030
Accrued expenses payroll	686	10,298	-	10,226
Total	39,625	36,209	22,473	26,508

13 PROVISIONS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Current				
Provision for annual leave	27,134	21,657	25,334	20,456
Provision for staff superannuation	51,873	39,590	51,873	39,590
Provision for redundancies	286	-	-	-
Provision for long service leave	8,759	9,848	8,313	9,418
Provision for workers' compensation	1,116	2,533	1,116	2,533
Provision for taxation	92	40	-	-
	89,260	73,668	86,636	71,997
Non-current				
Provision for staff superannuation	290,394	235,319	290,394	235,319
Provision for long service leave	53,942	44,579	53,069	43,959
Provision for workers' compensation	3,169	2,082	3,169	2,082
	347,505	281,980	346,632	281,360
	436,765	355,648	433,268	353,357
Provision for annual leave				
Opening balance of provision	21,657	22,489	20,456	21,654
Add contributions from operations	15,180	10,299	14,511	9,892
Less payments during year	(9,703)	(11,131)	(9,633)	(11,090)
Closing balance of provision	27,134	21,657	25,334	20,456
Provision for staff superannuation				
Opening balance of provision	274,909	187,232	274,909	187,232
Add contributions from operations	20,832	20,317	20,832	20,317
Less payments during year	(17,250)	(16,801)	(17,250)	(16,801)
	278,491	190,748	278,491	190,748
Plus deferred income - government contributions for superannuation	63,776	84,161	63,776	84,161
Closing balance of provision	342,267	274,909	342,267	274,909
Provision for redundancies				
Opening balance of provision	-	-	-	-
Add contributions from operations	286	-	-	-
Less payments during year	-	-	-	-
Closing balance of provision	286	-	-	-

13 PROVISIONS (continued)

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Provision for long service leave				
Opening balance of provision	54,427	58,714	53,377	58,004
Add contributions from operations	12,630	2,097	12,383	1,789
Less payments during year	(8,292)	(9,386)	(8,313)	(9,418)
Plus deferred income from Commonwealth Government (University College, ADFA)	3,936	3,002	3,935	3,002
Closing balance of provision	62,701	54,427	61,382	53,377
Provision for workers compensation (i)				
Opening balance of provision	4,615	5,426	4,615	5,426
Add contributions from operations	1,430	2,379	1,430	2,379
Less payments during year	(1,116)	(2,533)	(1,116)	(2,533)
Less operating expenses	(644)	(657)	(644)	(657)
Closing balance of provision	4,285	4,615	4,285	4,615
Provision for taxation				
Opening balance of provision	40	44	-	-
Add contributions from operations	130	43	-	-
Less payments during year	(78)	(47)	-	-
Closing balance of provision	92	40	-	-

(i) It is a requirement of the licence that the University maintain a provision for each fund in respect of outstanding claims liability as at 31 December each year. The following table shows the UNSW and ACT funds.

	University only			
	UNSW Fund	ACT Fund	Fund Total 2002	Fund Total 2001
Opening balance of provision	3,936	679	4,615	5,426
Add contributions from operations	1,645	(215)	1,430	2,379
Less payments during year	(1,081)	(35)	(1,116)	(2,533)
Less operating expenses	(600)	(44)	(644)	(657)
Closing balance of provision	3,900	385	4,285	4,615

14 OTHER LIABILITIES

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Current				
Income in advance	56,938	40,768	37,664	31,679
Trusts (i)	6,652	6,295	6,652	6,295
UNSW Foundation Ltd	-	-	25,167	25,173
Other	20,540	17,392	26,436	15,729
	84,130	64,455	95,919	78,876
Non-current				
Unisearch prepaid rent	-	-	3,415	3,540
Other	817	-	-	-
	817	-	3,415	3,540
(i) Trusts				
Opening balance	6,295	6,825	6,295	6,825
Investment income	532	527	532	527
Other income	1,419	10	1,419	10
Expenditure	(1,594)	(1,067)	(1,594)	(1,067)
Liability as at 31 December 2002	6,652	6,295	6,652	6,295
Assets and liabilities of trusts for which the University is a trustee				
Current assets				
Investments	6,652	6,295	6,652	6,295
Current liabilities	6,652	6,295	6,652	6,295

15 RESERVES

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
(a) Reserves comprise				
Asset revaluation reserves	116,054	222,193	105,498	211,637
Investment revaluation reserves	1,006	15,073	714	13,932
General reserves	950	950	-	-
Other reserves	141	141	-	-
Total reserves	118,151	238,357	106,212	225,569
(b) Movements in reserves				
Asset revaluation reserves				
Opening balance	222,193	202,379	211,637	191,823
Write down of buildings (i)	(77,375)	3,677	(77,375)	3,677
Revaluation of buildings 2002	(28,764)	16,137	(28,764)	16,137
Closing balance	116,054	222,193	105,498	211,637
Investment revaluation reserves				
Opening balance	15,073	9,482	13,932	8,161
Surplus/(loss) on revaluation of investments	(4,304)	5,639	(4,199)	5,771
Transfer to accumulated funds (ii)	(9,763)	-	(9,019)	-
Transfer to operations	-	(48)	-	-
Closing balance	1,006	15,073	714	13,932

15 RESERVES (continued)

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
General reserves				
Opening balance	950	950	-	-
Closing balance	950	950	-	-
Other reserves				
Opening balance	141	147	-	-
Adjustment	-	(6)	-	-
Closing balance	141	141	-	-

(i) A \$77.375 M write down of land and buildings following a detailed review of prior year valuations and the asset register.

(ii) Represents \$9.763 M (\$9.019 M University only) in revaluation gains from previous years that were realised in 2002 and transferred to accumulated funds.

16 ACCUMULATED FUNDS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Balance at beginning of the year	920,403	875,731	874,433	845,810
Operating results from ordinary activities	53,641	44,672	42,682	28,623
Transfer from investment revaluation reserve	9,763	-	9,019	-
Balance at the end of the year	983,807	920,403	926,134	874,433

17 EXPENDITURE AND LEASING COMMITMENTS
17.1 EXPENDITURE COMMITMENTS

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Building works	8,413	3,338	8,413	3,258
Plant and equipment	2,666	2,672	2,099	2,466
Other expenditure	1,383	-	1,383	-
Implementation of eProcurement	982	-	982	-
	13,444	6,010	12,877	5,724
GST payable (i)	1,344	601	1,288	572
	14,788	6,611	14,165	6,296
Payable				
Not later than 1 year	14,788	6,611	14,165	6,296
Later than 1 year but no later than 5 years	-	-	-	-
Later than 5 years	-	-	-	-
Total	14,788	6,611	14,165	6,296

17.2 OPERATING LEASE COMMITMENTS

Non-cancelable operating equipment leases contracted for but not capitalised in the financial statements

	7,390	7,968	2,051	2,085
GST payable (i)	739	797	205	209
	8,129	8,765	2,256	2,294
Payable				
Not later than 1 year	3,031	2,551	1,018	1,209
Later than 1 year but no later than 5 years	5,098	6,214	1,238	1,085
Total	8,129	8,765	2,256	2,294

(i) GST is recoverable from the ATO on all expenditure incurred.

18 SUPERANNUATION PLANS (University only)

University of New South Wales summary of 2002 increase/(decrease) in the superannuation (asset)/liability

	NSW State Superan- nation Scheme	State Authorities Superan- nation Scheme	State Authorities Non- Contributory Superan- nation Scheme	Professorial Superannua- tion Non- Contributory Scheme	2002 Total	2001 Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Opening balance of provision	247,539	(2,105)	4,197	25,278	274,909	187,232
Contributions from operations	9,202	3,202	4,185	4,243	20,832	20,317
Payments during year	(9,202)	(3,202)	(1,560)	(3,286)	(17,250)	(16,801)
	247,539	(2,105)	6,822	26,235	278,491	190,748
Deferred income due from Commonwealth /State Governments	59,036	4,740	-	-	63,776	84,161
Closing balance of provision (i)	306,575	2,635	6,822	26,235	342,267	274,909
(i) Current liabilities	35,476	-	-	16,397	51,873	39,590
Non-current liabilities	271,099	2,635	6,822	9,838	290,394	235,319
	306,575	2,635	6,822	26,235	342,267	274,909

19 CONTINGENT LIABILITIES

- (i) As at 31 December 2002 outstanding Staff Housing Scheme loan guarantees provided by the University pursuant to an agreement with the Commonwealth Bank of Australia total \$209,000 (\$253,038 in 2001).
- (ii) AGSM has a bank guarantee with ANZ Banking Group in favour of Harina Company Limited for lease premises, \$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.
- (iv) The University has been granted a license under Division 5 of Part 7 of the Workers' Compensation Act, 1987. In accordance with the license the University has the following bank guarantees: \$5,639,000 with ANZ Banking Group in favour of WorkCover New South Wales and \$500,000 with Westpac Banking Corporation in favour of ACT WorkCover.
- (v) There is a claim against a University employee that the University might be required to indemnify in whole or in part. If the indemnity is required from the University, the University will call upon its insurer to cover any liability.

20 CONTROLLED ENTITIES

Name of Entity	Country of incorporation	Ownership interest	
		2002 per cent	2001 per cent
Parent Entity - UNSW	N/A		
Controlled entities			
<i>AGSM Ltd</i>	Australia	66.67	66.67
<i>AGSM Consulting Ltd</i>	Australia	100	100
<i>University of New South Wales International House Ltd</i>	Australia	100	100
<i>University of New South Wales Press Ltd</i>	Australia	100	100
<i>Unisearch Ltd Group</i>	Australia	100	100
- Cystemix Pty Ltd (i)			
- Qucom Pty Ltd			
- Unisearch (Hong Kong) Ltd (ii)			
<i>NewSouth Enterprises Pty Ltd Group</i>	Australia	100	100
- NewSouth Global Pty Ltd			
- UNSW (Singapore) Pte Ltd			
- UNSW (Hong Kong) Ltd			
<i>The University of New South Wales Foundation Ltd</i> as Trustee for the University of New South Wales Foundation	Australia	100	100
<i>Australian Education Consultancy Ltd</i>	Hong Kong	100	100
<i>Biosignal Pty Ltd</i> (iii)	Australia	66.67	66.67
<i>Acyte Biotech Pty Ltd</i> (iii)	Australia	66.67	66.67

(i) Cystemix Pty Ltd was registered on 27 September 2002

(ii) Unisearch (Hong Kong) Ltd was deregistered on 11 October 2002

(iii) Ownership Split:

33.33 per cent University of New South Wales

33.33 per cent Unisearch Ltd Group

33.33 per cent 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.

21 OUTSIDE EQUITY INTERESTS

	Consolidated	
	2002 \$'000	2001 \$'000
Outside equity interests in controlled entities comprise:		
Retained results	3,663	4,734
Reserves	187	52
Total	3,850	4,786

22 ASSOCIATED ENTITIES

Name of Entity	Principal Activity	Ownership Interest		Carrying Amount	
		2002 per cent	2001 per cent	2002 \$'000	2001 \$'000
Planet Learning Pty Ltd	Multimedia education	14.6	34.5	-	11
		14.6	34.5	-	11

23 DISAGGREGATION INFORMATION (CONSOLIDATED)

Industry	Revenue		Results(i)		Assets	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Higher education	865,417	818,692	51,898	43,831	1,637,842	1,592,755
Consultancy – Unisearch Ltd Group	19,010	16,537	504	716	25,644	23,676
Publishing – UNSW Press Ltd	14,265	12,201	302	(144)	3,659	3,427
Total	898,692	847,430	52,704	44,403	1,667,145	1,619,858
Geographical						
Australia	896,935	845,962	51,936	44,167	1,665,687	1,618,530
Asia	1,757	1,468	768	236	1,458	1,328
Total	898,692	847,430	52,704	44,403	1,667,145	1,619,858

(i) Net operating results before outside equity interests and transfers to and from reserves

24 FINANCIAL INSTRUMENTS

UNSW's accounting policies and terms and conditions for each class of financial assets, financial liability and equity instrument are:

SECTOR	ACCOUNTING POLICIES	TERMS AND CONDITIONS
Cash	Recorded at cost. At balance date cash is carried at nominal values and reconciled to monies on hand and independent bank statements.	Opening and closing of bank accounts is carried out under the authority of the Vice-Chancellor. Monies on deposit attract interest in accordance with arrangements with Banks.
Receivables	At balance date receivables are recognised and carried at cost. Provision for doubtful debts is made when collection of the full outstanding amounts is no longer probable. Bad debts are written off in accordance with ruling procedures. No interest is earned on debtors.	Payment terms are thirty (30) days net.
Investments	Represented by three investments pools, Short to Medium term (Pool S), Long Term (Pool L) and Unlisted Companies and Intellectual Property (Pool P). Investments in Pools S and L are recorded at market value. The value of the investments reflects decreases/increases in domestic and international markets and is stated at net fair value. Investments in Pool P are recorded at market value or directors' valuations.	Investments in Pool S are generally able to be redeemed within three business day's notice. Investments in Pool L are generally able to be redeemed at exit price within thirty business days notice. Assets of Pool S and Pool L are held in custody by Commonwealth Custodial Services Ltd. Investment instructions are forwarded for implementation to CCSL under the signatures of two (2) appointed investment attorneys.

Consolidated

The following table details the consolidated entity's exposure to interest rate risk as at the 31 December 2002:

2002	Average 2002 Interest Rate per cent	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		
Financial assets							
Cash	4.36	46,038					46,038
Receivables						51,491	51,491
Accrued income						34,157	34,157
Sundry advances						8,272	8,272
Investment interest receivable	4.09		181				181
Unlisted shares						6,513	6,513
Unlisted trusts	(2.8)			176,697			176,697
Other securities	5.5		35,065	535			35,600
Term deposits	5.5		101,870			250	102,120
Liquids	5.5		40,719	6,572			47,291
Other				8,135			8,135
Government contributions for superannuation						306,652	306,652
Total financial assets		46,038	177,835	191,939	-	407,335	823,147
Financial liabilities							
Sundry creditors						38,939	38,939
Employee entitlements						373,583	373,583
Other						85,039	85,039
Government contributions for superannuation						63,776	63,776
Total financial liabilities						561,337	561,337
Net financial assets/(liabilities)		46,038	177,835	191,939	-	(154,002)	261,810

The following table details the consolidated entity's exposure to interest rate risk as at the 31 December 2001:

2001	Average 2001 Interest Rate per cent	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		
Financial assets							
Cash	4.81	49,967					49,967
Receivables						44,271	44,271
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
Unlisted 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
Other				3,778			3,778
Government contributions for superannuation						242,875	242,875
Total financial assets		49,697	145,848	182,543	-	318,000	696,358
Financial liabilities							
Sundry creditors						25,911	25,911
Employee entitlements						281,745	281,745
Other						64,495	64,495
Government contributions for superannuation						84,161	84,161
Total financial liabilities		-	-	-	-	456,312	456,312
Net financial assets/(liabilities)		49,967	145,848	182,543	-	(138,312)	240,046

25 NOTES TO THE STATEMENT OF CASH FLOWS

	Consolidated			University		
	End of reporting period \$'000	Beginning of reporting period \$'000	Move-ment \$'000	End of reporting period \$'000	Beginning of reporting period \$'000	Move-ment \$'000
a) Cash at beginning and end of reporting period						
Cash	46,038	49,967	(3,929)	12,054	30,100	(18,046)
Short term deposits	177,654	145,358	32,296	169,646	132,755	36,891
	223,692	195,325	28,367	181,700	162,855	18,845
b) Net cash provided or used by operating activities						

Net Cash provided or used by operating activities is reconciled to operating results as follows:

	Consolidated		University	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Operating result after tax	52,704	44,403	42,682	28,622
Depreciation	42,089	45,832	39,831	44,206
Provision for doubtful debts	1,202	(259)	1,344	(1,520)
Loss on disposal of property, plant & equipment	5,413	64	5,091	70
Adjustment to other reserves	-	6	-	-
Net foreign exchange loss	71	42	-	-
Net foreign exchange gain	(60)	(2)	-	-
Gains on sales of investments	(1,250)	(4,165)	(221)	(2,177)
Changes in assets and liabilities:				
(Increase)/decrease in receivables	(7,472)	(1,812)	(9,724)	(4,627)
(Increase)/decrease in accrued interest receivables	309	(343)	43	-
(Increase)/decrease in accrued income	(14,807)	(3,881)	(12,880)	(3,075)
(Increase)/decrease in inventories	145	(84)	164	65
(Increase)/decrease in sundry advances	1,108	(479)	556	(254)
(Increase)/decrease in payments in advance	(5,628)	3,768	(6,020)	3,912
(Increase)/decrease in deferred superannuation	(63,776)	(84,161)	(63,776)	(84,161)
(Increase)/decrease in other assets	(4,357)	(678)	(263)	(469)
(Increase)/decrease in loans to members of staff	3	7	3	7
Increase/(decrease) in sundry creditors and accrued expenses	3,416	(6,893)	(4,035)	(6,306)
Increase/(decrease) in prepaid income	16,170	5,843	5,985	6,202
Increase/(decrease) in other liabilities	4,322	(5,285)	10,933	9,641
Increase/(decrease) in provisions	81,117	81,787	79,911	81,040
Net cash provided by operating activities	110,719	73,710	89,624	71,176

26 ACQUITTAL OF COMMONWEALTH GOVERNMENT FINANCIAL ASSISTANCE

26.1 TEACHING AND LEARNING (University only)

	Operating financial assistance, excluding HECS and PELS		HECS		PELS		Teaching Hospitals	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Financial assistance in advance (paid in previous reporting period for current reporting period)	9,243	9,294	4,639	4,366	-	-	63	61
Plus Financial assistance received during reporting period	123,321	120,712	58,109	54,698	7,544	-	786	770
Plus Contributions actually received from students	-	-	17,882	17,167	-	-	-	-
Less Financial assistance in advance (received in the reporting period for the next reporting period)	(9,634)	(9,243)	(4,915)	(4,639)	-	-	(64)	(63)
Accrual adjustments								
Prior year adjustment	(219)	(1,102)	-	2	-	-	-	-
Future adjustment from trust fund	-	(68)	-	-	-	-	-	(16)
Other					2,963			
Revenue attributed to reporting period	122,711	119,593	75,715	71,594	10,507	-	785	752
Plus Surplus/(deficit) prior year	-	-	-	-	-	-	-	-
Funds available for reporting period	122,711	119,593	75,715	71,594	10,507	-	785	752
Less Expenses for current period	(122,711)	(119,593)	(75,715)	(71,594)	(10,507)	-	(785)	(752)
Surplus/(deficit) for reporting period	-	-	-	-	-	-	-	-

26.2 AUSTRALIAN RESEARCH COUNCIL (University only)

	Discovery Projects (Large Grants)		Linkage - Other (SPIRT)		Discovery - Research Fellowships		Discovery - Federation Fellowships		Linkage - Infrastructure - Equipment & Facilities		Linkage - International Researcher Exchange		Linkage - Centres of Excellence	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Financial assistance in advance (paid in previous reporting period for current reporting period)	-	-	-	80	-	-	-	-	-	-	-	-	-	-
Plus Financial assistance received during reporting period	13,160	11,781	6,850	5,728	2,049	2,229	626	-	1,351	952	289	439	2,592	1,282
Less Financial assistance in advance (received in reporting period for next reporting period)	(810)	-	(356)	-	(80)	-	(47)	-	-	-	(8)	-	(32)	-
Accrual adjustments	324	22	(377)	-	68	(26)	-	-	-	-	-	-	-	490
Revenue attributed to reporting period	12,674	11,803	6,117	5,808	2,037	2,203	579	-	1,351	952	281	439	2,560	1,772
Plus Surplus/ (deficit) prior year	4,720	4,600	1,138	984	1,335	1,496	-	-	454	531	222	159	171	1,759
Funds available for reporting period	17,394	16,403	7,255	6,792	3,372	3,699	579	-	1,805	1,483	503	598	2,731	3,531
Less Expenses for current period	(12,803)	(11,683)	(5,924)	(5,654)	(1,775)	(2,364)	(588)	-	(1,348)	(1,029)	(332)	(376)	(2,719)	(3,360)
Surplus/(deficit) for reporting period	4,591	4,720	1,331	1,138	1,597	1,335	(9)	-	457	454	171	222	12	171

26.3 DEST RESEARCH (University only)

	Small Research		Institutional Grants Scheme		Research Training Scheme		Systemic Infrastructure Initiative		Research Infrastructure		Australian Postgraduate Awards		International Postgraduate Research Scholarships	
	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000	2002 \$'000	2001 \$'000
Financial assistance in advance (paid in previous reporting period for current reporting period)	-	226	2,034	1,801	3,219	3,004	308	-	961	712	-	-	-	-
Plus Financial assistance received during reporting period	-	2,598	25,461	22,745	40,399	37,766	3,705	308	12,145	9,151	6,649	6,320	1,381	1,533
Less Financial assistance in advance (received in reporting period for next reporting period)	-	-	(2,035)	(2,034)	(3,329)	(3,219)	(156)	(308)	(1,075)	(961)	-	-	-	-
Accrual adjustments	-	-	-	-	-	-	-	-	-	-	-	-	(2)	-
Revenue attributed to reporting period	-	2,824	25,460	22,512	40,289	37,551	3,857	-	12,031	8,902	6,649	6,320	1,379	1,533
Plus Surplus/ (deficit) prior year	3,069	1,468	-	-	-	-	-	-	1,448	1,907	2,525	2,413	-	-
Funds available for reporting period	3,069	4,292	25,460	22,512	40,289	37,551	3,857	-	13,479	10,809	9,174	8,733	1,379	1,533
Less Expenses for current period	-	(1,223)	(25,460)	(22,512)	(40,289)	(37,551)	(3,272)	-	(13,479)	(9,361)	(6,3490)	(6,208)	(1,3790)	(1,533)
Surplus/(deficit) for reporting period	3,069	3,069	-	-	-	-	585	-	-	1,448	2,825	2,525	-	-

26.4 SUMMARY OF UNSPENT FINANCIAL ASSISTANCE

Category of financial assistance	Amount of unspent financial assistance at 31-Dec-02	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
	2002 \$'000	2002 \$'000	2002 \$'000
Operating, excluding HECS	-	-	-
HECS	-	-	-
PELS	-	-	-
Teaching hospitals	-	-	-
Discovery projects (large grants)	4,591	4,591	-
Linkage - other (SPIRT)	1,332	1,332	-
Discovery - research fellowships	1,597	1,597	-
Discovery - federation fellowships	(9)	(9)	-
Linkage - infrastructure equipment and facilities	457	457	-
Linkage - international researcher exchange	171	171	-
Linkage - centres of excellence	12	12	-
Small research	3,069	3,069	-
Institutional grants scheme	-	-	-
Research training scheme	-	-	-
Systemic infrastructure initiative	586	586	-
Research infrastructure	-	-	-
Australian postgraduate awards	2,826	2,826	-
International postgraduate research scholarships	-	-	-
	14,632	14,632	-
Higher Education Innovation Program	1	1	-
	14,633	14,633	-

END OF AUDITED FINANCIAL REPORT

