

The University of Sydney is Australia's first university. It leads the country in maintaining the best of time-honoured university traditions and demonstrates its leadership by the innovation and quality of its research and teaching. It measures its achievements by international standards and aspires to have these recognised throughout the world as the criterion by which Australian higher education is judged.



Roles and Values

The role of the University of Sydney is to create, preserve, transmit and apply knowledge through teaching, research, creative works and other forms of scholarship.

In carrying out this role, the University of Sydney reaffirms its commitment to:

- ▶ institutional autonomy, recognition of the importance of ideas, intellectual freedom to pursue critical and open inquiry, and social responsibility;
- ▶ tolerance, honesty and respect as the hallmarks of relationships throughout the University community and underpinning high standards of ethical behaviour; and
- ▶ understanding the needs and expectations of those whom it serves and striving constantly to improve the quality and delivery of its services and access to those services.

The University Plan, 1999–2004

Charter

The University of Sydney was incorporated by the Parliament of New South Wales on 1 October, 1850, making it Australia's first university.

"The functions ... of the University include:

- a) the provision of educational and research facilities at university standard;
- b) the promotion, advancement and transmission of knowledge and research;
- c) the commitment to the development and provision of cultural, professional, technical and vocational services to the community; and
- d) the conferring of the degrees of Bachelor, Master and Doctor and the awarding of diplomas and other certificates."

University of Sydney Act, 1989 (as amended)

Major goals

- ▶ The University of Sydney will maintain and enhance its position as an outstanding provider of high quality undergraduate and postgraduate teaching, both in Australia and internationally.
- ▶ The University of Sydney will continue to provide access to tertiary study and appropriate support for students from a diversity of backgrounds.

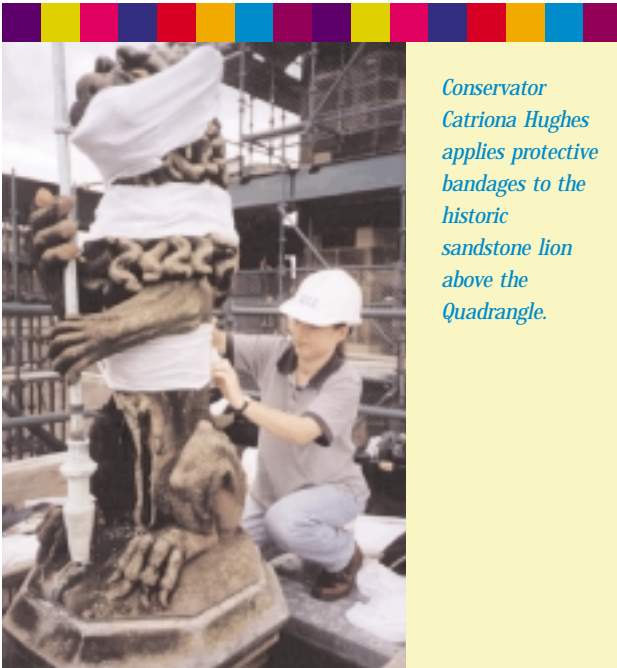
The Chancellor, Dame Leonie Kramer, and the Vice-Chancellor, Professor Gavin Brown, with Nelson Mandela after he received his honorary degree from the University of Sydney in September.

- ▶ The University of Sydney will develop its reputation as an institution where pure and applied research and research training relevant to the economic, social and cultural well-being of Australia and the region are conducted at nationally and internationally recognised standards.
- ▶ The University of Sydney will further enhance its position as a university of high standing in the international community of scholars.
- ▶ The University of Sydney will continue to make a significant contribution to the well-being and enhancement of the wide range of professions with which it engages.
- ▶ The University of Sydney will improve its position as an efficient, effective and responsible institution, striving to meet the needs of students and staff, and committed to quality in all aspects of its operations.
- ▶ By providing knowledge, opportunity and encouragement, the University of Sydney will maintain and enhance its position as a leading contributor to the opinions and ideas, cultures and lifestyles of the many communities it serves locally, nationally and internationally.

The University Plan, 1999–2004



Highlights of 2000



Conservator Catriona Hughes applies protective bandages to the historic sandstone lion above the Quadrangle.

Clocktower gets timely facelift

The University of Sydney Clocktower's original sandstone lion, created in the early 1860s, will never again survey the Quadrangle from the crest of the western gable. Its position is to be taken by a newcomer, a fresh lion carved "in the spirit of the original", for the start of the 2001 academic year.

The lion, which had deteriorated badly, was only one part of the famous Clocktower to receive a facelift as part of a major project under the University's Heritage Fabric Maintenance and Conservation Program project. The work to repair the ravages of wind and rain, costing some \$1.6 million, began late in 1999 and continued throughout most of 2000.

"We have carried out detailed investigations as part of a full study of our heritage fabric, which determined that the cupolas and a lot of the carvings are in urgent need of repair," assistant director in the Facilities Management Office, Derek Hallam, said.

Much of the work carried out on the clock tower is invisible from the ground, but it required the skill and experience of 18 stonemasons.

In other work to battle rising damp in the Quadrangle, new drainage services were installed and the original pavers were replaced with new pavers custom made by the University's Trades Group staff to match the original colours and layout.



2000 research success

The University of Sydney secured \$13.62 million for new research in the round of Australian Research Council (ARC) grants announced in November – more than any other Australian university. Sydney received 83 new ARC large grants with a value of \$5.24 million, and 20 of the 100 new ARC research fellowships which were announced at the same time. The University also performed outstandingly well in the ARC's Research Infrastructure, Equipment and Facilities program, and in the National Health and Medical Research Council grants also announced in November.

Support for research grows

In a new scheme announced in August, the University of Sydney marked its 150th anniversary by committing \$150 million for direct research support over the next ten years. The program aims to build research infrastructure and was designed to acknowledge the requirements of different disciplinary groups. In launching the new scheme, the Vice-Chancellor, Professor Gavin Brown, predicted that the amount would soon be multiplied through competitive grant success and through additional partnerships and donations.

International student numbers up

Overseas student enrolments at the University of Sydney rose by 22 per cent in 2000, representing a 60 per cent overall increase in the two years since 1998. In first semester, 1,277 international students commenced studying in a full-degree program, compared to 1,052 in 1999 and 853 in 1998.

Awards for collaboration with industry

The University of Sydney won more awards than any other Australian university in the latest round of Business/Higher Education Round Table (BHERT) awards, announced in November. Six of the 13 BHERT awards went to collaborative projects in which the University was a partner.

Sydney wins teaching grants

University of Sydney projects featured prominently among winners of the Federal Government's prestigious Science Lectureships, an initiative to promote the study of science at universities. Sydney was one of only four universities to receive two grants – for projects in molecular biotechnology and e-commerce – for which they are the lead institution. Two other funded projects in which the University is involved are in computer science and photonics.

Sydney Peace Prize to East Timorese leader

Xanana Gusmao, President of the National Council for East Timorese Resistance, visited the University in November to accept the Sydney Peace Prize and to deliver the 2000 Peace Prize Lecture.

Olympic success

Twenty-one athletes from the University competed in the Sydney Olympics and provided some of the most dramatic moments of the Games. Medal winners included water polo players Liz Weekes, Yvette Higgins and Debbie Watson and swimming captain Chris Fydler, who were all members of teams which won gold medals, and Rebecca Gilmore, who won a bronze medal in the new Olympic event of synchronised diving.

Birthday celebrations

The University celebrated its 150th anniversary with a series of major sesquicentenary projects supporting research and teaching and a number of events that allowed its many communities to join in the celebrations. In October, the Vice-Chancellor's Sesquicentenary Distinguished Lecture Series brought to the University the British Lord Chancellor, Lord Irvine of Lairg, and Dick Pound QC, Vice-President of the International Olympic Committee and Chancellor of McGill University.

What makes a champion?

Former South African president Nelson Mandela visited the University in September to deliver the keynote address at the Centre for the Mind's *What Makes a Champion?* conference and to receive an honorary degree of Doctor of Laws.

In his address, Mr Mandela talked about the failure of the 20th century to end world poverty and inequality, despite major advances in science and technology. He said the achievements of all champions were diminished while such conditions remained, and expressed a wish for the new century to "extend the limits of human possibilities".

An extraordinary collection of more than 200 champions gathered at the University for the two-day conference to grapple with the roles played by nature and nurture in human achievement.



Among the gathering were former Prime Minister Malcolm Fraser and current Prime Minister John Howard, Nobel Prize winner Dr Peter Doherty, scientist Sir Gustav Nossal, mountaineer Sir Edmund Hillary, magistrate Pat O'Shane, businesswoman Imelda Roche, astronomer Dr Bryan Gaensler, soprano Yvonne Kenny, journalist Anne Summers, musician Roger Woodward and Olympians Herb Elliott, Ron Clarke, Ralph Doubell, Peter Montgomery and Shane Gould.

Facilitated by journalists Phillip Adams, Maxine McKew, George Negus, Peter Thompson and Margaret Throsby, the panellists explored the importance of setting dreams and overcoming adversity, risk taking, whether champions can be crafted, and whether they are likely to triumph in more than one arena.

Nelson Mandela, champion of champions



Opposition leader Kim Beazley met the Vice-Chancellor, Professor Gavin Brown, before addressing a seminar on defence in the Great Hall organised by the Research Institute for Asia and the Pacific in August. Mr Beazley promised greater funding for university research under a Labor government.

Director of the Centre for the Mind, Professor Allan Snyder, said the aim was to identify common factors in the make-up of champions that could promote excellence in other areas.

"Answer the question 'What makes a champion?', and we will have made a profound contribution to understanding the human mind," he said. "We could capture the crucial ingredient that lets the human spirit soar."

Just some of the 200 champions (from left):

Malcolm Fraser, Yiannis Kouros, Irena Szewinska, Herb Elliott, Harry M. Miller, Alex Hamill, Father Bienvenido Nebres, Anne Summers, Matthew Reilly, Yvonne Kenny, Di Morrissey, Kevan Gosper, Shane Gould, Poppy King, Sir Gustav Nossal, Bryan Gaensler, Shelley Taylor-Smith, Alex Hartman, Air Commodore Julie Hammer, James Millar, Elkhonon Goldberg, Professor Allan Snyder, Debra Flintoff-King, Imelda Roche, Ian Gawler, Peter Thompson, Richard Butler, Margaret Throsby, Ralph Doubell, Mark Bagshaw, Peter Doherty, Joyce Brown, John Konrads, and George Negus.



2000 – Facts at a glance

Total number of full-time staff	5253
Total University enrolment	39950
<small>(includes 2,404 enrolled at the Australian Graduate School of Management which is run jointly with the University of New South Wales)</small>	
Commencing undergraduate enrolments	11531
Commencing higher degree enrolments	3157
International student enrolments	4415
Total number of degrees and diplomas awarded	8168
Undergraduate degrees and diplomas available	106
Graduate degrees available	330
Number of faculties	18
Number of departments	101
Number of residential colleges and halls of residence	14
Distance from GPO in km	3
Volumes held in the University of Sydney Library	4,791,512
Fellows of the Senate	22



Chancellor's report

The year 2000 was a remarkable one for Australia, Sydney and the University of Sydney. It was a year which highlighted achievement in sport and in the arts. It drew attention to our history, and offered recognition to a range of people who have served voluntarily across Australia in countless community projects over the years.

The University provided an army of volunteers from many departments to support the Olympics and Paralympics. They included singers, performers in the opening and closing ceremonies, doctors, nurses, physiotherapists, and assistants in drug testing, veterinary pathology, the media and many other activities. The Seymour Theatre Centre hosted a full program of events as part of the Sydney 2000 Paralympic Arts Festival. The Games ended on 1 October, which was the 150th anniversary of the passing of the Bill through the Colonial Parliament that established the University of Sydney; and, for us, this was an event just as memorable as the Games. On that day, we sent a message to 140 of the world's leading universities, which, I believe, is one way of paying tribute to the hopes of our pioneering founders.

Our alumni and friends continue to support us through the Foundations and through special endowments and benefactions. The Mills Building, which houses Art History and Theory, has been restored. It contains the Schaeffer Fine Arts Library, which incorporates the Power Research Library of Contemporary Art, the Fern Reading Room, the Gene and Brian Sherman Room, the 19th Century Art Room (part of the Schaeffer Bequest) and the Ian Potter Foundation Room.

This was a year of exhibitions. Caroline Simpson commissioned a collection of David Moore's work – "Stones of Learning" – which was exhibited in the War Memorial Gallery and for which a splendid catalogue was published. It was the first time Mr Moore had photographed the University. With the aid of a cherry-picker, he showed details of the stonemason's art invisible from the ground. The University, through the Morissey Bequest fund, acquired 50 Chinese prints. An exhibition of these was held in July and August. Peter Callas's display of new media prints – "Un Novo Tempo" – was a most unusual and rewarding experience. In September, a promotional exhibition – "The Art of Giving" – was held in the Institute Building in a new display Gallery. It featured antiquities, ethnographic artefacts, and paintings from the University collections. An unusual gift from the Assyrian community to the University for its Sesquicentenary celebrations was a statue of Gilgamesh. From 1 January, 2000 Senate approved the establishment of a Faculty of Pharmacy – the first in Australia. Thanks to generous donations from the Pharmacy Alumni Association, an unprepossessing main corridor in the Pharmacy Building was transformed into an elegant space.

There were special events abroad. The annual reception for our British Alumni was held in the Great Hall of St Bartholomew's in London. It coincided with the July week celebrations of the passing of Australia's Constitution Act. The Prime Minister spoke about the importance of the University's history and achievements, and we welcomed two former Prime Ministers, who are not Sydney graduates, John Gorton and Bob Hawke, as well as many distinguished British Alumni. We also attended the reception at King's College at which the Prime Minister announced the relocation of the Menzies Centre to the College. The Sydney University Graduate Union of North America celebrated its 10th Anniversary in Kansas City, with a number of scientific and literary papers, and a dinner at which the annual SUGUNA/Jim Wolfensohn Award was presented. Later in the year, there were gatherings of alumni in Hong Kong and Singapore, where I represented the University at the opening of the new campus of Nanyang Polytechnic. Our international contacts and alliances were greatly strengthened by the Vice-Chancellor's visits to universities in the USA, Britain, and Asia. 2000 was a good year for honorary degrees, which recognised leaders in the arts, law, science, business, and public service. Among them was Nelson Mandela (guest of honour at a conference on "What Makes a Champion"), Charles Perkins, the Hon. Justice Jane Mathews, the Hon. Justice R.P. Meagher, Professor Suzanne Cory, Director of the Walter and Eliza Hall Institute in Melbourne, Margaret Olley, Don Burrows, David Clarke, banker and patron of the arts, and Sir Avi Parbo, a most distinguished businessman.

It has been a year of achievement and recognition. We are seen as a progressive and imaginative institution, providing strong academic leadership, contributing to major policy issues and community needs, and encouraging students to achieve. We receive growing support from individuals and organisations here and abroad. Not least, people like to come to the University of Sydney, and we enjoy welcoming them.

Emeritus Professor Dame Leonie Kramer
Chancellor



Vice-Chancellor's report

At the initial launch of the sponsorship of the Sydney University Sandpipers netball team, I caused some sharply indrawn breath by predicting, even demanding, a play-off place in 2000. This was what the team achieved, a fact that reflects great credit on coach Lenore Blades and her players. My point was that in every University of Sydney activity we expect ambition and commitment.

In fact, in congratulating our staff and students on their outstanding achievements in the year 2000 I experience both pleasure and pain. The pleasure is obvious. All of us can feel lifted by high quality success and we can share part of the joy of those who create it. On the other hand, the whole enterprise is precarious because we must perform at a level beyond that which our resources can continue to guarantee. Moreover, as traditional activities are squeezed, it becomes even more difficult to commit to investment in defining the future, but that is unquestionably what we must have the will to accomplish.

It is good that staff numbers have not fallen and, independently, it is good that student numbers have increased. The first secures employment and the second widens access. The combination, as anyone can see, increases the demands on teachers and on accommodation, it can lead to overcrowded classrooms and to tutorials which are too large to be intimate. As well as restoring and refurbishing historic buildings we have embarked on a bold building program. The Eastern Avenue complex not only provides important new teaching space but enhances the environs of the Carlaw Building. Other developments under way will be good for both research and teaching.

Four years ago we disciplined ourselves to take funds from the top of the budget to develop our research capacity through the U2000 scheme. The fruits of that are now evident. We have won back the position of Australia's leading research university and are well on the way to consolidating that place. In the year 2000 we won, in the current three-year cycle for both Australian Research Council and National Health and Medical Research Council schemes, about one seventh of the competitive funds available to Australia's 38 universities.

As the U2000 scheme phases out, we have made in 2000 a renewed commitment to research support through a Sesqui scheme named for our 150th birthday.

A major component of our continued investment in research is the scheme of postdoctoral fellowships which identifies and supports promising young Australians, attracts burgeoning talent from overseas and encourages expatriates to return at a pivotal point of their careers. In the belief that new blood is equally important for teaching and for forward planning at school or department level, we introduced an additional Sesqui scheme in 2000. The initiative provides 15 new lectureships in each of three years, and the positions are centrally funded for three years. This helps to reward areas of the University which have undertaken restructuring and effective strategic development.

We continue to work to enhance the teaching and learning environment and, in some instances, to arrest its deterioration. Regular forums serve to disseminate good practice through the institution and we benchmark internationally with universities such as University College London, Lund, Oxford and Edinburgh. One should never measure teaching quality in too crude a way, but we ought to be able to demonstrate what we seek to achieve and how we determine whether we are successful. Existing national criteria suggest that this is indeed the case but we must never feel self-satisfied.

Simple though it may seem, the strategy of putting research and teaching first, when we define our goals or assess our progress, requires continual re-assertion. As resources shrink, we could become tempted to focus on income generation as an end in itself, when it is simply an enabling manoeuvre to allow us to pursue the core goals.

Some call me old-fashioned when I assert that a core part of the teaching and learning environment which we provide for our students is the wide range of activity outside the classroom. In this regard we work closely with the University of Sydney Union and I am happy to see and to welcome the completion of the renovation and extension of Manning House. There is a healthy culture of student societies whose nature ranges from the very serious to the almost frivolous. We have drama, music, theatresports and debating. In 2000, the University of Sydney hosted the World Student Debating Championships and therefore could not compete for the title. As we had two teams in the final in 1999 our prospects for 2001 have always looked good.

All the candidates short-listed for the 2000 NSW Rhodes Scholarship came from the University of Sydney. Annaliese Grummitt won that award and Andrew Charlton won an Australia-at-large Rhodes Scholarship. Criteria include high academic achievement, community engagement and sporting participation.



Student sport goes from strength to strength, backed by a powerful scholarship program from the two Sports Unions. This year we again took first place in the Australian student games and again we reached the final of the NSW club rugby championship. Everyone fully intends to go one better despite the penalty for success being the loss of large numbers of players for most of the season to representative games. Our men's soccer team won the Kennard Cup and was promoted to the State first division.

Nobody can discuss 2000 without celebrating the Sydney Olympics. Not only did the University have a large number of athletes taking part and winning medals, we provided many of the administrators from our graduates. A new intellectual dimension was added with the "What Makes a Champion?" event, conceived and organised by Professor Allan Snyder, with the Prime Minister as patron. Through his good offices, we were able to have champion of champions, Nelson Mandela, as our guest and as the opening speaker.

A complex organisation with some 40,000 students and 5,250 staff needs to have in place effective administrative policies and procedures. Improvement, revision and development are ongoing. In 2000, the Academic Board undertook a substantial review of examination procedures across the institution, making sure that responsibilities for academic and administrative decisions were clearly spelled out and striving for consistency and clarity across the various distinct disciplines.

A major review of procedures to deal with harassment was undertaken with the assistance of the Anti-Discrimination Board and involved extensive consultation. A particular emphasis of the new protocols is early assistance to all parties with a view to resolution rather than protracted formal proceedings. There was considerable feedback from the audit of the 1999 accounts which led to major improvements in 2000. That process continues and a review of Financial Services will be completed in 2001.

Just as we have committed to capital development for buildings, we have also set aside funds for information technology developments. In 2000 we moved over to a new IT financial system and made further progress with a partly custom-designed student system. This will not only simplify enrolment and change of enrolment for both students and staff, it will allow us to return data to the Department of Education, Training and Youth Affairs (DETYA) in a more timely and efficient manner.

It should be noted, however, that in the 2000 profiles visit, the DETYA team congratulated the University on the quality and effectiveness of the information we already provide.



With our 150th birthday now upon us, it is late to be building our infrastructure in external affairs and development. On the other hand, this is an area of activity which is weak in Australian universities and where North American models do not translate in an obvious way. A key appointment followed by careful planning has characterised 2000 and we look to significant enhancement of the support provided by the Development Office to the various areas of the University.

From the beginning, the University of Sydney has been conscious that universities operate in an international community. The earliest aspirations took Oxford and Cambridge as role models although there was borrowing from the foundation of the University of London and its component colleges. A little later came very strong recruitment and consequent influence from the Scottish universities.

Nowadays we look also to North America, to continental Europe and, of course, to Asia in our immediate environs. As aspects of the world shrink as new technologies have their impact, it becomes even more important that we measure our achievements by international standards and that we forge many and varied alliances at individual and at institutional level.

During 2000, I was elected to the Steering Committee of APRU, the organization of Pacific Rim University presidents on which are represented universities ranging from Berkeley and the University of Southern California through Chile to Kyoto and Tokyo. Our next meeting will be at Fudan University in Shanghai.

Further international profile for Australia's leading universities comes from the activities of the Go8 (Group of Eight) made up of the vice-chancellors of Adelaide, ANU, Monash, Melbourne, Queensland, UNSW, Western Australia and Sydney. I became Chair of that group during the year.

Because we seek to be judged by international criteria, indeed our ambition is to be the measuring stick by which the best of Australian higher education is tested, we can never be entirely satisfied by our accomplishments. That said, the year 2000 was one of considerable achievement for the University of Sydney.

Professor Gavin Brown

Vice-Chancellor and Principal

The Senate

The role of the Senate

The Senate of the University oversees all major decisions concerning the conduct of the University, including staff appointments and welfare, student welfare and discipline, financial matters and the physical and academic development of the University.

It awards all degrees and diplomas and is responsible to the Parliament of NSW.

Under the University of Sydney Act, 1989, the Senate comprises 22 Fellows who hold office for differing periods under various categories of membership. The Vice-Chancellor and Principal and the Chair of the Academic Board are ex officio members of the Senate. The Senate elects the Chancellor for a term of office of four years and the Deputy Chancellor for a term of two years.

There are nine committees of Senate (see under "Supplementary Information", pages 52 and 53).

The Senate meets on the first Monday of each month with the exception of January and is presided over by the Chancellor.



Fellows of the Senate

In 2000, the Senate comprised:

Chancellor

Emeritus Professor Dame Leonie Judith Kramer

AC DBE BA *Melb* DPhil *Oxf* HonDLitt *Tas* HonLLD *Melb* & *ANU*
HonDLitt *Old* & *UNSW* DUniv GUPS *StPetersburg* MA(Hons),
FACE FAHA

Chancellor from 1 June 1991

Deputy Chancellor

Mrs Daphne A Kok

BA LL.M (a Fellow elected by and from the graduates)

Deputy Chancellor to 7 February 2000

Mrs Renata R Kaldor

BA Dip Ed *UNSW* (a Fellow appointed by the Minister for
Education and Training)

Deputy Chancellor from 7 February 2000

Vice-Chancellor and Principal

Professor Gavin Brown

MA *StAnd* PhD *Ncle(UK)* HonLLD *StAnd*, FAA

Fellow from 1 July 1996

Chair of the Academic Board

Professor Lawrence E Cram

BSc BE PhD

Fellow from 22 March 1999

Appointed

*Fellows appointed by the Minister for Education and Training, to
hold office for four years from 1 January 1998:*

Mr G Milton Cujes

MEd *Melb* DipEd *UNE* DipSchAdmin *ACAE* BEc MA, MACE MACAE
FAIM

Fellow from 1 January 1998

Mr David M Hoare

BEc, FCPA

Fellow from 1 January 1998

Mrs Renata R Kaldor

BA DipEd *UNSW*

Fellow from 24 January 1989

Mr John A McCarthy, QC

LLM *Virg* BA LLB

Fellow from 4 August 1995

Fellow appointed by Senate for three years from 2 March 1998

Ms Valerie Pratt, AM

BA DipSocStud HonDLitt Macq
Fellow from 6 March 1995

Elected

Fellow elected by and from the members of the Legislative Council:

The Hon John Hatzistergos, MLC

BEC LLM
Fellow since 13 May 1999

Fellow elected by and from the members of the Legislative Assembly:

Mr Kevin Greene, MP

BEd ACU DipTeach Milperra CAE
Fellow since 3 June 1999

Fellows elected by and from the academic staff for two years from 1 December 1999:

Dr Gavan J Butler

MAgrSc Melb PhD Calif
Fellow from 1 December 1997

Ms Suzanne Jamieson

BA LLB UNSW GradDipPubSectMgt UTS LLM
Fellow from 1 December 1999

Professor Stephen R Leeder

BSc(Med) MBBS PhD, FRACP FFPHM FAFPHM
Fellow from 1 December 1995

Dr Kenneth K Macnab

BA NE DPhil Sus
Fellow from 29 May 1995

Fellow elected by and from the non-academic staff for two years from 1 December 1999:

Ms Jenny Beatson

DipClinBiochem NZ
Fellow from 1 December 1997

Fellows elected by and from the graduates of the University, to hold office for four years from 1 December 1997:

Mr Peter I Burrows

BEC, ASIA
Fellow from 1 December 1997

Dr Michael C Copeman

DPhil Oxf MBBS BA, FRACP
Fellow from 22 February 1996

Dr E Ann Eyland

PhD Aberd MSc
Fellow from 3 November 1994

Dr Robin B Fitzsimons

MBBS (Hons) BSc(Med) PhD, FRACP
Fellow from 1 December 1997

Fellows elected by and from persons enrolled as candidates proceeding to a degree or diploma in the University for one year from 1 December 1999 and one year from 1 December 2000:

Mr Andrew H Charlton

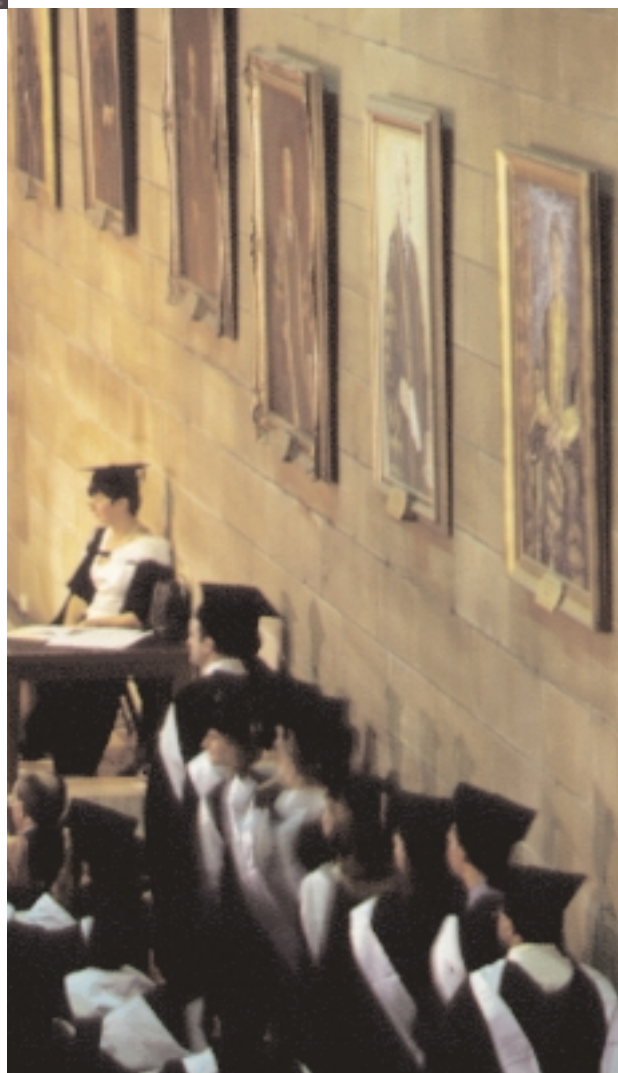
Fellow from 1 December 1999

Mr Tom Clark

BA
Fellow from 1 December 2000

Ms Larina A Frohlich

BSc MDesSc(Comp) GradDipEd
Fellow to 30 November 2000



Principal officers of the University

at 31 December 2000

Chancellor

Emeritus Professor Dame Leonie Judith Kramer

AC DBE, BA *Melb* DPhil *Oxf* HonDLitt *Tas* HonLLD *Melb* & ANU HonDLitt *Old* & UNSW DUniv GUPS *StPetersburg* MA(Hons), FACE FAHA



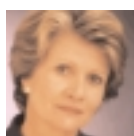
Dame Leonie Kramer has held the position of Chancellor of the University of Sydney since 1991. Prior to this she was Deputy Chancellor from 1989

to 1991, and a Fellow of Senate from 1969 to 1974. She held the University Chair of Australian Literature from 1968 to 1989.

Deputy Chancellor

Mrs Renata Ruzena Kaldor

BA DipEd *UNSW*



Mrs Kaldor has held the position of Deputy Chancellor of the University of Sydney since February 2000. Her interests involve business, education and community affairs. She is a director of a number of private companies.

During her career, she has been a director of the State Rail Authority, Chairperson of the NSW Women's Advisory Council, and a director of the Garvan Foundation. She is a director of the Sydney Symphony. Mrs Kaldor was appointed as a Fellow to the University Senate in 1989.

Vice-Chancellor

Professor Gavin Brown

MA *StAnd* PhD *Ncle(UK)* HonLLD *StAnd*, FAA



As Vice-Chancellor and Principal, Professor Brown is the University of Sydney's Chief Executive Officer. He came to the University in 1996

from the University of Adelaide, where he was Vice-Chancellor from 1994 and Deputy Vice Chancellor (Research) for two years before that. Prior to that, Professor Brown had been Dean of the Faculty of Science and Professor of Pure Mathematics at the University of NSW. Professor Brown completed his PhD in Mathematical Analysis as a Carnegie Scholar at the University of Newcastle-upon-Tyne and lectured at the University of Liverpool before moving to Australia in 1975. He was elected to the Australian Academy of Science in 1981. Professor Brown is currently chair of the Group of Eight, Australia's leading universities, and has been elected to the steering committee of the Association of Pacific Rim Universities.

Deputy Vice-Chancellor (Academic and International)

Professor Judith F Kinnear

MSc PhD *Melb* BEd *LaT* GradDipComputerSim *SwinburnEIT*, FLS



Before her appointment as Deputy Vice-Chancellor (Academic and International) in 1997, Professor Kinnear was Dean of the Faculty of Health

Sciences and Professor of Biological Sciences at the University of Sydney since 1991. Prior to that, she was Chairperson and Director of Studies in the Department of Biological Sciences at La Trobe University. Professor Kinnear is a member of the Board of Trustees of the Australian Museum. Her portfolio is responsible for international relations, research, teaching and learning, corporate strategies and the library.

Deputy Vice-Chancellor (Planning and Resources)

Professor Kenneth J Eltis

BA *NE* MA(Hons) PhD *Macq* DipEd *UNSW*, FACE



Professor Eltis became a Deputy Vice-Chancellor of the University of Sydney in 1996, following two years as Dean of the Faculty of Education. He now holds

responsibility for the University's budget, liaison with the Department of Education, Training and Youth Affairs, and institutional planning and the University's Capital Works Program. Professor Eltis has had extensive experience as a researcher and teacher in universities, as a consultant to the NSW Government on education, and has conducted educational consultancies in China, Hong Kong and Vietnam.

Pro-Vice-Chancellor of the College of Health Sciences

Professor John Atherton Young

AO, MD DSc *Old*, FAA FRACP

Professor Young was appointed Pro-Vice-Chancellor of the College of Health Sciences in 1997, following four years as Pro-Vice-Chancellor of the Health Sciences Academic Group.

He was Dean of the Faculty of Medicine from 1989 to 1997, and Professor of Physiology and Head of Department from 1976 to 1989. He is President of the Federation of Asian and Oceanian Physiological Societies and Secretary (Biological) and Vice-President of the Australian Academy of Science.

Pro-Vice-Chancellor of the College of Humanities and Social Sciences

Professor Ros Pesman

PhD *Lond* BA



Professor Pesman was appointed to this position in March 1999. She also holds a personal chair in History at the University of Sydney and has

previously held the positions of Head of the Department of History and Chair of the Academic Board.

Pro-Vice-Chancellor of the College of Sciences and Technology

Professor Don Napper

PhD *Camb* MSc, FAA FRACI CChem



Professor Napper became Pro-Vice-Chancellor of the College of Sciences and Technology in March 1997. A former Head of the School of Chemistry and a

Fellow of the Australian Academy of Science, Professor Napper has extensive experience in manufacturing industries in Australia and the UK and has served as a consultant to major companies such as Orica/Dulux. He is a member of the Advisory Council, Institute of Advanced Studies, ANU.

Pro-Vice-Chancellor (Employee Relations)

Professor Leslie Michael Koder

AM, BSc PhD *UNSW* MSc *Ncle(NSW)*



Professor Koder joined the University of Sydney in 1990 having been the Principal of Sydney College of Advanced Education. He was immediately

co-opted as the Counsellor on higher education to the National Board of Employment Education and Training and returned to the University in 1991 as Assistant Vice-Chancellor with responsibility for the establishment of a planning organisation and a model for the funding of academic organisational units. In 1995 his responsibility shifted to the coordination of admissions and enrolment and the development and organisation of the University Budget. At the beginning of 1998, Professor Koder was invited to assume responsibility for the newly created employment relations portfolio within the University.

Pro-Vice-Chancellor (Research)

Professor David Siddle

BA PhD *Old*, FASSA FAPsS MSPR



Professor Siddle took up the position of Pro-Vice-Chancellor (Research) in November 1997 after seven years at the University of Queensland,

where he was Dean of Postgraduate Studies from 1993. He is an experimental psychologist whose research has focussed on associative learning. He served on the Australian Research Council's Social Sciences and Humanities Panel from 1991 to 1994, chaired the panel in 1993 and 1994, and was Deputy Chair of the Research Grants Committee in 1994. Professor Siddle is responsible for the strategic development of the University's profile in research and research training, development OF interactions with industry and the commercialisation of the University's intellectual property. He is currently Chair of the Committee of Pro-Vice-Chancellors and Deputy Vice-Chancellors (Research).

Pro-Vice-Chancellor (Teaching and Learning)

Professor Paul Ramsden

BSc Lond MPhil CNAAPhD *Lanc*



Professor Ramsden became Pro-Vice-Chancellor (Teaching and Learning) in May 1999. He was previously Director of the Griffith Institute for Higher

Education and Professor of Higher Education at Griffith University. A graduate of Lancaster University's Department of Educational Research, he has contributed to fundamental research into teaching and learning in higher education and undertaken policy-related studies of university performance and academic leadership. He was formerly a member of the AVCC's Standing Committee on Education and Students. Professor Ramsden has responsibility for the strategic leadership of teaching and learning in the University, including quality assurance, monitoring educational effectiveness, teaching performance indicators and enhancing the student experience.

Assistant Pro-Vice-Chancellor (Information Technology)

Associate Professor Simon Carlile

BSc PhD



Associate Professor Carlile was appointed in May 1998 and is responsible for information technology. He completed his undergraduate and graduate degrees at the University of Sydney before moving to Oxford. In 1993 Professor Carlile rejoined the University in the Department of Physiology and was appointed Sub-Dean (Information Technology) in the Faculty of Medicine in 1996. He was involved in the implementation of the information technology components of the Graduate Medical Program and has a particular interest in the applications of information technology to teaching and learning.

Director, Financial Services

Mr Paul Slater

BEC, FCPA FCIS MAICD

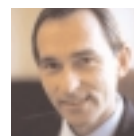


Mr Slater joined the University of Sydney as Deputy Principal of Financial Services in 1994 after working for more than 20 years in senior public sector accounting positions, including Chief Accountant, Internal Audit Manager and Group Finance Manager of State Rail. He is the Deputy Chair of the Boards of ANZU Mutual Association Ltd (Unimutual) and Unimutual Insurance (NZ) Ltd and also chairs their Finance Committees. He has served as a director of MCA Ltd, a member of the Finance Committee of the Australian Technology Park, a director and Treasurer of the University of Sydney Club Ltd and on the Board of Management of the Seymour Theatre Centre. Mr Slater also chairs the Public Sector Committee of the New South Wales Division of the CPA Australia and is a member of that organization's National Public Sector Committee.

Registrar

Dr William Adams

BSc LLB PhD *UNSW*



Dr Adams was appointed Registrar in 1998. Immediately before his appointment he was Director, Student Services at the University of Sydney, prior to which he held a number of academic and general staff appointments at the University of New South Wales. Dr Adams' principal responsibilities are in the areas of student recruitment, student administration, student welfare and University governance, as well as coordination of the University's admission and enrolment processes.

Chair of the Academic Board

Professor Lawrence Cram

BSc BE PhD, FAIP FRAS



Professor Cram was elected to the Chair of the Academic Board in April 1999. A former Head of the School of Physics and Acting Deputy Vice-Chancellor, Professor Cram maintains a strong interest in Astronomy and Astrophysics. His executive positions in Astronomy include Chair of the National Committee for Astronomy, Australian member of the International Gemini Board, and President of Division IV (stars) of the International Astronomical Union.



Academic and Administrative Structure

(as at 31 December 2000)

College of Health Sciences

Faculties:

- ▶ Dentistry
- ▶ Health Sciences
- ▶ Medicine
- ▶ Nursing
- ▶ Pharmacy

College of Humanities and Social Sciences

Faculties:

- ▶ Arts
- ▶ Economics and Business
- ▶ Education
- ▶ Law
- ▶ Sydney College of the Arts
- ▶ Sydney Conservatorium of Music

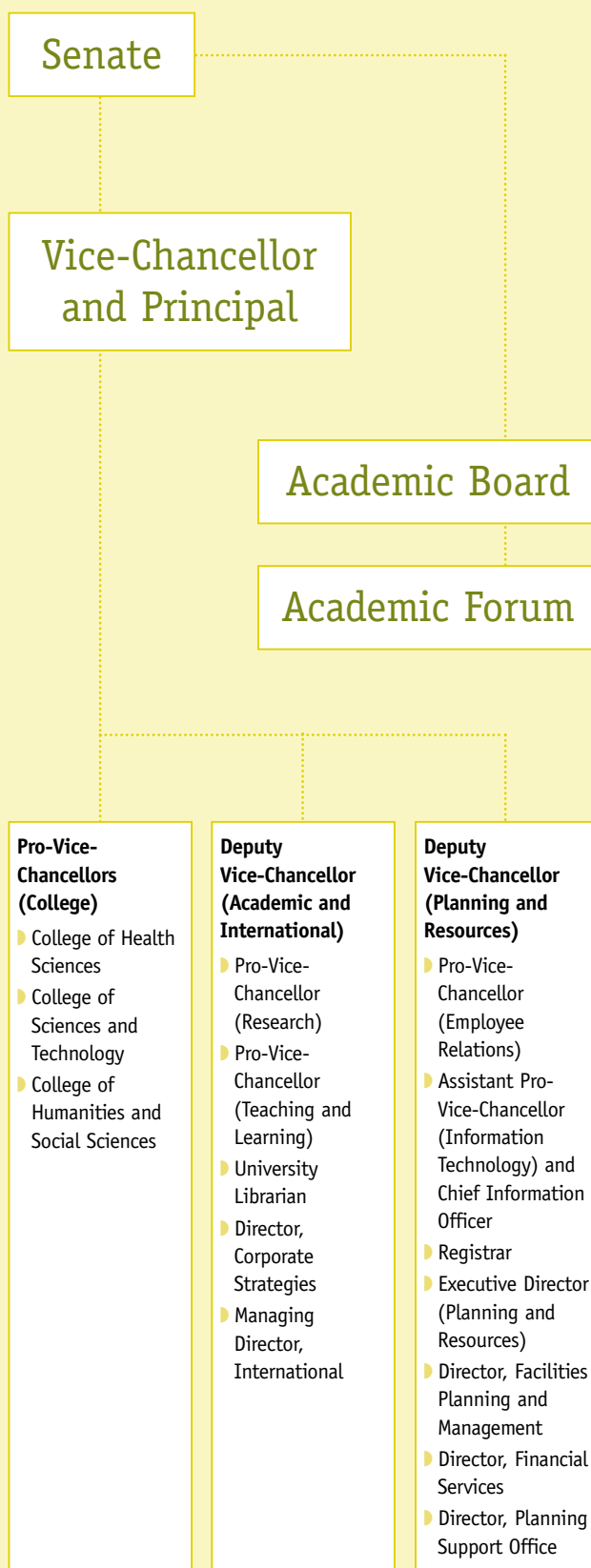
College of Sciences and Technology

Faculties:

- ▶ Agriculture
- ▶ Architecture
- ▶ Engineering
- ▶ Rural Management
- ▶ Science
- ▶ Veterinary Science

Jointly with the University of New South Wales

- ▶ Australian Graduate School of Management



Pro-Vice-Chancellors (College)

- ▶ College of Health Sciences
- ▶ College of Sciences and Technology
- ▶ College of Humanities and Social Sciences

Deputy Vice-Chancellor (Academic and International)

- ▶ Pro-Vice-Chancellor (Research)
- ▶ Pro-Vice-Chancellor (Teaching and Learning)
- ▶ University Librarian
- ▶ Director, Corporate Strategies
- ▶ Managing Director, International

Deputy Vice-Chancellor (Planning and Resources)

- ▶ Pro-Vice-Chancellor (Employee Relations)
- ▶ Assistant Pro-Vice-Chancellor (Information Technology) and Chief Information Officer
- ▶ Registrar
- ▶ Executive Director (Planning and Resources)
- ▶ Director, Facilities Planning and Management
- ▶ Director, Financial Services
- ▶ Director, Planning Support Office

Deans of faculties 2000

College of Health Sciences

Faculty of Dentistry

Professor Keith Lester

MDS PhD DDSc, FRACDS FICD

Faculty of Health Sciences

Professor Hal Kendig

AB *Calif(Davis)* MPL PhD *SCalif*, FASSA

Faculty of Medicine

Professor Stephen Ross Leeder

BSc(Med) MB BS PhD, FRACP FFPHM FAFPPHM

Faculty of Nursing

Professor Jocelyn Lawler, RN

CertOpThNursing BSocSc MEd *NE* PhD *UNSW* AssDipNEd *Armidale*
CAE FCN (NSW)

Faculty of Pharmacy

Professor S I Benrimoj

PhD BPharm *Bradford*, MPS FAIPM RPSGb

College of Humanities and Social Sciences

Faculty of Arts

Professor Bettina Cass AO

BA PhD *UNSW*, FASSA

Faculty of Economics and Business

Professor Peter Wolnizer

BEC *Tas* MEc PhD, FCA FCPA

Faculty of Education

Professor Geoffrey Sherington

MA *UNSW* PhD *McMaster* BA, FRAHS

Faculty of Law

Professor Jeremy Webber

BA *UBC* LLB BCL *McGill* LLM *York*

Sydney College of the Arts

Professor Richard Dunn (Director)

MA *RCA*

Sydney Conservatorium of Music

Professor Sharman Ellen Pretty (Principal)

BMus *Adel* Reifeprüfung *Freiburg-im-Breisgau*

College of Sciences and Technology

Faculty of Agriculture

Professor Lester W. Burgess

BScAgr PhD DipEd

Faculty of Architecture

Professor Gary T. Moore

BArch *Calif* MA *Clark* PhD *Clark*, FAPA

Faculty of Engineering

Professor Judy Raper

BE PhD *UNSW*, FIEAust FICHEM AusIMM CPEng

Faculty of Rural Management

Mr Ross Wilson

BAGec MEc GradDipTertEd *NE*, ASA

(Acting Dean from 2 January, 2000 to 1 May, 2001)

Faculty of Science

Professor Beryl Hesketh

BA *C'town* MA *Well* PhD *Massey*, FAPsS

Faculty of Veterinary Science

Professor Reuben J Rose

PhD DVSc DipVetAn, FRVCS FACBS MACVSc

Jointly with the University of New South Wales

Australian Graduate School of Management

Professor Greg Whittred

BCom *Old* MEc PhD *UNSW*

(Acting Director to 31 December 2000)

University Librarian

Mr John Shipp

BA DipEd *Macq* BA *W'gong*

DipArchiveAdmin *UNSW*, AALIA



Quality teaching and learning

The University of Sydney will maintain and enhance its position as an outstanding provider of high quality undergraduate and postgraduate teaching, both in Australia and internationally.

Goal One, The University of Sydney Strategic Plan 1999–2004

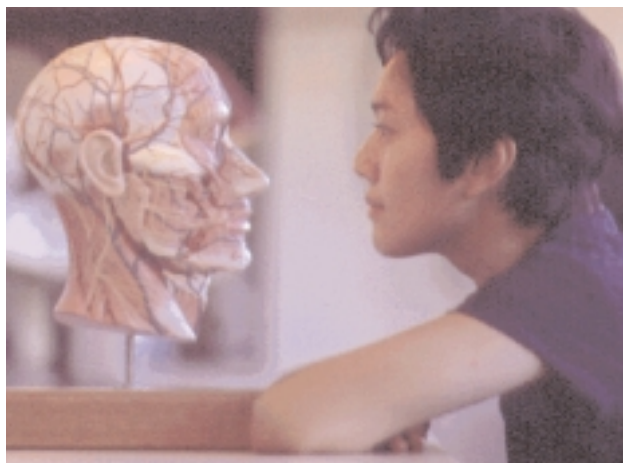
The year 2000 saw an emphasis on the importance of quality assurance in teaching, with a focus on the evaluation of teaching and learning in the University and a strengthening of policies and procedures to ensure the continued provision of excellent teaching.

Demand for places at the University was strong. Sydney attracted the largest share of applications for places from new students, with a 4.5 per cent increase in applications for all preferences compared to 1999. Sydney received 17.2 per cent of all first preferences and 16.7 per cent of all preferences in the state – well ahead of any other University. There was strong demand for places across all faculties, especially for combined degrees such as Arts/Commerce, Commerce/Liberal Studies, Science/Commerce and Engineering/Commerce. There was also keen competition for new degrees such as Media and Communication, Languages, Informatics, Nutrition and Marine Science.

The University expanded its scholarship program in 2000. Ten students received Distinguished Undergraduate Scholarships, and a further 24 received Undergraduate Scholarships. These scholarships were based on students' academic excellence and personal attributes such as creativity, leadership, self-motivation and communication skills.

In addition, a group of students received scholarships under a new category, the Sydney Scholarships, which were worth \$2,000 each and were awarded for one year on the basis of academic merit. Twenty of these scholarships were awarded to students in the College of Sciences and Technology and 25 to students in the College of Humanities and Social Sciences.

Other students benefited from faculty-based scholarships, sports scholarships, and exchange and travel scholarships. Special scholarships were also available to international and Indigenous students.



In other University initiatives:

- ▶ Fifteen thousand prospective students visited the University for Courses and Careers Day in August. A series of seminars for parents was included as part of the day's activities.
- ▶ The University's Marketing and Student Recruitment Unit surveyed incoming students about their experience as prospective students. The survey highlighted the important role of current students in the promotion of the University, the usefulness of information events such as Courses and Careers Day and Information Day and the importance of parents in the decision-making process. As a result, the University developed a student adviser program, launched a website and brochure which provide information to parents of prospective students, and improved services to prospective students during information events.
- ▶ The Sydney Welcome, Orientation and Transition (SWOT) Program ran for the first time. This program aims to improve the experience of first-year students, and includes faculty and department introductions, talks and workshops from the full range of student support services, as well as library tours and information sessions.
- ▶ Careers advisers from 210 schools attended a Careers Advisers and Teachers Day in March, where they received briefings on information relevant to school leavers.
- ▶ Under the direction of a joint steering committee, chaired by the Deputy Vice-Chancellor (Planning and Resources), Professor Ken Eltis, planning began for the development of a major Centre for Regional Education at the University's Orange campus. The result of a joint planning agreement between the NSW government, the Federal government and the University, the new facility will bring together the University, the TAFE sector, and possibly a senior high school.
- ▶ The Facilities Management Office commenced preparing its Facilities Strategic Plan which addresses the teaching needs of the University. The Plan identified teaching space as a major component of the University's facilities infrastructure and provided for its ongoing development.
- ▶ Building work proceeded on the Eastern Avenue Auditorium and Lecture Theatre Complex with completion due for the beginning of the 2001 academic year. Lecture theatres in the Carlaw Building were upgraded, and the PNR Lecture Theatres in the Faculty of Engineering were completed. Contract documentation for the new Economics Building was completed, and the Facilities Management Information System was upgraded to enable detailed planning and management of space, teaching space utilisation and bookings.

Information technology and teaching

The University chose the delivery platform WebCT to provide accessible and flexible online teaching and learning for students. A site licence for the software was obtained and the software installed, followed by training and support for staff wishing to use the new technology.

The development of online learning was further enhanced by the University's integration with the national Learning Resource Exchange (LRX), a consortium of 13 Australian universities. Through this consortium, which is hosted at the University of Sydney, academics will gain access to course building blocks from around Australia, enlarging the pool of resources available to staff.

Students continued to be given free access to an information technology package which allows them use of Computer Open Access Centres, internet access, use of software and their own portal, MyUni, through which they can access personal information such as exam timetables and results, course information, and personalised timetables and which gives them the ability to vary their enrolment.

The Library continued to implement its strategy which aims to provide University staff and students with Internet access to core information resources. Where available, networked versions of journals and other resources were acquired and the print editions cancelled. Subscriptions were acquired to two major search resources – *SciFinder Scholar* and *Web of Science*. The Library Online strategy enables more flexible approaches to learning and research because the resources are available independent of Library opening hours. The range of resources available is comparable with those available at other research universities.

Teaching awards

University of Sydney projects featured prominently among winners of the Federal government's prestigious Science Lectureships, an initiative to promote the study of science at universities. Sydney was one of only four universities to receive two grants for which they are the lead institution.

A \$1.28 million project, led by Associate Professor Tony Weiss, Director of the Molecular Biology and Biotechnology Laboratory, was funded to develop four new teaching programs in the area of molecular biotechnology, while a second project, led by Professor Marwan Jabri from the School of Electrical and Information Engineering, was awarded \$918,000 for an e-commerce project.

The Basser Department of Computer Science is working on a project led by Monash University which won \$3 million to develop a program designed to reduce the global shortage of workers with Internet skills. The Australian Photonics Cooperative Research Centre received funding for a project to develop and deliver higher education courses and strategies to attract students into photonics.

A revised teaching excellence awards scheme in 2000 focused on the University's strategic priorities, including research-led teaching and first-year teaching.

Winners of teaching excellence awards were: Ms Christine Crowe, from the Department of Social Work, Social Policy and Sociology; Ms Patty Kamvounias from the School of Business; Dr Catherine Dauvergne, Ms Jenni Millbank and Associate Professor Mark Findlay from the Faculty of Law; Mr Paul McHugh and Dr Lynne Bilston from the Faculty of Engineering; and the First-Year Biology Group of Dr Mary Peat, Dr Sue Franklin, Dr Charlotte Taylor, Dr Murray Thomson and Ms Alison Lewis.

On the Rhodes again

University of Sydney Science student Annaleise Grummitt won the Rhodes Scholarship for NSW, while Commerce/Law student Andrew Charlton won an Australia-at-Large Rhodes Scholarship.

All 11 candidates short-listed for the NSW Rhodes Scholarship this year were from the University of Sydney, and of the 55 Rhodes scholars drawn from NSW in the past 40 years, 45 have come from the University.

"I feel very honoured to be chosen, especially given the other talented applicants," said Annaleise, who plans to study for a PhD in Chemistry, researching new antibiotics for penicillin-resistant bacteria.

Annaleise, who has won dozens of scholarships and prizes, had a perfect academic record, scoring only high distinctions and topping the third year of her degree. She completed her Honours year in 2000, researching anti-cancer drugs derived from the frangipani family of plants.

A member of the University's Women's Rowing and Athletics Club and the Wesley College Women's Athletics and Rowing teams, Annaleise has also been involved in tutoring and organising an after-school learning centre for Aboriginal children in Redfern.

With an interest in the economics of international development, Andrew Charlton plans to use his Rhodes Scholarship to study for his doctorate in Economics.

An active debater, Andrew has also been the undergraduate student fellow on the University of Sydney Senate, vice-president of the University's Student Representative Council (SRC) and an editor of the student newspaper Honi Soit.

The Lions Clubs of Australia chose Andrew as the Lions Youth of the Year in 1996. His prize included a world trip, during which he worked as a volunteer in CARE Australia emergency aid fieldwork missions in Serbia and Yemen.

NSW Rhodes scholar Annaleise Grummitt



The Teaching and Learning division

The Teaching and Learning division, which includes the Institute for Teaching and Learning, the Summer School and the Koori Centre, was established in 1999 and is led by the Pro-Vice-Chancellor (Teaching and Learning), Professor Paul Ramsden. It encompasses responsibility for quality assurance and improvement processes, including performance indicators and strategic management of teaching and learning at undergraduate and postgraduate levels.

In 2000, the Teaching and Learning division, working with the Academic Board, faculties and the Planning Support Office, began introducing systems of quality assurance that aim to meet or exceed best practice standards in international research universities.

These systems include the development and publication of a series of performance indicators for undergraduate teaching, including student progress, retention and satisfaction measures at Faculty level; a mandatory annual survey of student course experience which began in 1999 and was extended to postgraduate students from 2000; and benchmarking of teaching and learning performance with other universities. Faculty teaching reports have been replaced with annually updated strategic and operational plans.

A new set of policies was developed for promotion of academic staff with specific reference to criteria and standards in teaching, along with a policy which requires training in university teaching as a condition of confirmation of appointment for all academic staff. A major project to strengthen links between research and undergraduate teaching was initiated.

This focus was rewarded with success in a number of external measures of teaching quality. The University received exceptionally high student scores in the pilot and preliminary stages of the national Graduate Skills Assessment test, compared with national averages, and Sydney showed consistent improvement in the Graduate Careers Council of Australia Course Evaluation Questionnaire survey results relative to other Group of Eight (Go8) leading Australian universities and Sydney metropolitan universities.

A new director, Associate Professor Michael Prosser, was appointed to the Institute for Teaching and Learning, which expanded its training programs and award courses in university teaching in 2000. The Institute was also involved with the Student Services group in developing the first stage of a major project to enhance the experience of undergraduate students in their first year at the University.



Right: The Faculty of Arts' Professor Dan Potts (right) and Dr Julian Pefanis (centre) advise a student at the University's 2000 Information Day in January.

The Summer School, now in its third year, offers intensive teaching and learning activities based on units of study within regular degree programs. In 2000, 1,250 students enrolled in the Summer School, up from 900 in 1999. Seventy-five units of study were offered across eight faculties, with most coming from Economics and Business, Science and Arts. Student satisfaction with their Summer School experience also increased. A new director, Dr Jim Sait, was appointed to the Summer School in 2000.

College and faculty achievements

College of Health Sciences

- ▶ The Faculty of Pharmacy was established and the final year of the four-year undergraduate degree course was delivered for the first time. A working party was established to investigate the feasibility of a Master of Pharmaceutical Sciences.
- ▶ The Faculty of Dentistry spent 2000 preparing intensively for the introduction in 2001 of Australia's first four-year graduate-entry dentistry program. The program harnesses educational innovation and reflects the significantly changing roles of dentists. The new curriculum relies heavily for the first two years on the University of Sydney Medical Program, using a modern problem-based learning approach incorporating information technology. The program will be unique among dental programs worldwide.
- ▶ The University of Sydney Medical Program was extended into its fourth and final year and teaching, assessment and evaluation activities conducted in the first three academic years of the program were consolidated.
- ▶ The Faculty of Medicine's Department of Medical Education won a contract with the Royal Australian College of Surgeons to deliver online surgical training to doctors in Australia and New Zealand.
- ▶ The Faculty of Nursing broadened its undergraduate offerings with a combined Nursing/Arts degree. A major review of the Faculty's pattern of graduate offerings was undertaken and an improved pattern is to be introduced in 2001.

Left: Students in the Faculty of Dentistry



- ▶ As part of its Teaching and Learning Development Plan, the Faculty of Health Sciences commenced a major program of undergraduate reform aimed at producing a more collaborative system of offerings and emphasising quality of academic programs. The Faculty introduced an innovative professional doctorate which attracted much interest. A Senior Lecturer in Distance and Flexible Education Support was appointed to support staff development and enhance skills in flexible teaching and learning.

College of Humanities and Social Sciences

- ▶ A number of new cross-faculty postgraduate coursework awards with vocational emphasis were developed, to be offered in 2001.
- ▶ The Faculty of Arts introduced Bachelor degrees in Arts (Languages), Social Sciences, Media and Communication and Informatics. Each of these programs has an internship component, an in-country study component, or a research project component.
- ▶ Major restructuring in the Faculty of Economics and Business (see Effective Management) has facilitated the continued development of faculty majors, adding to the growing appeal of undergraduate and postgraduate programs.
- ▶ As part of its restructure (see Effective Management), the Faculty of Arts conducted an audit of units of study. As a result of the audit, the number of units taught has been reduced substantially; overlap and duplication of units have been minimised and the process of inter-disciplinary cross listing of majors has been extended. This rationalisation will be sustained.
- ▶ The Faculty of Education introduced five-year combined degrees in association with the Faculties of Arts, Science and Economics. The demand for the Bachelor of Education/ Bachelor of Arts program was very strong and almost 20 per cent of students enrolling had UAIs over 90. The overall profile of the student intake into undergraduate degrees continued to improve with the number of students with a UAI over 95 doubling from 1999 to 2000.
- ▶ The UAI cut-off for Law courses increased in each of the last two years, to stand at 99.05 in 2000. The Faculty began to implement the recommendations of its 1999 audit of teaching, improving coordination and generalising best practice. The postgraduate program uses intensive units to incorporate international expertise, both by bringing experts to Sydney and by offering Law units overseas. IT platforms are under development for some units.
- ▶ A team of students from the Faculty of Law won the prestigious Australian finals of the Philip C Jessup International Law Moot Court competition, held in Canberra, while another team won the Australian Client Interviewing Competition. Both teams represented Australia in the international round of these competitions.
- ▶ The Sydney Conservatorium of Music conducted an academic review of its opera programs and undertook a pilot study to deliver music education programs to distant locations through video-conferencing technologies.



- ▶ Sydney College of the Arts began on-line learning for some elements in the Art History and Theory area. Demand for newly developed coursework programs continued and a Master of Contemporary Art for Educators was developed.

College of Sciences and Technology

- ▶ Two new degrees were successfully implemented in the Faculty of Agriculture – the Bachelor of Land and Water Science and Bachelor of Resource Economics. The new externally funded McCaughy Lectureship in Hydrology and Water Catchment Management was established.
- ▶ The Faculty of Veterinary Science introduced its new curriculum, which is more focussed on student-centred learning and will result in a lecture-free final year devoted to clinical practice. Twenty-one fourth and fifth year students took part in a leadership program supported with external funds.
- ▶ The Faculty of Architecture's UAI cut-off, once third of three in the city, is now the highest in the state. The Faculty developed a new Bachelor of Design (Architecture) program, replacing the old Bachelor of Science (Architecture). The new program is a knowledge-based, situated-learning program to be introduced progressively over the next three years. A new Bachelor of Design Computing degree will also be introduced over the next three years.
- ▶ The Faculty of Engineering extended its Advanced Engineering Program into third year, and refurbished lecture theatres with funding donated by alumni.
- ▶ The Faculty of Science planned to introduce new degree resolutions for the Bachelor of Science which will take effect in 2001, providing greater flexibility and the possibility of majors in 22 different areas of science.
- ▶ The Faculty of Science surveyed all graduates from the 1995 and 1999 cohorts to obtain information about the nature of their employment and their perceptions of their university education.
- ▶ Psychology lecturer Dr James Dalziel was selected as a finalist for the Prime Minister's Teaching Award.

See Supplementary section for information about: Undergraduate and postgraduate enrolments; destinations of first-degree graduates; mean UAIs for students entering the University in 2000; University medallists; and academic staff.

Diversity, access and equity

The University of Sydney will continue to provide access to tertiary study and appropriate support for students from a diversity of backgrounds.

Goal Two, the University of Sydney Strategic Plan 1999–2004

The University of Sydney is dedicated to providing an environment in which all current and potential students have the same opportunity to succeed, regardless of their background.

The student body in 2000 was a diverse one. Forty three per cent of the total enrolment was male and 57 per cent female. Of the local student body, 27.8 per cent of students were born overseas, and 22 per cent spoke a language other than English at home. Almost seven per cent came from a rural or isolated area, 502 identified as having a disability, and 291 as Aboriginal or Torres Strait Islander.

The University has a number of special admissions programs designed to assist prospective students from disadvantaged groups who are seeking entry to undergraduate programs.

These include a Special Admissions Scheme, which provides a means of undergraduate entry for mature-age students or those who have experienced educational disadvantage; the Cadigal Program, for Aboriginal and Torres Strait Islander students; and the Broadway Scheme, which provides places in highly competitive courses for HSC students who have experienced severe disadvantage during their final two years of high school. The Faculty of Health Sciences also offers a Multicultural Admissions program for HSC students who have appropriate language skills and an understanding of the needs of major community groups.



In 2000, 165 students enrolled through the Broadway Scheme, 101 of whom spoke a language other than English at home and 76 of whom were born overseas. Of a total 220 enrolments under the Mature Age Entry Scheme, Educational Disadvantage Access Scheme and Cadigal Program, 67 students were born overseas and 32 students spoke a language other than English at home. Of the students enrolled in the Combined Law program for 2000, 13 per cent were admitted under the Broadway Scheme.

The University Preparation Program, run by the Centre for Continuing Education, provides another avenue to tertiary study for mature-age prospective students. In 2000, 634 students enrolled in this program. The majority successfully completed the requirements and many progressed to undergraduate studies.

Both the University's Learning Centre and the Mathematics Learning Centre provide comprehensive academic support programs to address the development of students' general learning and communication skills, while the Counselling Service

also provides support through individual and group workshop programs.

In 2000 the Learning Centre ran 17 programs in 10 Faculties, 25 per cent of which were specifically for both local and international students of

non-English speaking backgrounds. Slightly under 34 per cent of students attending the Mathematics Learning Centre spoke a first language other than English.

Equity of access to computer technology in learning is provided through a network of Computer Access Centres for undergraduate and graduate students, and all members of the University are also provided with e-mail accounts through the USYDnet Intranet.

A number of building projects identified as priorities in the Disability Action Plan were funded in the Capital Development Program and construction commenced on these projects. Funding in future years will enable continued progress to be made on priority barrier removal projects.



The University also extends its access and equity concerns into the wider community. In 2000, the University was a sponsor of the Paralympic Arts Festival, which was held at the Seymour Theatre Centre (see Service to the Community), and hosted the two-day Veronica James Science Camp for Hearing-impaired Children, attended by more than 70 children aged between seven and 14 from across NSW. The camp was first established in 1985 by physicist Associate Professor Veronica James, and is now organised by Dr Elizabeth Benson, an immunopathologist in the University's Department of Medicine.

At least two separate groups of University staff and students, as well as many individuals, took part in the Reconciliation Walk over the Harbour Bridge in May.

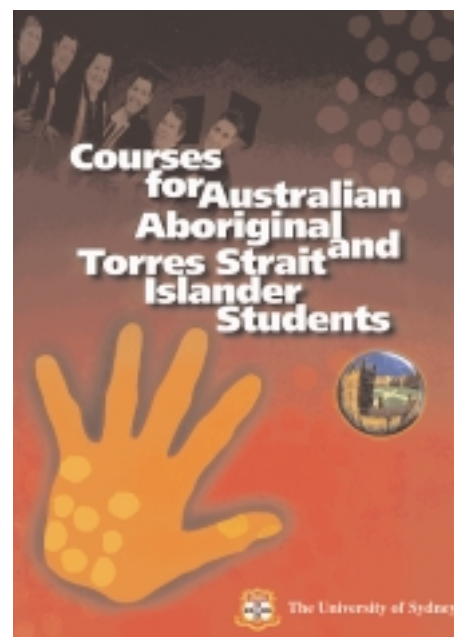
Indigenous education

Indigenous students enrolled at the University in 2000 were supported by the Koori Centre on the Camperdown Campus and Yooroang Garang on the Cumberland Campus.

The Colleges of Health Sciences, Humanities and Social Sciences, and Sciences and Technology joined forces with the Marketing and Student Recruitment Office, the Koori Centre and Yooroang Garang in 2000 to produce a 20-page booklet and a 17-minute video aimed at encouraging Indigenous students to study at Sydney. The booklet and video, which were launched during Aboriginal and Torres Strait Islander Week, were sent to 350 high schools around Australia.

The University provided scholarships for Indigenous students enrolled in all three Colleges. Ten scholarships were awarded in the College of Sciences and Technology in 2000, 11 in the College of Humanities and Social Sciences and 12 in the College of Health Sciences. An additional two College of Sciences and Technology Indigenous Australian Bursaries were awarded to students at the University's Orange campus. Other financial assistance was also available to Indigenous students in the form of bursaries and grants.

The College of Health Sciences, which has 196 of the University's Indigenous students, also spent \$60,000 on adapting teaching material to address Indigenous issues.



In 2000, the College received another \$240,000 from the University to support education for Indigenous students, and conducted its first Cultural Awareness Workshop on Indigenous Issues, attended by 40 academics and administrative staff.

This booklet and an accompanying video produced in 2000 aimed to encourage Indigenous students to study at Sydney.

The Koori Centre and the Research Institute for Humanities and Social Sciences organised a two-day forum entitled "Assimilation, Then and Now", which was held in late November. Aboriginal leader Mick Dodson presented a keynote address, and five Sydney academics spoke at the conference.

See Supplementary section for the University's cultural diversity report.



Diversity, access and equity

The University of Sydney will continue to provide access to tertiary study and appropriate support for students from a diversity of backgrounds.

Goal Two, the University of Sydney Strategic Plan 1999–2004

The University of Sydney is dedicated to providing an environment in which all current and potential students have the same opportunity to succeed, regardless of their background.

The student body in 2000 was a diverse one. Forty three per cent of the total enrolment was male and 57 per cent female. Of the local student body, 27.8 per cent of students were born overseas, and 22 per cent spoke a language other than English at home. Almost seven per cent came from a rural or isolated area, 502 identified as having a disability, and 291 as Aboriginal or Torres Strait Islander.

The University has a number of special admissions programs designed to assist prospective students from disadvantaged groups who are seeking entry to undergraduate programs.

These include a Special Admissions Scheme, which provides a means of undergraduate entry for mature-age students or those who have experienced educational disadvantage; the Cadigal Program, for Aboriginal and Torres Strait Islander students; and the Broadway Scheme, which provides places in highly competitive courses for HSC students who have experienced severe disadvantage during their final two years of high school. The Faculty of Health Sciences also offers a Multicultural Admissions program for HSC students who have appropriate language skills and an understanding of the needs of major community groups.



In 2000, 165 students enrolled through the Broadway Scheme, 101 of whom spoke a language other than English at home and 76 of whom were born overseas. Of a total 220 enrolments under the Mature Age Entry Scheme, Educational Disadvantage Access Scheme and Cadigal Program, 67 students were born overseas and 32 students spoke a language other than English at home. Of the students enrolled in the Combined Law program for 2000, 13 per cent were admitted under the Broadway Scheme.

The University Preparation Program, run by the Centre for Continuing Education, provides another avenue to tertiary study for mature-age prospective students. In 2000, 634 students enrolled in this program. The majority successfully completed the requirements and many progressed to undergraduate studies.

Both the University's Learning Centre and the Mathematics Learning Centre provide comprehensive academic support programs to address the development of students' general learning and communication skills, while the Counselling Service

also provides support through individual and group workshop programs.

In 2000 the Learning Centre ran 17 programs in 10 Faculties, 25 per cent of which were specifically for both local and international students of

non-English speaking backgrounds. Slightly under 34 per cent of students attending the Mathematics Learning Centre spoke a first language other than English.

Equity of access to computer technology in learning is provided through a network of Computer Access Centres for undergraduate and graduate students, and all members of the University are also provided with e-mail accounts through the USYDnet Intranet.

A number of building projects identified as priorities in the Disability Action Plan were funded in the Capital Development Program and construction commenced on these projects. Funding in future years will enable continued progress to be made on priority barrier removal projects.



The University also extends its access and equity concerns into the wider community. In 2000, the University was a sponsor of the Paralympic Arts Festival, which was held at the Seymour Theatre Centre (see Service to the Community), and hosted the two-day Veronica James Science Camp for Hearing-impaired Children, attended by more than 70 children aged between seven and 14 from across NSW. The camp was first established in 1985 by physicist Associate Professor Veronica James, and is now organised by Dr Elizabeth Benson, an immunopathologist in the University's Department of Medicine.

At least two separate groups of University staff and students, as well as many individuals, took part in the Reconciliation Walk over the Harbour Bridge in May.

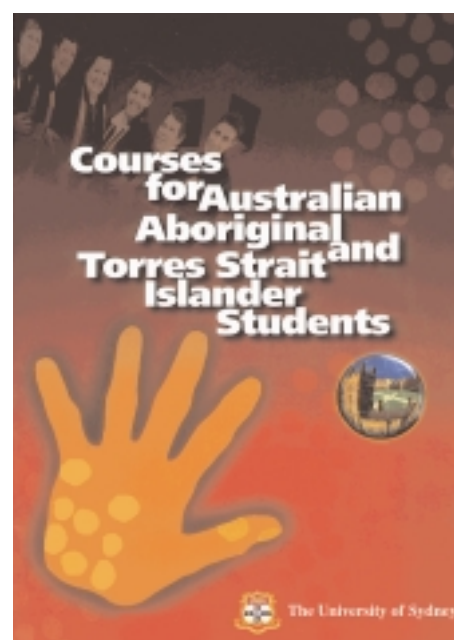
Indigenous education

Indigenous students enrolled at the University in 2000 were supported by the Koori Centre on the Camperdown Campus and Yooroang Garang on the Cumberland Campus.

The Colleges of Health Sciences, Humanities and Social Sciences, and Sciences and Technology joined forces with the Marketing and Student Recruitment Office, the Koori Centre and Yooroang Garang in 2000 to produce a 20-page booklet and a 17-minute video aimed at encouraging Indigenous students to study at Sydney. The booklet and video, which were launched during Aboriginal and Torres Strait Islander Week, were sent to 350 high schools around Australia.

The University provided scholarships for Indigenous students enrolled in all three Colleges. Ten scholarships were awarded in the College of Sciences and Technology in 2000, 11 in the College of Humanities and Social Sciences and 12 in the College of Health Sciences. An additional two College of Sciences and Technology Indigenous Australian Bursaries were awarded to students at the University's Orange campus. Other financial assistance was also available to Indigenous students in the form of bursaries and grants.

The College of Health Sciences, which has 196 of the University's Indigenous students, also spent \$60,000 on adapting teaching material to address Indigenous issues.



In 2000, the College received another \$240,000 from the University to support education for Indigenous students, and conducted its first Cultural Awareness Workshop on Indigenous Issues, attended by 40 academics and administrative staff.

This booklet and an accompanying video produced in 2000 aimed to encourage Indigenous students to study at Sydney.

The Koori Centre and the Research Institute for Humanities and Social Sciences organised a two-day forum entitled "Assimilation, Then and Now", which was held in late November. Aboriginal leader Mick Dodson presented a keynote address, and five Sydney academics spoke at the conference.

See Supplementary section for the University's cultural diversity report.



Excellence in research

The University of Sydney will develop its reputation as an institution where pure and applied research and research training relevant to the economic, social and cultural well-being of Australia and the region are conducted at nationally and internationally recognised standards.

The University of Sydney Strategic Plan 1999–2004

In a year in which the Federal government reviewed its position on innovation, research funding and research training, the University of Sydney consolidated its position as one of Australia's leading research-intensive universities.

As an overall measure of performance, the University's research quantum rose from \$20.9 million in 1999 to \$22.34 million in 2000.

The University won the lion's share of Australian Research Council (ARC) grants, securing \$13.62 million for new research in the round of grants announced in November, and secured 13 per cent of total research funding for project grants from the National Health and Medical Research Council (NHMRC), the second largest grant in the country.

The ARC results put Sydney well ahead of the University of Melbourne (\$9.3 million), the University of New South Wales (\$8.4 million) and the University of Queensland (\$7.2 million). Overall, Sydney won 14.45 per cent of new awards for 2001, ahead of Melbourne (9.96 per cent), UNSW (8.97 per cent) and Queensland (7.71 per cent).

Sydney performed outstandingly in new ARC research fellowships, which were announced at the same time. The University won 20 of the 100 awards – more than any other university including the traditional frontrunner, the Australian National University, which won 16.

The 20 awards comprise three Senior Research Fellowships, four Queen Elizabeth II Research Fellowships, three Australian Research Fellowships and 10 Australian Postdoctoral Fellowships. New fellows included Dr Thomas Madsen from Biological Sciences, Dr David Hibbs from Chemistry, Dr Brigid Rooney from English, Dr John Canning from the Optical Fibre Technology Centre, and Dr Sergey Vladimirov from Physics.

Sydney was also number one in ARC large grant funding (13.4 per cent), followed by UNSW (11.4 per cent) and Queensland (9.8 per cent). The University received 83 new large grants with a value of \$5.24 million. The College of Sciences and Technology was outstanding in its performance, receiving 61 grants worth \$4.07 million and funding for 17 Research Fellowships.

The largest ARC grant went to Professor Rick Shine and his team in the School of Biological Sciences, who received \$524,000 over three years to study cold-climate reptile reproduction.

Other large grant winners included:

- ▶ Dr Joel Mackay and Dr Merlin Crossley from Biochemistry (\$181,352 for research on protein interactions and gene expression);
- ▶ Dr Ben Oldroyd from Biological Sciences and Dr Mary Myerscough from Mathematics and Statistics (\$182,000 for research on genetic diversity in social insects);
- ▶ Professor Peter Swan from Business (\$257,676 for research on equity premiums);
- ▶ Dr Malcolm McLeod from Chemistry (\$173,000 for research on cytotoxic macrolide zampanolide);
- ▶ Associate Professor Ali Jaafari from Civil Engineering and Dr David Gunaratnam from Architecture (\$195,000 for the development of an intelligent project management information system);
- ▶ Associate Professor Rod Tiffen from Economics and Political Science and Dr Ki-Sung Kwak from Asian Studies (\$105,000 for research into the politics of new media policy in East Asia);
- ▶ Professor Allan Marrett from Music (\$244,150 for an ethnomusicological study of Lirrga, a genre of Aboriginal songs);
- ▶ Dr Stuart Jackson from the Optical Fibre Technology Centre (\$185,000 for research on mid-infrared fibre lasers); and
- ▶ Dr Peter Tuthill from Physics (\$194,000 for research on stardust).



Sydney performed outstandingly well in the ARC's Research Infrastructure, Equipment and Facilities program. The University was entrusted with the management of two major national endeavours – the International Gemini Partnership (\$1.6 million) and the Ocean Drilling Program (\$1.1 million). Other major items funded included:

- ▶ Networked, Scalable, Immersive Visualisation Nodes (\$550,000);
- ▶ Sydney Gene Analyser Facility (\$515,000);
- ▶ Integrated Dispersion Characterisation Facility (\$394,000); and
- ▶ NMR Spectroscopy Facilities (\$390,000).

Success in this program ensures the University maintains leading edge infrastructure that underpins first-class research.

The University received \$6.1 million from the NHMRC to fund 59 new projects and five new training fellowships. Sydney was also awarded 18 postgraduate scholarships, the highest number of any university.

Professor Roger Dampney, Head of the Department of Physiology, received a five-year grant for research into forebrain control of cardiovascular function. Major grants were also won by Dr Tailoi Chan-Ling from the Department of Anatomy and Histology for her detailed examination of the retina, and by Clinical Associate Professor Graeme Stewart of the Institute for Immunology and Allergy Research at Westmead Hospital, who is investigating the detection of susceptibility genes for multiple sclerosis.

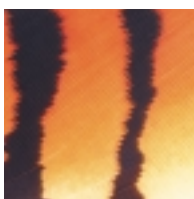
Several applicants received two grants. They include Professor Ron Skurray from the School of Biological Sciences, who is exploring molecular genetics and the evolution of antibiotic resistant staphylococci and other aspects of multidrug resistance, and Professor David Handelsman, Director of the ANZAC Institute of Health, who is investigating aspects of male reproductive health.

The University doubled its involvement in the past three years in cutting edge, collaborative research ventures with industry with the announcement of Federal government funding for Cooperative Research Centres (CRCs).

The grants, worth more than \$67 million over seven years, add five major research centres, bringing the total number of the University's core CRC partnerships to 13.

The new centres in which the University will be a key player are the CRC for Technology Enabled Capital Markets, granted \$14 million; the CRC for Construction Innovation, granted \$14 million; the CRC for Smart Internet Technology, granted \$22 million; and the CRC for Value Added Wheat, granted \$17.18 million. The University is also involved in a newly funded Australian Sheep Industry CRC.

Professor Rick Shine who, with his team from Biological Sciences, won an ARC grant worth \$524,000 over three years to study cold-climate reptile reproduction.



Support for research

In a new scheme announced in August, the University of Sydney marked its 150th anniversary by committing \$150 million for direct research support over the next ten years. The amount is expected to multiply through competitive grant success and additional partnerships and donations.

In launching the new scheme, the Vice-Chancellor confirmed the University's commitment to basic research and recognised the need to provide seed funds to attract external support. The program aims to build research infrastructure and has been designed to acknowledge the varied requirements of different disciplinary groups and to provide researchers with maximum flexibility.

Features of the new scheme include the following:

- ▶ **Postgraduate research students:** \$1 million will be available each year for postgraduate research students to attend conferences or visit specialist libraries and laboratories. A Dean of Graduate Studies will be appointed.
- ▶ **Postdoctoral fellows:** The University will appoint 12 postdoctoral fellows annually, selected on the basis of their track records and the research environment in which they will work within the University.
- ▶ **Research and Development scheme:** Each year, \$5 million of contestable funds will be made available for research and development projects that will be tailored to the needs of specific disciplines.
- ▶ **Centres:** the scheme will encourage investment with government and industry and continue to support ARC Special and Key Centres and Cooperative Research Centres.
- ▶ **New staff:** the University will make available funds to support the establishment of research by staff new to the institution, and will put in place special initiatives to support and encourage them.
- ▶ **Infrastructure:** \$4 million will be made available each year for the acquisition of major equipment. Support will also be provided for advanced computing and visualisation that is used by researchers in the humanities, economics, and physical, biological and biomedical sciences. The University will also explore the possibility of investing jointly with other research institutions in the purchase of major equipment.



The University completed a major survey in 2000 to identify areas of institutional research strength not already delineated through the award of externally funded centres and the associated peer review process. All of these areas are acknowledged internationally for their research strength, possess outstanding records in the generation of external income and have first-rate records of graduate supervision.

Twenty one areas of institutional research strength were identified: Marine and Ocean Research; the World of Work: Organisational, Legal, Industrial and Public Policy Issues; Pure Mathematics; Philosophy; Cancer; Environment and Ecological Sustainability; Cardiovascular and Respiratory Disease; Nation, Citizenship, Cultures: Australia and its Region; Public Health and Health Service Research; Early Modern and Modern European Literature, Art and Music; Information and Communication Technology; Cellular and Molecular Biology and Biotechnology; Microbiology, Infectious Diseases and Immunology; Astrophysics; Ageing, Health and Disability; Archaeology; Medieval Studies; Globalisation and its Challenges; Neuroscience; Advanced Materials; and Modelling Economic and Financial Behaviour.

Some of those areas will receive major funding in 2001.

Staff and students at the University can access the full text of articles in medical, science and technology journals via the Web, following the Library's decision to subscribe to two search engines which access these journals, Science Direct and Scifinder Scholar. Articles are available online as soon as they are published.

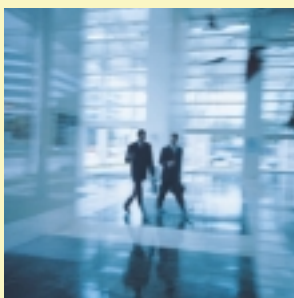
Economic excellence

A publication ranking the world's top academic economists showed the University of Sydney to have more living greats than any other university in the country.

*Mark Blaug's **Who's Who in Economics** identified 25 economists living in Australia who were most highly ranked by their peers in terms of citations in major economics and finance journals, based on the Social Sciences Citation Index. The largest group of six was from the University of Sydney. Melbourne University had four and the ANU three.*

Sydney's select six were Professor Elie Appelbaum, from the School of Economics and Political Science; Associate Professor Robert Bartels, head of the School of Business; Professor David Hensher, head of the Institute of Transport Studies; Professor Peter Swan, NAB Professor of Finance; Professor Alan Woodland from the Department of Econometrics; and Professor Simon Domberger, from the Australian Graduate School of Management. Professor Domberger died in May.

Blaug's biographical dictionary covers 1,600 major economists, both living and dead, from 1700 to 1996.



The Library's Sydney Electronic Text and Image Service (SETIS) continued to be a national leader in the digitisation of Australian literary works. During 2000, activities included the digitisation of the lectures of Professor John Anderson and work with the Australian Digital Thesis Project. Exploration of opportunities for original publishing continued and SETIS provided assistance to members of the University wishing to publish electronically.

A revised Outside Earnings Policy was approved by the Senior Executive Group in October and promulgated to staff in December.

College and faculty achievements

College of Health Sciences

- ▶ The Faculty of Medicine's Research Development Committee produced a report, entitled *Capitalising on Knowledge*, which estimated that \$500 million is needed from new, expanded and diversified sources over the next five to 10 years to fund a program of expansion and renewal in the Faculty. The report also recommended initiatives to build a culture of innovation, to increase investment in outstanding researchers, and to form new multi-disciplinary networks and partnerships.
- ▶ The biannual Medical Foundation and College of Health Sciences sponsored Research Conference fostered links and collaborations. Through the acquisition of professional marketing advice and the use of central University facilities such as the Business Liaison Office, the College began to investigate new ways to publicise and commercialise research.
- ▶ In comparison with the other five dental faculties in the Group of Eight Universities, Sydney's Faculty of Dentistry currently ranks first in terms of research completions. This improvement is due in particular to the strategic development of research in Oral Pathology and Oral Medicine, Jaw Function and Orofacial Pain and Biomaterials Science. Weighted publications for the Faculty have increased almost 100 per cent since 1997, and many of these papers have a high proportion of students as authors.
- ▶ A PhD Collaborative Scholarship Scheme was established in the Faculty of Dentistry to attract PhD students and to foster collaborations with other faculties, teaching hospitals and industry. A Grant-Writing Mentor Scheme was also introduced.
- ▶ Nursing academics submitted more grant applications than ever before, more staff were publishing and there was a growing research culture in the Faculty. New measures were put in place to support students, strategies to improve completion times were being developed, and measures were put in place to strengthen research supervision. A substantial number of students completed their PhD in 2000.
- ▶ The Faculty of Health Sciences received five new NHRMC grants and a number of ARC-funded grants, including the largest Strategic Partnerships with Industry – Research and Training (SPIRT) grant awarded in the University. Dr Richard Smith, from Exercise and Sport Science, and Associate Professor Glen Davis, from the Rehabilitation Research Centre, are two of the chief investigators in the project 'Walking for the Spinal-Cord Injured'. The Faculty also put in place a formal strategy to mentor developing researchers.

College of Humanities and Social Sciences

- ▶ The College Strategic Development Fund was used in part to develop research through strategies such as supporting research clusters and strengths, and funding the Research Institute of Humanities and Social Sciences and ARC Fellows.
- ▶ Plans were put in place in the Faculty of Arts to increase student load in higher degree research and improve higher degree completions. Planning was also underway within research clusters to include postgraduate training awards within ARC grant applications.
- ▶ The Faculty of Law appointed a Director of Research and a Research Support Officer, and grant applications and success rates subsequently increased.

To improve research support the Faculty:

- (a) developed research centres to emphasise expertise in particular areas and to serve as a focus for fundraising;
 - (b) secured the reinstatement of the Legal Scholarship Support Fund, which uses funds from the Public Purpose Trust to support legal research in faculties across NSW;
 - (c) raised funds to support conferences and other research activities, principally through the Julius Stone Institute campaign (approximately \$700,000 raised) and the Ross Parsons Lectureship in Taxation and Commercial Law (approximately \$135,000);
- ▶ Between 1999 and 2000, Law tripled the number of postgraduate research students benefiting from full financial support, and built upon previous reforms to supervisory practices, including annual reviews of all postgraduate research students, and the use of specialised units to support the development of students' research.

College of Sciences and Technology

- ▶ A new \$750,000 home for the Australian Centre for Field Robotics was opened, providing staff and students with the facilities they need to become world leaders in robotics research. Funding for the work was provided from the Year 2000 Capital Development Program.
- ▶ The Faculty of Architecture was organised into five clusters of internationally recognised research: Architecture, Architectural and Environmental Science, Design Science and Computing, Environment-Behaviour Studies, and Urban Planning and Policy. The Faculty, with the Faculty of Economics and Business and the Faculty of Health Sciences, won funding for an AHURI (Australian Housing and Urban Research Institute) Housing and Urban Research Centre. The AHURI Centre has its headquarters in Architecture, with five new research grants awarded to faculty researchers.
- ▶ The Faculty of Engineering concentrated its research into groups and centres, such as the Centre for Risk, Environment and Systems Technology Analysis, with a focus on attracting more funding from industry.
- ▶ The Faculty of Science began developing a Molecular Biotechnology and Bioinformatics research focus, and established a Centre for Wave Science in the Physics department.

- ▶ PROD, an Ocean Drilling Robot developed by Professor Peter Davies (Geology and Geophysics) and Professor John Carter (Civil Engineering), won two awards from the Institute of Engineers of NSW: the Bradford Prize and the International Award for Invention and Innovation.

See supplementary section for information about research centres; University chairs; awards to staff; departments of the University; University medallists; academic and general staff; and capital works.



Australia's first space telescope

*Studying the stars:
Dr Tim Bedding
(right) and Dr Tony
Monger*

University of Sydney scientists have been given the go-ahead to build Australia's first space telescope, which will provide them with vital information for calculating the exact age of the universe.

Drs Tim Bedding and Tony Monger, from the School of Physics, have been awarded \$600,000 in funding over three years from science councils in Denmark and Australia to design and build the telescope.

The Measuring Oscillations in Nearby Stars (MONS) telescope, measuring just 40cm across, will be launched in late 2003, attached to a Danish satellite on a Russian rocket.

Drs Bedding and Monger hope that data collected from the project will provide scientists with new information about the internal structure of stars which can be used to calculate their age.

"The telescope will collect light to measure tiny fluctuations in the brightness of stars caused by their oscillations or pulsations," Dr Bedding said.

The MONS telescope will look at the stars nearest to Earth, such as Alpha Centauri, the brighter of the two pointers to the Southern Cross, he said.

Dr Bedding and Dr Monger also have an ARC Strategic Partnerships with Industry for Research and Training (SPIRT) grant with industry partner, Canberra-based company AUSPACE, for research into low-cost space optics, worth \$300,000 over three years. The team will apply that technology to the telescope.

Mons project website: <http://astro.ifa.au.dk/MONS/english/>

Internationalisation

The University of Sydney will further enhance its position as a university of high standing in the international community of scholars.

Goal Four, The University of Sydney Strategic Plan 1999–2004

Overseas student enrolments at the University of Sydney rose by 22 per cent in 2000, representing a 60 per cent overall increase in the two years since 1998.

In first semester, 1,277 international students commenced studying in a full-degree program, compared to 1,052 in 1999 and 853 in 1998. A total of 3,192 international students were studying at the University in the second semester of 2000, and the semester two intake continued to grow significantly.

The University continued to draw students from all around the world, with the majority in 2000 coming from China, Singapore, Malaysia, Hong Kong, South Korea and Indonesia.

Under the Study Abroad Program, students, predominantly from the United States, study at Sydney for a semester as part of their degree. The number of students enrolled in the Study Abroad program increased by 35 per cent in 2000 to 427.

The University also encourages other exchange programs and is constantly seeking opportunities for overseas students to study at Sydney and for Sydney students to study overseas. The University has a total of 94 active student exchange agreements with universities in other countries, and in 2000 University-wide student exchange agreements were signed with the University of North Carolina, the University of Torino, the University of East Anglia, Nagoya University, the University of Auckland and the Université de la Sorbonne Nouvelle Paris III (see Supplementary section).

Incoming international exchange students in 2000 numbered 138, while 118 Sydney University students travelled overseas as part of the international exchange program. The co-tutelle program, where PhD students are supervised jointly by academics from the University of Sydney and a French university, also expanded, with students in French Studies, History, Engineering, and Mathematics.

International scholarship winners (from left) Stanley Hsien Ming Seah and Lawrence Chee Hou Wong, from Singapore, and Shuk Yin Chakmis Tong, from Hong Kong.



The University of Sydney Foundation Program is a joint venture arrangement between the University and Study Group Australia to provide university preparation courses for international students. The students, mostly from South-East Asia but also from much farther afield, study English, Australian Studies and a selection of courses depending on their area of academic interest. The subjects are taught and examined at Higher School Certificate level.

In 2000, the Foundation Program enrolled 325 students, up from 195 in 1999. Eighty per cent of these students are recommended for entry into the University of Sydney. Study Group Australia funded the construction of a four-storey purpose-built campus in Waterloo, to be occupied by the program in 2001.

International Merit Scholarships are awarded annually and provide payment of either full or half tuition fee costs to students already enrolled in a degree program at the University. In 2000, 52 awards were made to international students in 11 faculties.

Increasing the University's international profile

In June, the Vice-Chancellor, Professor Gavin Brown, attended a meeting of the Association of Pacific Rim Universities (APRU) in Vancouver on the theme of "Global Science and Technology for the 21st century". Professor Brown was elected to the Steering Committee of this prestigious group, which includes chief executive officers of the University of Southern California, Stanford, Berkeley, UCLA, Peking University, Seoul National University and Fudan University in China. The Vice-Chancellor also addressed the Canadian Prime Minister's Advisory Council on Science and Technology on Australia's investment in science and innovation infrastructure.

In July, the Vice-Chancellor represented both the University of Sydney and the Group of Eight (Go8) leading universities, of which he is the Chair, at a series of meetings in Georgetown and Washington. Major issues discussed were the future of the Australian Studies Program at Georgetown and the planning for the high-level Round Table on the future of South-East Asia, co-hosted in November by the Go8 and Georgetown University. The Vice-Chancellor held a series of important strategic meetings with senior representatives of the World Bank, the International Monetary Fund, and a number of international diplomats.

The University was well represented during the Australia Week celebrations for the Centenary of Federation in London which coincided with a major alumni function at Saint Bartholomew's Great Hall, London. Prime Minister John Howard was guest speaker, and the large crowd included former Prime Ministers John Gorton and Bob Hawke and other government officials.

In 2000, as the world looked to Sydney during the Olympic Games, the University was visited by such eminent international figures as former South African president and Nobel Laureate Nelson Mandela; East Timor freedom fighter Xanana Gusmao; International Olympic Committee president Juan Antonio Samaranch and vice-chairman Dick Pound, who is also Chancellor of McGill University in Canada; the British Lord Chancellor, Lord Irvine of Lairg; Her Royal Highness Princess Chulabhorn of Thailand; environmental campaigner David Suzuki; and filmmaker David Puttnam. The University also received delegations from as far afield as Great Britain, Vietnam, Sweden, Korea, the United States, Italy, Japan, and South Africa.

Two particularly important visits were from China. The first was by the Chairman of the Tsinghua University Council, Professor He Meiyang, who is one of the most respected academics in China. Her delegation met with senior academic staff to discuss ongoing collaboration between the two universities. The second was from the Chinese Academic Degrees Committee, which is responsible for the approval of all foreign joint degree programs in China.

Relations between the University and China's prestigious Peking University were strengthened by an agreement to collaborate on an exciting new scholarship program. John Leighton Stuart Scholarships, made possible by a generous donation in Sydney, will be open to graduates of Peking University who wish to undertake postgraduate study at the University of Sydney before returning to China with skills to contribute to the country's development.

Special graduation ceremonies were held in 2000 to provide students based in Hong Kong and Singapore with the opportunity to graduate in the company of their family and friends.

Over 100 graduands, many of whom had studied in the Australian Graduate School of Management and the Faculty of Economics and Business, were awarded degrees and diplomas at a ceremony held in Hong Kong in July. There was also a significant contingent receiving the Graduate Diploma of Museum Studies as a result of a unique program taught locally in Hong Kong and drawing students from the staff of major museums in Hong Kong and Macau. The speaker at the ceremony was Dr Huang Chen Ya, prominent Hong Kong neurologist and University of Sydney alumnus.

Approximately 45 graduands from a range of faculties were awarded degrees and diplomas at the Singapore ceremony in November. Dr Daisaku Ikeda, President of Soka Gakkai International, was awarded an honorary degree of Doctor of Letters and presented the occasional address at the ceremony.

Academic initiatives

Short professional training courses, tailor-made for groups from overseas with special interests in areas such as the Australian justice system and management, gave the University an opportunity to expand its visibility in the global education market. The Faculty of Law, the Centre for Continuing Education and the Research Institute for Asia and the Pacific (RIAP), were particularly active in this area.

All faculties in the College of Health Sciences undertook short-course specialist training for international professionals, with particular emphasis on practical and clinical experience. Hanoi Medical University, for instance, trained its public health specialists in teaching and practical components through the University's Faculty of Medicine.



From AIDS to agriculture: graduates help overseas

Youth ambassadors (from left)

*Catherine Chang,
Fiona Benyon,
Christina Parasyn
and Polly Purser.*

At 15, Fiona Benyon knew her ambition was to work in agricultural development. She made the decision during a trip to Kenya with her father, an entomologist who was studying pyrethrum daisy plantations.

Fifteen years later, in 2000, Dr Benyon travelled to Vietnam to spend a year helping farmers diagnose and control disease in their crops. Her "opportunity of a lifetime" came about through the Australian Youth Ambassadors for Development program, run by the Department of Foreign Affairs.

Dr Benyon was one of four recent University of Sydney graduates chosen for the program in 2000. All four left Australia to work on their projects in April.

Catherine Chang spent four months helping to draft proposals for the Philippine Government's anti-trafficking bill for women and children. She worked as a senior researcher and legislation analyst at the Kanlungan Women's Advocacy Centre.

Polly Purser spent three months in Thailand, helping staff at a non-government organisation generate strategies for the care and support of HIV-positive sex workers. And Christina Parasyn worked as a community mental health occupational therapist in Suva. Her posting was interrupted by the coup.

Sydney academic translates Nobel prize novel

When the 2000 Nobel Prize for Literature was awarded to Chinese author Gao Xingjian, the University of Sydney's Mabel Lee could not have been more excited.

Associate Professor Lee, an honorary associate in the School of European, Asian and Middle Eastern Languages and Studies, had translated Gao's latest novel, Soul Mountain, into English.

She learned of the award within minutes of its announcement when the BBC rang her in Sydney. "They decided to call back to give me a chance to calm down for the interview," Professor Lee said.

The Nobel Prize citation particularly singled out Soul Mountain among Gao's works, saying: "His great novel Soul Mountain is one of those singular literary creations that seem impossible to compare with anything but themselves."

Professor Lee met Gao in 1990 in Paris, where he had settled after leaving China in 1987.

It took her eight years to translate the 560-page novel in her spare time.

"I liked the sort of things that he was trying to explore in the novel and I was captivated by the language: it was sparse and minimalist," she said. "It was poetry in prose."

She is now translating Gao's second novel, One Man's Bible.

Associate Professor Mabel Lee (below)



In all faculties of the University, academics took leadership roles in projects with colleagues overseas, with governments and with other organisations. In the Faculty of Medicine, for instance, Professor Trevor Parmenter was President of the International Association for the Scientific Study of Intellectual Disabilities, Professor David Handelsman was Secretary of the International Society of Andrology, and Professor John Turtle was Honorary President of the International Diabetes Federation, while Dr Peter Ellis worked with the International War Crimes Tribunal in Kosovo.

In February, RIAP staged a major conference on media and democratisation in the Asia-Pacific region which drew high-profile speakers including the Foreign Affairs Minister, Alexander Downer; Vice-President of the National Council of Timorese Resistance, Dr Jose Ramos-Horta; the World Bank's Deputy Vice-President for East Asia and the Pacific, Julian Schweitzer; NSW Premier Bob Carr; and leading journalists from the region.

Part of RIAP's mandate is to provide opportunities and support for University staff to participate in international projects and develop skills required for them to be internationally competitive. The Institute's move from the city to offices on campus in May enabled it to begin developing closer links with the University.

University of Sydney academics rallied in 2000 to help in East Timor, particularly with rebuilding the shattered University of East Timor in Dili, which was razed in 1999 in the outbreak of militia violence after the independence vote.

To help the massive rebuilding task, the University of Sydney Senate agreed in August that staff should be encouraged to offer assistance to East Timor. An East Timor Interest Group, convened by RIAP director, Dr Stephanie Fahey, was established. RIAP pursued an initiative to develop a research institute in East Timor in collaboration with East Timorese scholars, and won an AusAID contract to help East Timorese officials to upgrade their environmental protection skills.

Academics Dr Aileen McAuliffe, from the Faculty of Nursing, and Mr John Grootjans, of the Yooroang Garang School of Indigenous Health Studies, received grants for a project to write a "Train-the-Trainer" manual for village nurses and health care workers in East Timor. They hope to implement the program in 2001.

The International division

In April, the International Office and International Student Services Unit moved into newly renovated premises in the University's Services Building, located at the corner of Codrington and Abercrombie Streets on the Darlington Campus. The move improved access to the Office's services and enhanced the profile of the University's international activities. The renovations were funded from the University's Capital Development Program.

The University's network of overseas representatives was expanded, with a resultant increase of nine per cent in the number of students applying through an external representative. By the end of 2000, the University had established contracts with external representatives in 45 countries.

Staff members of the University attended 44 promotional or recruitment events in 18 countries, with multiple visits to target countries. New markets in South America and Scandinavia for both award programs and study abroad were explored.

College and faculty achievements

College of Health Sciences

- ▶ To reflect the growing demand for specialist and boutique courses, the College introduced a number of new fee-paying courses and increased the number of distance education offerings for international students, particularly through the Faculty of Health Sciences.
- ▶ The College took major relationship-building initiatives in Asia, Canada and Scandinavia, culminating in the signing of memoranda of understanding with Dresden University and the University of Oslo.
- ▶ The Faculty of Medicine's Northern Clinical School cemented its relationship with Hanoi Medical University and with hospitals in Hanoi, Danang and Hue in Vietnam. Throughout 1999 and 2000, more than 20 medical students from the University of Sydney worked in these hospitals, while senior and junior clinicians from Vietnam visited the School at Royal North Shore Hospital. Links were also established through research projects and with postgraduate students in Public Health. This association was actively facilitated by the Australian Ambassador to Vietnam, Michael Mann.
- ▶ University Mobility in Asia and the Pacific (UMAP) grants were won for orthoptics and prosthodontics projects based in Thailand.
- ▶ The Faculty of Health Sciences and the Faculty of Nursing continued to collaborate closely in the joint programs they provide at the Singapore Institute of Management. A new three-year agreement between the University of Sydney and the Singapore Institute of Management commenced on 1 July 2000.
- ▶ The Institute for International Health held a seminar on epidemiology in developing countries for the AusAID Advisory Group on International Health. The Institute also began a major study of risk factors for heart disease and stroke in China and Thailand, in collaboration with the University of Tulane, in the US. The study will involve about 15,000 people in China and 5,000 in Thailand.
- ▶ Many researchers in the College won major research grants from overseas funding agencies. The Neuropathology Unit, for example, was awarded a \$1.2 million grant by the US National Institute of Health's National Institute of Alcohol Abuse and Alcoholism to fund the Tissue Resource Centre.



College of Humanities and Social Sciences

- ▶ The College continued to co-ordinate and fund Faculty projects for internationalisation and recruitment of international students. The Faculty of Arts and Sydney College of the Arts drew many students from South Korea, which was a major College area of focus in 2000.
- ▶ The Cassamarca Foundation of Italy funded two new three-year lectureships in Italian Studies.
- ▶ The Faculty of Law increased its recruitment of international postgraduate students and extended its offshore Master's program in Jena, Germany.
- ▶ Sydney College of the Arts increased its international market share by introducing new courses, raising the faculty's profile through the SCA Gallery program, and fostering new ties with international cultural bodies and institutions. The Media Arts Group is engaged in developing a research exchange program with Malmo Media Arts Studios, Malmo University, Sweden.

College of Sciences and Technology

- ▶ The number of commencing international students in the College of Sciences and Technology increased by 27 per cent in 2000, and the number of Study Abroad students increased by 38 per cent. These increased enrolments further broadened the College's funding base.
- ▶ The Faculty of Agriculture was awarded five grants by AusAID through the Vietnam-Capacity Building for Agriculture and Rural Development Program (CARD). These grants foster new research initiatives and enhance training and curriculum development. Agricultural Economics was awarded three grants totalling \$1.2 million to work in Vietnam, Fiji and China.
- ▶ The Faculty of Science emphasised the establishment and development of links with top Asian universities. Senior academics visited the National University of Singapore, Hong Kong Polytechnic, City University of Hong Kong, Peking University, Tsinghua, Shanghai Jiao Tong and ShenZen Universities.

See Supplementary section for information about international memoranda of understanding and exchange agreements and awards to staff.



Engaging with industry and the professions

The University of Sydney will continue to make a significant contribution to the well-being and enhancement of the wide range of occupations with which it engages.

Goal Five, The University of Sydney Strategic Plan 1999–2004

The strength of the University's relationships with business and industry was demonstrated in the latest round of Business/Higher Education Round Table (BHERT) awards, announced in November, when the University of Sydney won more awards than any other Australian university.

Six of the 13 BHERT awards went to collaborative projects in which the University was a partner.

The award for "outstanding achievement in collaborative research and development involving a Cooperative Research Centre" was won by Photonics Research at the Australian Photonics Cooperative Research Centre, based at the University.

Much of the CRC's exploration into the capacity of optical fibres to transmit large volumes of information is being carried out by researchers in the College of Sciences and Technology at the Australian Technology Park, and in the Schools of Physics and Electrical Engineering.

Ten companies have been established based on the centre's research in the past five years, five of which are involved in collaborative research and development with the centre to support continuing innovation for growing global markets.

The spin-off companies include JDS Uniphase, formerly Indx, which has grown from a staff of six in 1997 to more than 250, and Redfern Photonics, an incubator company for the Redfern group of manufacturing companies.

Redfern Broadband networks recently attracted \$US21.5 million from American investors and \$6.5 million from Australian investors, which will reinforce and continue development of the company's RBN GigaWave™ photonic wavelength management system for ultrabroadband metropolitan area networks.

Another BHERT award-winning collaborative project was the Bionavigator System for Bioinformatics, developed with eBioinformatics and the University's Australian Genomic Information Centre which runs the Australian National Genomic Information Service.

Collaborative work with Novogen Ltd (Professor Alan Husband, Veterinary Science) and Patrick Stevedore Holdings (Professor Hugh Durrant-Whyte, Australian Centre for Field Robotics) also received BHERT awards. The University received an honourable mention in the category of "outstanding achievement in collaboration in education and training" for its Microscopes on the Move program, and as part of a winning submission on courses developed by the Cotton CRC.

Under the Strategic Partnerships with Industry for Research and Training (SPIRT) Scheme, the Australian Research Council matches the cash and in-kind contributions provided by industry partners. Grants go to three areas – projects; Australian Post-doctoral Fellowships Industry (APDI); and Australian Postgraduate Awards Industry (APDI).

In the latest round of funding for these grants, announced in November, Sydney received nine out of 27 APDI awards in 2000, more than any other university, and was third in industry-linked grants, with nine per cent of funding for 2001, following UNSW (11 per cent) and Melbourne (10 per cent). Sydney received 31 new grants totalling \$1.94 million.



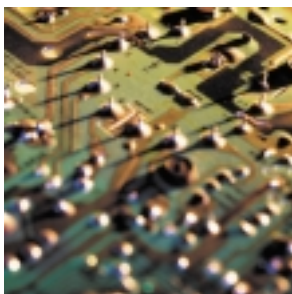
Among the SPIRT grant winners were Professor Tony Larkum, Anya Salih and Dr Guy Cox, who won \$156,236 for research into fluorescent corals on the Great Barrier Reef with industry partners the Great Barrier Reef Marine Park Authority and the Undersea Explorer, a marine tourism, education and research company; Professor David Feng, from Computer Science, who received \$335,860 for research into a web-based multimedia tele-medicine system with industry partner Royal Prince Alfred Hospital; Dr Alan Meats, from the Fruit Fly Research Centre, who received \$285,015 for research into eradicating fruit flies with industry partners NSW Agriculture, the Victorian Department of Natural Resources and Environment, Primary Industries and Resources SA, and Riverina Citrus; Professor Richard Vann from the Faculty of Law, who won \$150,000 for research into the quality of business tax reform with industry partner the Taxation Institute of Australia; and Professor Stephen Garton and Fiona Cameron, from History, who won \$161,766 for research into the role of museums in contemporary Australian society with industry partners the Australian Museum and the Australian War Memorial.

The Business Liaison Office is responsible for protection and management of the University's intellectual property in addition to facilitating collaborative and contract research, consulting, joint ventures and start-up company formation. It administers industry collaborative grants programs such as the ARC Linkage and the Cooperative Research Centre (CRC) program. The Office provides services through staff with commercial and technical expertise specialising in areas such as intellectual property management, licensing, contract development and negotiation and new venture creation.

In 2000:

- ▶ contracts settled through the BLO were valued at more than \$35 million;
- ▶ invention disclosures were assessed for 70 new inventions from University staff and new patent applications were filed for 24 of these;
- ▶ 25 applications for Plant Breeder's Rights and four trademark registrations were submitted;
- ▶ more than 650 contracts were settled through the BLO for research, consulting, licensing, joint ventures and related matters; and
- ▶ a number of new companies were established to commercialise University technology, bringing the total number of spin-off companies in which the University holds equity or rights to equity to about 15.

Commercialisation opportunities were promoted through the Website and through three international exhibitions.



Internet whiz kids look forward to global expansion

Three entrepreneurs from the University of Sydney who built up a successful Internet company in their spare time triumphed in the world's leading e-commerce competition in Silicon Valley, California, in July.

Sydney Worldwide, which operates the website sydneyontheweb.com, won \$150,000 in the Stanford Global Challenge in competition against 19 new companies from around the world.

Sydney Worldwide was set up by international students Ajmal Saifudeen, who came from India to study for a Master's degree in Information Technology, Cyrus Shey, a business commerce undergraduate from the United States, and marketing lecturer Victor Leung.

The website provides a guide to where to stay, where to eat and what to do in Sydney, with innovative features such as a 360-degree webcam on the Harbour Bridge and an interactive restaurant guide.

For the first six months the team operated the business from Victor's office in the University. But after winning the Vice-Chancellors' Prize for New Business Creation in 1999, they were able to move into premises at the Australian Technology Park, with seed money to start the enterprise.

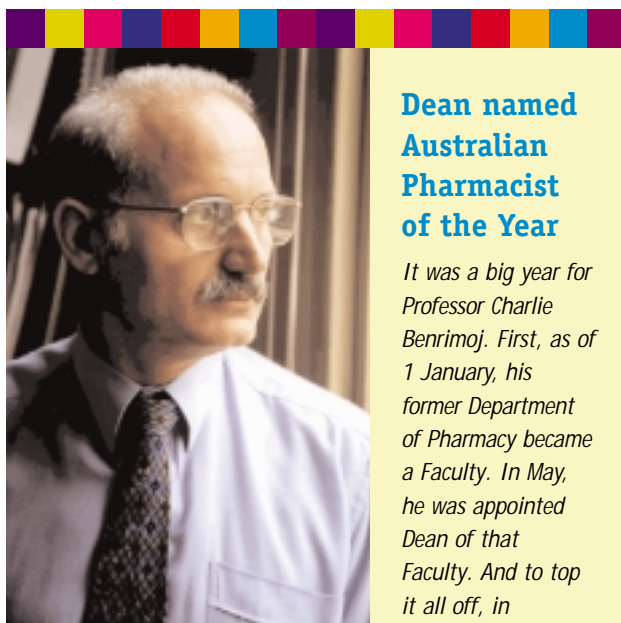
Photo: Sydney Worldwide directors Victor Leung (left), Ajmal Saifudeen (centre) and Cyrus Shey.

Support for industry and the professions

In September, the University announced a major information technology initiative which will inject almost \$1 million a year into computer sciences over the next three years to tackle the growing shortage of skilled IT workers in NSW.

The money will pay for extra lecturing staff, upgrading of computer laboratories and new programs including a Master of Information Technology.

Funding is being provided by the Vice-Chancellor's Strategic Development Fund, the College of Sciences and Technology and the Faculty of Science. The Strategic Development Fund is derived from a levy on fee income and is used by the Vice-Chancellor to support areas of academic development across the University that are considered crucial for the future.



Dean named Australian Pharmacist of the Year

It was a big year for Professor Charlie Benrimoj. First, as of 1 January, his former Department of Pharmacy became a Faculty. In May, he was appointed Dean of that Faculty. And to top it all off, in November, he was named Australian Pharmacist of the Year for 2000 by the Pharmaceutical Society of Australia.

This last honour, though, is met with mixed emotions.

"Our research shows that if pharmacists' involvement with customers and patients extends beyond product supply there will be improved health outcomes and reduced health costs."

Professor Charlie Benrimoj (above)

Professor Benrimoj is happy about the recognition, of course. But he's slightly uncomfortable knowing that his research into pharmacy practice, once seen as "totally left field", is now accepted as mainstream.

Professor Benrimoj and his colleagues' research into cognitive pharmaceutical services has changed the face of pharmacy practice around Australia.

"When we started this research in the 1980s the profession thought it unrealistic. Then, about five years ago, they started realising that the models of practice were conceptually sound and practically oriented. Last year the Faculty's pharmacy practice research group received \$1.3 million for research from government and the profession."

The number of local full-time computer science undergraduates at the University has risen from 520 in 1999 to 720 in 2000. This figure could climb to almost 1,000 over the next three years.

In addition, an Institute of Information Technology and the Knowledge Economy was established in 2000 to provide a high profile interface between the University and the information technology and telecommunications industry and professions. Participating industry partners include CISCO, Optus and LRX (a consortium of 13 Australian Universities established to develop a national on-line curriculum resource database). The Institute obtained a \$360,000 contribution from CISCO to support the co-development of an Internet Engineering course, and is currently managing the design and implementation of an internet-style network between the universities in the Sydney basin and other important cultural sites such as museums.

The Careers Panorama, organised in April by the Careers Centre, drew the largest number of employers in the University's history with more than 60 organisations taking part. Representatives from banks, accounting firms, manufacturers, government organisations, professional associations and information technology and telecommunications companies made contact with 2,800 potential employees.

Also in April, the Careers Centre organised a Law Showcase where 25 employers of legal graduates had the opportunity to meet law students. The showcase enables law students to find out about summer clerkship and graduate legal opportunities. In addition, as part of the Campus Interview Program, company representatives visited the Careers Centre between April and June to interview final-year students for graduate positions.

Sydney academics were active in professional bodies. Professor of Cancer Services, Bruce Barraclough, was President of the Royal Australasian College of Surgeons; Professor Ian Fraser was President of the Royal Australian and New Zealand College of Obstetricians and Gynaecologists; Professor Geoff Farrell was President of the Gastroenterology Society of Australia; Dr Martin Stockler was chair of the NSW Cooperative Oncology Group; and Dr Simon Willcock, from the General Practice Unit, was chairman of the Postgraduate Medical Council of NSW.

College and faculty achievements

College of Health Sciences

- Virtual patient diagnosis and discussions between specialists became possible with the establishment of a new audiovisual information technology network linking the University with all of its teaching hospitals. The \$1.4 million network is a joint venture between the University and the NSW Health Department's four Area Health Services in Sydney, as well as information technology providers, hospitals, doctors, students and lecturers. The network provides telephone, video and data telecommunication links between the sites, allowing doctors at almost any hospital to link in with health expertise at the University and in major teaching hospitals.

- ▶ The Faculty of Nursing's new Professor of Nursing (Rural and Remote), Dirk Keyzer, who was appointed in February, aims to lobby for new legislation for rural nurses and encourage them to make contact with other healthcare groups in their communities. His post is a three-way collaboration between the University's Department of Rural Health, the Faculty of Nursing and the NSW Government's Far West Health Authority.
- ▶ The Faculty of Pharmacy's refurbished building was officially opened in March. The refurbishment, which cost \$2.1 million, was funded jointly by the University, the Pharmacy Alumni Association and the Pharmacy Practice Foundation. Speaking at the opening, the Vice-Chancellor, Professor Gavin Brown, said the work was a testimony to the close link between the Faculty and the pharmacy profession.

College of Humanities and Social Sciences

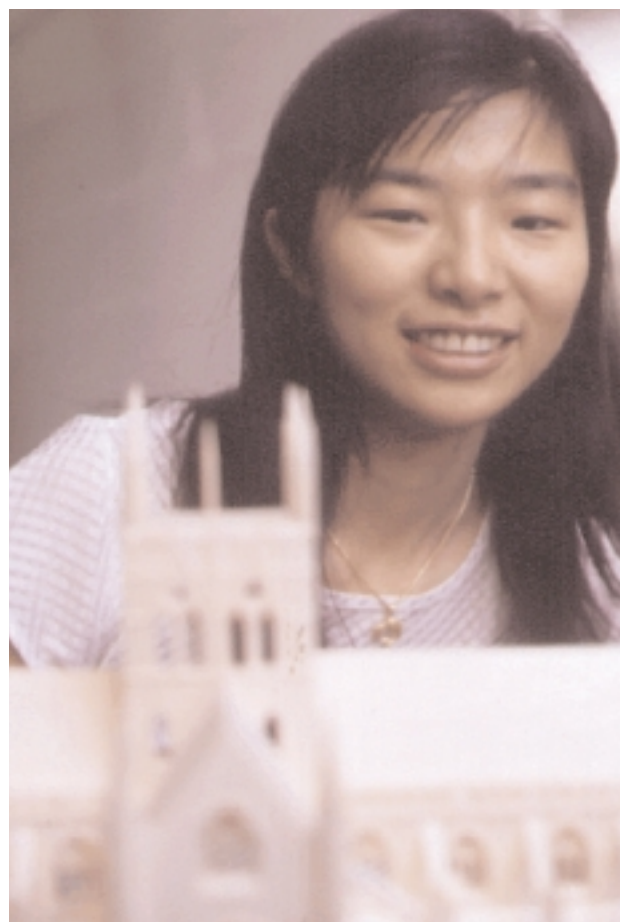
- ▶ Accounting firm Arthur Andersen forged links with the Faculty of Law to give its employees training in tax law. The Arthur Andersen Tax Masters Training Program, planned for 2001 and 2002, will allow the company's employees to undertake postgraduate training in-house.
- ▶ The Faculty of Education played a major role in assisting the Ramsey Review of Teacher Education in NSW. About 70 teacher educators, teachers and government and community representatives attended a symposium, "Repositioning Teacher Education", organised by the Faculty. A second public forum, sponsored by the Faculty and the Australian Curriculum Studies Association, attracted over 120 people. The Dean, Professor Geoffrey Sherington, made recommendations to the Review on discussions arising from the symposium.
- ▶ In a move to strengthen links between the Sydney Conservatorium of Music and Opera Australia, a fractional appointment saw Sharolyn Kimmorley, Director of Music Administration of Opera Australia, commence in February as Chair of the Opera Studies Unit at the Conservatorium.
- ▶ Staff from Sydney College of the Arts' Object Art and Design Group were commissioned by BHP to design awards for various organisations in recognition of their outstanding contribution to the environment and to the community.

College of Sciences and Technology

- ▶ A \$30,000 donation by the Sony Foundation created two new scholarships for students of the Faculty of Architecture Graduate Audio and Digital Media programs.
- ▶ The Faculty of Architecture established a very successful Alumni Association. Many members of staff serve on state, national and international professional associations and advisory bodies. Several well-attended lecture, seminar and short course series, including the annual Wilkinson Lectures, regularly bring the profession to the Faculty.

- ▶ The Faculty of Science's effort to encourage increased industry contact began to take effect, particularly in Physics, Chemistry, Computer Science and Psychology. Computer Science worked closely with industry contacts in their successful bid to establish a Cooperative Research Centre for the Smart Internet, and received funding for Chairs from CICSO, Bankers Trust and Sybase. Biochemistry has lodged several new patents and continues its strong relationship with the pharmaceutical industry.
- ▶ Fifty-seven gifted students from across NSW attended the Compuware Computer Science School at the University in January. The students, mostly from Year 11, were selected on the basis of academic merit, computing skills and community involvement. This was the fifth computing summer school run by the University of Sydney and the first of three to be sponsored by Compuware.
- ▶ Two hundred and fifty third-year Computer Science students were also offered "real world experiences" through a new partnership between the University of Sydney and management and IT consultants Andersen Consulting. Two new course units for final year students were taught for the first time in 2000 by associate partners and managers from Andersen Consulting. They cover Project Management Practice and Organisational Database Systems.

See Supplementary section for information about: Undergraduate and postgraduate enrolments; destinations of first-degree graduates; research centres; departments of the University; honorary degrees; academic and general staff.



Effective management

The University of Sydney will improve its position as an efficient, effective and responsible institution, striving to meet the needs of students and staff, and committed to quality in all aspects of its operations.

Goal Six, The University of Sydney Strategic Plan 1999–2004

In 1999 the University published a second Strategic Plan with goals and objectives for the period up to 2004. This plan addresses new strategic priorities and assists in the re-evaluation of annual performance against agreed goals, forming a valuable part of the University's accountability processes.

The Plan was complemented by further plans at college, faculty and department levels, and within administration portfolios, which translate these goals and objectives into detailed operational strategies.

Colleges and administration portfolios reported their performance against their strategic plans by January 2000 and indicated priorities for 2000.

Detailed University-wide plans have been developed in the areas of information technology, research management, teaching and learning, internationalisation, and capital development.

The Planning and Resources Portfolio held a two-day strategic planning meeting in March to give managers a broad view of the external and internal contexts in which the University was operating. The meeting was addressed by portfolio members, University staff outside the portfolio, and external visitors including the headmistress of Abbotsleigh, Mrs Judith Wheeldon, and Ms Lyndsay Connors from the NSW Department of Education and Training's Higher Education Directorate. The meeting looked at possible strategic initiatives in response to the higher education environment, and examined ways in which the *Benchmarking in Universities* manual could be used within the Portfolio to demonstrate quality performance and identify areas for improvement.

The new Faculty of Rural Management began operation at the University's Orange Campus, formerly known as Orange Agricultural College, on 1 January. The faculty identified three priorities: to form a research institute with a national focus on rural affairs; to continue as the leading provider of rural management courses in Australia; and to open the campus to community initiatives with other providers (see Quality Teaching). The Federal Member for Calare, Mr Peter Andren, officially launched the Campus in April.

The new Director of Corporate Strategies, Mary Henning, took up her position in August, and this enabled an evaluation of the appropriate role and function of the Corporate Strategies Division. A Director of Development and External Affairs was also appointed (see Service to the Community).

The Eastern Avenue Auditorium and Lecture Theatre Complex under construction.

A new Dean and Director of the Australian Graduate School of Management, Professor Michael Vitale, was appointed in September, to take up the position in January, 2001, and in November, Professor Les Copeland was appointed Dean of the Faculty of Agriculture, also taking up the position in January 2001.

After a period of uncertainty, the immediate future of the Museum of Contemporary Art (MCA) was resolved following the signing of an agreement between the University of Sydney, the City of Sydney, and the MCA.

The three parties announced in August that agreement had been reached to pursue a proposal from the City of Sydney to revitalise and expand the MCA. Three separate Memoranda of Understanding were signed between the City, the University of Sydney, the MCA and the NSW government. The MCA remains a controlled entity of the University until the final agreements are negotiated over the next year.

Restructuring

A number of areas of the University were restructured in 2000.

The Faculty of Arts completed extensive restructuring, creating four schools and implementing a more efficient general staff profile. A general staff voluntary redundancy scheme was introduced and a more effective team-based general staff structure was put in place. The Faculty also established a voluntary early retirement scheme for academic staff aged 55 and above. The final date for retirement of staff is 30 March 2001.



The Faculty of Economics and Business was also restructured from nine departments into two schools – Business, and Economics and Political Science – each with five disciplines. This move radically reduced the number of administrative and budget units in a bid for greater efficiency, tighter budget control and more academic time for teaching and research. The Faculty also undertook a series of internal and external reviews of IT infrastructure and service arrangements with a view to establishing a faculty-wide integrated IT operation.

Following a review of funding arrangements, the Faculty of Medicine adopted a school structure for administrative and financial purposes while preserving the continuing role of departments. The schools are headed by Associate Deans who, with the Dean and Pro-Dean, form a Medicine Management Advisory Committee. A new Budget Advisory Committee has also been formed.

In December, Senate approved the restructure of the Faculty of Veterinary Science, which will adopt a single department model from January 2001.

As a consequence of the agreed consolidation of the Faculty of Nursing on one site, the Mallett Street Campus, there was no intake into the Faculty of Nursing at the Cumberland Campus in 2000. Other aspects of restructuring include the amalgamation of workshops within the Faculty of Science and the exploration of central provision of major equipment.

Over five months, the Library reviewed more than 250 positions in a process which included extensive staff involvement and consultation. Implementation of the recommendations will be considered in 2001.

Employee relations

Following the successful resolution of enterprise bargaining agreements for academic and general staff in 1999, a comprehensive Enterprise Bargaining Agreement (EBA) implementation scheme was developed. All personnel policies were audited, a database was developed and the major project of implementing the EBA commenced.

Also during 2000:

- ▶ staff workload taskforces were established and draft submissions were prepared;
- ▶ a flexible remuneration packaging scheme was developed and implemented;
- ▶ a streamlined policy was developed for the recruitment and selection of general staff;
- ▶ a policy was developed on internet advertising of positions to allow wider and more immediate access to advertisements and to streamline the advertising process;
- ▶ processes were developed for a performance management and development scheme, training and information material was developed and a pilot study of the scheme was conducted and evaluated;
- ▶ flexible and innovative working arrangements were introduced for general staff during the Olympics, enabling them to accrue an Olympic Hours Debt which could be cleared by working additional hours or converted to annual leave.

Equity and diversity

During 2000, staff from the Equal Employment Opportunity Unit continued to:

- ▶ provide expert legal and policy advice;
- ▶ provide equal employment opportunity and affirmative action policy development, promotion and training for staff and students; and
- ▶ monitor and report to external bodies on the University's progress in the equal opportunity arena.



In January, the new Director of Equal Employment Opportunity, Sarah Heesom, took up her appointment, and the University engaged an independent consultant, the Anti-Discrimination Board of New South Wales, to review existing policies and procedures relating to harassment. The Board reported its recommendations for a new harassment prevention policy and resolution procedure to the Vice-Chancellor in June.

The EEO Unit established a Harassment Review Implementation Taskforce, comprising representatives of students and staff, to manage implementation of the recommendations and monitor the Unit's work in this area.

The new Harassment Prevention Policy, Discrimination Prevention Policy (developed by the EEO Unit under the auspices of the taskforce) and the Harassment and Discrimination Resolution Procedure received the support of all key stakeholders, and became operational in 2001.

Maintenance and development

The University's Capital Development Program is the responsibility of the Facilities Management Office in the Planning and Resources portfolio. Major building projects completed in 2000 included the construction of the Eastern Avenue Auditorium and Lecture Theatre Complex and completion of the Power Library of Fine Arts.

Refurbishments were completed in the Merewether, Pharmacy and Services Buildings and the MacIntosh Dissection Rooms in the Anderson Stuart Building.

Planning began for the construction of a new building for the Faculty of Economics and Business, and campus grounds were improved through reconstruction of Butlin Avenue and upgrading of the Manning Road Precinct in conjunction with the re-development of Manning House. Both these projects resulted in significant improvements to access and safety.

A complete list of projects is included in the Supplementary section of this report.

In other developments:

- ▶ additional parking capacity was made available on campus;
- ▶ strategic planning began for projects including the development of the Institute Building as a venue to house the University's art and museum collections; the Darlington Centre, a new staff dining facility and conference venue; and the installation of computer networking capability in all lecture theatres;
- ▶ accommodation studies were carried out for Architecture, Arts and Psychology;
- ▶ a campus master plan was prepared for the Orange Campus; and
- ▶ management models were developed for the operation of the Conservatorium of Music in its new premises.

Environment and heritage

Maintenance of the University's key heritage building, the Quadrangle, was a focus of capital work in 2000. A major project to repair deteriorating stonework on the Clocktower will reduce the need to carry out work in this area for a further 25 years. Stormwater and sewerage separation works were completed in the Quadrangle, drainage was improved and upgraded paving laid to eliminate rising damp problems (see Highlights of 2000, pages 2 and 3).

The FMO gave environment and heritage issues priority through the allocation of this responsibility to a single assistant director. A Grounds Conservation Plan was commenced to identify significant heritage features and to develop management policies for University grounds infrastructure. The University's Heritage Register was completed and statutory requirements required by the Heritage Act were fulfilled.

An innovative Utilities Information System was completed which allows continuous monitoring and reporting of energy usage in all of the University's buildings. This information will be accessible via the internet to all building occupants to assist in monitoring and reducing energy usage.

Work continued on the Clocktower during 2000.



Management systems and information technology

The University has three main computer-based management systems: the PeopleSoft Financial System and Human Resources Management System, and the student information system, FlexSIS.

During 2000, the Financial Services Division began upgrading the PeopleSoft Financial System to version 7.5, while an infrastructure liaison committee and a change control board were established to ensure effective coordination of infrastructure support and maintenance for the PeopleSoft Human Resources Management System.

A group was established in the Student Centre to provide training and support for users of FlexSIS and to liaise with the FlexSIS IT team. The Summer School was integrated into FlexSIS, which now provides students with the ability to pre-enrol, vary their enrolment and receive their exam results through their MyUni portal.

The portal, launched in 1999, had 23,000 registered users by the end of 2000. Two new centres in Law and Dentistry expanded the Computer Access Centre program and work was in progress to replace old computers in the centres.

The IT backbone network at the University was upgraded using so-called best-of-breed technology, resulting in a communications infrastructure that is among the best in the country. The majority of computers on campus have very fast connections to the University intranet, which is itself now capable of carrying video and audio as well as data traffic.

A Federation of IT Providers was established and technical projects were initiated to better coordinate IT infrastructure management and support across the University.

The University moved to a University-wide site licence for Microsoft client software which will produce significant savings and standardise the range of software across the institution, simplifying support and training requirements.

A survey of the IT needs and skills of all incoming undergraduate students and more than 800 academics involved in first-year teaching activities was completed in 2000.

University solicitor

Demand for in-house legal and policy services increased by 40 per cent in 2000. The impact of new and draft legislation, such as the Goods and Services Tax legislation, the Public Authorities (Financial Arrangements) Amendment Act 2000, and the draft Disability Standards in Education under the Disability Discrimination Act 1992, as well as increasing reliance on commercial transactions as a source of income, increased both the volume and the complexity of transactions handled.

In addition, the University Solicitor's Office was involved in the development or review of a number of University policies or rules, including:

- ▶ the intellectual property rule;
- ▶ academic governance rules; and
- ▶ a privacy management plan and code of practice.

Best practice record keeping

The University Archives and the Central Records Office were amalgamated into one unit, called Archives and Records Management Services (ARMS), which was officially launched in November.

The new unit, which is a part of the Secretariat and Corporate Information Unit, provides a comprehensive and integrated record-keeping service to the University. The Office also began to implement electronic document management using the new industry-standard TRIM software.

The ARMS web site, at www.usyd.edu.au/arms/, provides information on archives, records, Freedom of Information and Privacy policies in the University, as well as a regular bulletin of record management news and information.

Guarantee of service and handling of complaints

The Academic Board's resolutions explicitly oblige the University and its officers to ensure fairness and consistency in assessment, and require that procedures are monitored to ensure that the principles are being properly applied. The Board monitors compliance through annual reviews of faculty education provision and has other procedures that govern appeals by students against academic decisions.

Postgraduate students are provided with copies of either the *Postgraduate Research Studies Handbook* or the *Postgraduate Coursework Studies Handbook* as appropriate. These handbooks detail relevant codes of practice, including the code of practice for supervision of postgraduate research students and the code of practice for coursework masters degree, graduate diploma and graduate certificate candidatures.

These Codes are also published on the University's website.

A review commenced in 1999 of existing codes relating to responsible practice in research and dealing with problems of research misconduct. Revised codes have been drafted for approval by the appropriate bodies in 2001.

Appeals are dealt with under Senate resolutions relating to student appeals against academic decisions and Academic Board principles; procedures for student appeals against academic decisions for undergraduate and postgraduate course awards; and principals and procedures for student appeals against academic decisions for postgraduate research awards. Information on these matters is published in the postgraduate student handbooks cited above, in the University's *Calendar*, and on its website.

The University conducts student evaluations of courses and units of study, the results of which are monitored and used to improve the educational experience of students. Surveys of students also investigate their satisfaction with services and administration. All areas of administration are involved in monitoring performance to deliver quality services.

Online facility allows a quick change of course

More than 1,000 students went online before second semester 2000 to make changes to their enrolment using revolutionary new software being pioneered by the University of Sydney.

Students were given the opportunity of logging into a secure student channel on MyUni to vary their own enrolment, by adding, withdrawing or re-enrolling in a unit of study.

The University of Sydney was one of only three Australian sites using the new software, which allows online interrogation and amendment of a database over the Web. The other Australian users were in the finance industry.

"While other universities do allow students the facility of enrolling over the Web, they are really only capturing data for later batch mode processes. At the University of Sydney, enrolment variations are instantaneous," Assistant Pro-Vice-Chancellor (Information Technology) Associate Professor Simon Carlile said.

Business rules built into FlexSIS ensure changes effected by students comply with the appropriate prerequisites, corequisites and course rules set out in faculty handbooks. Security also takes account of the various HECS dates.

Changes made by the students to their enrolment are confirmed in writing and it is this confirmation that the University will regard as official.



The University has an agreed methodology for resolving complaints. Any complaints received relating to service are passed to the appropriate manager, who gives assistance calculated to maintain the high standards of service expected by students and required by the University.

A University Reporting Strategy was approved by the University's Corruption Prevention Committee in July 2000 and promulgated to staff in September 2000. Minor changes were made to the University's Code of Conduct in October to reflect the provisions of this reporting strategy and the University's new administrative structure. The Code is available on the University's website at <http://www.usyd.edu.au/audit/policy/policy.shtml>, along with the University's policies on corruption prevention and reporting corruption, maladministration or serious and substantial waste of public money.



College and faculty achievements

Strategic planning began for the installation of computer networking capability in all lecture theatres.

College of Health Sciences

- Following a Senate decision in 1999, Pharmacy also began operating as a Faculty from 1 January, and a new Dean, Professor Charlie Benrimoj, was appointed in May. Professor Benrimoj had been head of the Department of Pharmacy since 1996.
- The Faculty of Health Sciences implemented a revised Academic Governance model, designed to better facilitate intra-Faculty communication liaison and interaction between the Faculty and the rest of the University.

College of Humanities and Social Sciences

- The College established a review of the Sydney College of Arts. The review committee commented favourably on the quality of the students, the curricula and teaching. It recognised problems flowing from the decline in public funding, increased student numbers and resource limitations, and made recommendations for enhancing performance in research, for more effective management structures and for income generation.
- The Faculty of Law carried out a major review of its administration during 2000, and both the Faculty of Education and the Sydney College of the Arts began reviewing their administrative structures.
- A management steering committee for the new Conservatorium of Music building, comprising stakeholder representatives including the University and the State Government, met regularly throughout the year.

College of Sciences and Technology

- The Faculty of Science initiated a three-year strategic budgeting requirement for all its schools and departments, and introduced accountabilities for Associate Deans responsible for teaching and learning, research, marketing, international, undergraduate and postgraduate matters.
- The Faculty of Veterinary Science conducted a full review of its financial management processes to ensure sound budgeting and more effective monitoring of income and expenditure. The Faculty's clinics underwent intensive management restructuring and a Clinics Board, involving veterinarians and people in business, was formed to provide input to financial planning. The clinics have both implemented a computerised management reporting system.

See Supplementary section for information about: undergraduate and postgraduate enrolments; academic and general staff; research centres; departments of the University; Senate committees and attendance; capital works; Freedom of Information and Privacy legislation; risk management; and publications about the University.

Service to the community

By providing knowledge, opportunity and encouragement, the University of Sydney will maintain and enhance its position as a leading contributor to the opinions and ideas, cultures and lifestyles of the many communities it serves, locally, nationally and internationally.

Goal Seven, The University of Sydney Strategic Plan 1999–2004

The year 2000 marked 150 years since the Act of Incorporation which established the University of Sydney.

In addition to major sesquicentenary projects supporting research and teaching, the University organised a number of external events to allow its many communities to join in the anniversary celebrations. In June, the University appointed a new Director of Development and External Affairs, Jennifer Doubell, who included in her portfolio carriage of the University's sesquicentenary activities.

The Vice-Chancellor sent e-mails to 140 of the world's leading universities on 1 October, alerting them to the significance of the date in the history of the University and referring readers to a special Web presentation. In addition, letters and sesquicentenary medals were sent to universities with a particularly close association with Sydney. The University subsequently received congratulatory responses from institutions all around the world.

The Vice-Chancellor's Sesquicentenary Distinguished Lecture Series brought to the University the British Lord Chancellor, Lord Irvine of Lairg, and Dick Pound QC, Vice-President of the International Olympic Committee and Chancellor of McGill University, in October.

In conjunction with Focus Publishing, the University began preparing an illustrated book about its history and achievements, to be launched in 2001.

The University's image as a cultural and intellectual focus for the community was reinforced in 2000, when honorary degrees were presented to many distinguished community leaders, including Nobel Peace Laureate Nelson Mandela, Aboriginal human rights activist Charles Perkins, architect Harry Seidler, artist Margaret Olley and jazz musician Don Burrows (see supplementary section for full list).

During 2000, staff in all faculties of the University contributed to debate on ideas and issues, either formally through books, lectures and conferences, or informally in the media. Media Office records showed 1,800 appearances in newspapers, radio and television by Sydney University staff, who also served on and provided advice to many community organisations and government departments.

Professor Simon Chapman, from the Department of Public Health and Community Medicine, was chairman of both the Australian Consumers' Association and Action on Smoking and Health, while Professor of Cancer Services Bruce Barraclough was appointed chairman of the Australian Council for Safety and Quality in Health Care.

Governments also sought expert opinion from University of Sydney academics. Associate Professor Susan Hayes, from the Centre for Behavioural Sciences, gave evidence to two Parliamentary Committees, one on the Increase in Prisoner Population and another into Crime Prevention through Social Support. Dr Roger Garsia, from Immunology, chaired the NSW Ministerial Advisory Committee on the AIDS Strategy in NSW, while hepatologist Professor Geoffrey McCaughan chaired the NSW Ministerial Advisory Committee on hepatitis.

Academics also provided their support to charity work. Psychiatrist Dr Robert Llewellyn-Jones is founding chairman of the management board of Giant Steps Sydney, a charity which raises \$1.8 million annually to assist autistic children. In 2000, this program received an Australian Humanitarian Award for its activities. Dr Mark Gillies, from Clinical Ophthalmology and Eye Health, also chaired the Fred Hollows Foundation's Medical Advisory Committee.

The University expanded its schools liaison program by implementing an enhanced campus visits and school tours program through the Marketing and Student Recruitment Unit. These visits and tours, which were hosted by trained student advisers, proved popular and the number of schools requesting tours and visits more than doubled. A number of "talented

student days" were also organised which focused on the special information needs of prospective talented students in Year 11 in high schools.



Manning House, home to the University of Sydney Union, reopened in November after major redevelopment work.

School children view microscopes up close

"Go forth and magnify!" is the message from the University of Sydney's travelling microscope show, Microscopes on the Move, which allows high school students access to microscopes of infinitely better quality than the ones they usually use in class.

The program proved so successful in 2000 that it received an honorable mention for Collaborative Education and Training in November's Business Higher Education Round Table awards.

Microscopes on the Move takes the University's Scanning Electron Microscope (SEM) to the high schools, along with 10 optical dissecting microscopes, a display of spectacular micrographs, worksheets, and an experienced demonstrator.

Microscopes on the Move was developed by Raeleen Phillips, the schools liaison officer from the University's Australian Key Centre for Microscopy and Microanalysis.

"We made a lot of changes to the microscope to develop it for travel," Ms Phillips said. "We've made it simple and safe and childproof, and installed a TV screen and video printer so students can print off an image of the specimen they are looking at.

"We have adjusted the SEM to focus on the sorts of images they really like looking at, like mould on sandwiches, for example. Students want to see things they can relate to, like a fly's head, or staphylococcus, which affects their pimples."

Photograph of an integrated circuit, taken by the Australian Key Centre for Microscopy and Microanalysis' Dr Guy Cox using a confocal laser scanning micrograph.



The University's museums, art collection and Seymour Theatre Centre also contributed to its reputation as a centre for cultural activity.

In December 2000, Emeritus Professor Alexander Cambitoglou retired as Honorary Curator of the Nicholson Museum after a long and distinguished career spanning nearly 40 years. He was replaced by Professor Daniel T. Potts, Edwin Cuthbert Hall Professor of Near Eastern Archaeology.

The Museum's School Education Program continued to thrive, with 91 schools and 4,127 students from all over NSW visiting the Nicholson during the year.

A TV documentary on the Museum's Egyptian mummy research, "Ancient Autopsies", was released in 2000. This program, produced for the Discovery Channel Worldwide, featured Professors Mark and Allan Spigelman, both distinguished alumni of the University, along with the Museum's Assistant Curator, Karin Sowada.

The Macleay Museum's exhibition, "Adorned: jewellery and body decoration from Australia and the Pacific", organised jointly with the Oceanic Art Society, continued for a second year in 2000 and the book of the same title, launched in November 1999, sold extremely well.

The display prepared by the Museum's 1999 Miklouho Maclay Fellow, Dr Stephen Wroe, "Carnivorous solutions", was launched in August 2000 as part of the overall display refurbishment.

Visitor numbers were steady at a little less than 6,000. Some 40 loan transactions of nearly 200 items were made in 2000, the most notable being a loan of 10 objects to the Musée de Marseille in France. The Museum's webpage was relaunched and was rated very well in an international survey of museum sites.

The University Art Curator was coordinating curator for a promotional exhibition featuring antiquities, ethnographic artifacts and paintings from the Macleay Museum, Nicholson Museum and Art Collection. This exhibit was designed in conjunction with a video presentation and installed in a new display gallery in the Institute Building, which was refurbished for the purpose in August.

The curator organised a successful program of exhibitions for the War Memorial Gallery in 2000. These included "Stones of Learning", a commissioned portfolio of 55 photographs by leading Australian photographer David Moore; new contemporary prints from China; and "Un novo tempo" digital prints created by artist Peter Callas. An international exhibition of paintings by Italian artist Lorenzo Fonda was mounted in the Senate room in conjunction with the Italian Consulate of New South Wales.

The University accessioned 127 works and received a number of important gifts, including paintings by Thea Proctor, Margaret Olley, Cressida Campbell, Arthur Murch, Albert Tucker, Guy Warren, Simon Fieldhouse and Bryan Westwood. A collection of 51 contemporary Chinese prints was purchased and catalogued with funds from the Morrissey Bequest. Art works were lent to the National Gallery of Australia, the Art Gallery of NSW, the Queensland Art Gallery, the Powerhouse Museum and Sutherland Regional Gallery.

The University was one of the sponsors of the Paralympic Arts Festival, which was based at the Seymour Theatre Centre. This sponsorship included improving disabled access to the Centre, and further major refurbishment of the public foyers was completed.

The Centre also hosted the Mardi Gras Arts Festival and a series of lectures, the Transformation Series, continued with public lectures by author Vikram Seth, filmmaker and education adviser David Puttnam, now Lord Puttnam, environmentalist David Suzuki and former Prime Minister Paul Keating. The Centre's two new resident companies, Theatre of Image and Theatre Hydra, were launched.

Theatre of Image performed "Grandma's Shoes", a co-production with Opera Australia, while Theatre Hydra performed a season of four plays in the Downstairs Theatre.

The University's many foundations continued to strengthen links and develop partnerships between the University and industry, business, professions and the community in general.

The new Schaeffer Fine Arts Library, which now houses the Power Research Library of Contemporary Art, was opened in June. The renovation was a project of the Power Foundation for Art and Visual Culture, which raised funds for the work. The University matched the funds raised dollar for dollar up to \$1 million, and donations were made by many generous individuals.

The Centre for Continuing Education (CCE) enrolled record numbers of students during 2000 with 20,399 students in 1,197 courses. Student fee income and associated expenditure also increased proportionately. The Centre's marketing efforts were recognised internationally with a Gold Award for its Summer 2000 brochure presented by the peak university continuing education body of the United States.

Collaborative projects with other University departments produced excellent outcomes. CCE students progressed to undergraduate and postgraduate programs, Summer School courses, and international study tours. All areas of the CCE's work attracted strong community interest, and the wide variety of courses was characterised by high quality teaching.

Sport in 2000

Twenty-one athletes from the University competed in the Sydney Olympics and provided some of the most dramatic moments of the Games.

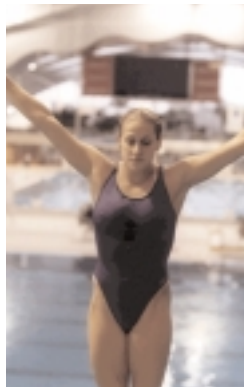
Water polo players Liz Weekes, Yvette Higgins and Debbie Watson, and swimming captain Chris Fydlar were all members of teams which won gold medals. Rebecca Gilmore won a bronze medal in the new Olympic event of synchronised diving.

Other Sydney University Olympians included David Gonzales, Peter Bach and Vernon Cheung (men's handball); Jani Bach, Petra Besta and Kim Briggs (women's handball); Monique Heinke (rowing); Phil Rogers, Matt Dunn, Brett Hawke, Anna Windsor and coach Brian Sutton (swimming); Daniel Marsden, Rod Owen-Jones, Thomas Whalan and Eddie Dennis (men's water polo); and Mehmet Yagci (weightlifting).

Thirty of the University's past Olympians and 30 aspiring Olympians attended a special Olympians dinner in the Great Hall in March, organised by the Sydney University Sports Union. Guest speaker on the evening was Law alumnus and President of the Australian Olympic Committee, John Coates.

Other guests included former prime ministers Gough Whitlam and Bob Hawke; and sporting alumni Peter Montgomery, who played water polo at four Olympic Games; sprinter John Treloar, who represented Australia at the 1948 and 1952 Olympics; decathlete Peter Hadfield, who competed at the 1980 and 1984 Olympics; and Ted Boronovskis, holder of Australia's only men's Olympic judo medal.

In other sports, the University became sponsor of the Sydney Uni Sandpipers in the national women's netball competition. The sponsorship arrangement lasts for three years, and as well as court signage at all Sandpipers' home and away games, the team wears a University of Sydney logo on all clothing and promotional merchandise.



Olympic Bronze medal winner and commerce student Rebecca Gilmore at University and (below) on the diving board.



The University, in conjunction with the NSW Institute of Sport, the Sports Union and the Sydney University Women's Sports Association, held a series of evening seminars designed to give students who were also elite athletes extra support. The seminars covered such topics as study skills, dealing with the media and public speaking, diet, and careers advice.

The student community

Manning House, a meeting point for generations of University of Sydney students, reopened in November after major redevelopment work. The new building, home to the University of Sydney Union, features a range of environmentally friendly features, and is seen by the Union as "a showcase for future developments on campus and within the community at large".

In addition, during 2000, the Union:

- ▶ continued to run its School Tutoring Program – 300 University students volunteered to tutor local students from disadvantaged high schools and youth centres in 2000;
- ▶ gave more than \$200,000 of funding to registered clubs or societies;
- ▶ granted over \$50,000 in funding to faculty societies for social events and affiliated campus activities;
- ▶ introduced a new initiative for international students called the Australian Discussion Groups, allowing local students to converse with those from a range of backgrounds about Australian culture;
- ▶ gave \$6000 in awards for leadership shown on campus by both individual students and groups;
- ▶ distributed over \$20,000 in cultural grants;
- ▶ supported debating teams at the World IV Debates Tournament, the Australasians and at the Regionals; and
- ▶ supported a debates training day, co-ordinated by the Union's Debates Committee, which drew 600 prospective students to the University.

See Supplementary section for information about: awards to staff; honorary degrees awarded in 2000; and other publications about the University.

College and faculty achievements

College of Health Sciences

- ▶ A new two-year course, the Associate Diploma in Community Health and Development, won a Gold Premier's Public Sector Award 2000 in the Workforce Diversity category, and a NSW Health Baxter Better Health Good Health Care Award 2000. The program was developed by the University's Department of Rural Health director of primary health care, Ms Sue Selden, in collaboration with the Maari Ma Health Aboriginal Corporation and the Far West Area Health Service.

East Timor leader wins Peace Prize

Xanana Gusmao, President of the National Council for East Timorese Resistance, visited the University in November to accept his Sydney Peace Prize and to deliver the 2000 Peace Prize Lecture.

Mr Gusmao was the unanimous choice of the Sydney Peace Foundation.

"We chose Mr Gusmao for his courageous struggle for the independence of the East Timorese people; his commitment to dialogue with Indonesia in the cause of peace with justice; and his deep understanding and practice of non-violence," Foundation director, Professor Stuart Rees, said.

This was the third year of the Sydney Peace Prize. Previous winners were Professor Muhammad Yunus, founder of the Grameen Bank, in 1998, and in 1999, Archbishop Emeritus Desmond Tutu, Nobel Prize winner and chair of South Africa's Truth and Reconciliation Commission.

In his lecture, Mr Gusmao warned that care was needed to avoid peace building becoming an exercise in dependency building in East Timor.

"On behalf of the people of East Timor I want to express my deepest gratitude to the organisers of the Sydney Peace Prize," Mr Gusmao said.

"By affording this opportunity to express our ideas about peace building in East Timor, it is my hope and wish that new understandings leading to creative solutions will emerge."



Xanana Gusmao – chosen for the Sydney Peace Prize for his courageous struggle for independence for East Timor.

- ▶ The Faculty of Medicine has sought funding to establish a Western Corridor Clinical School, an enhanced Canberra Clinical School and a Northern Rivers University Department of Rural Health under a federal government initiative to enhance delivery of health care in rural areas.
- ▶ The Cochlear Implant Centre, which is leased by the University, has provided more than 600 deaf adults and children with cochlear implants.
- ▶ The second National Colloquium of the National Access Working Group, a collaboration between the Faculty of Health Sciences School of Occupation and Leisure Sciences and national organisations including the Royal Australian Institute of Architects and peak disability groups, was held during 2000.

College of Humanities and Social Sciences

- ▶ The Faculty of Economics and Business hosted Australian Business Week for the first time in 2000. Students from 80 private and public schools across NSW came to the University to learn the basics of running a company, including designing, manufacturing, advertising and marketing their own product.
- ▶ The Faculty of Education entered into discussions with the new George's River College to expedite the possible joint appointment of lecturers who will be in part school-based and in part based within the University.
- ▶ The Faculty of Education and the Faculty of Science formed a Science Education Consortium to promote and develop science education in both primary and secondary schools.
- ▶ The Faculty of Law's Professor Ron McCallum headed an independent inquiry into Victoria's industrial relations framework.
- ▶ Former Prime Minister Gough Whitlam, writer Bob Ellis, the Uniting Church's Reverend Harry Herbert, and NSW Minister for Corrective Services Mr Bob Debus, were among readers who took their turn reading selected Cantos of Dante's *Divine Comedy* on Palm Sunday in the Great Hall. The day was organised by the Italian Studies Association, which aims to promote knowledge and appreciation of Italian culture in the wider community.

College of Sciences and Technology

- ▶ More than 7,000 school students and more than 2,000 others, including family groups and science enthusiasts, visited the Australian Technology Park in May for Scifest, a joint venture of the University of Sydney, UNSW, UTS and TAFE NSW.
- ▶ Architecture students' plans for a new civic space in Balmain were put to the test in a community forum, held at Balmain Town Hall. The students began the project, which was co-ordinated by the Head of the Department of Architecture, Planning and Allied Arts, Associate Professor Anna Rubbo, with a survey of 100 people, including shopkeepers, council planners and residents. They worked in small teams and presented their proposals to a community group which included Leichhardt councillors.
- ▶ Students enrolled in supervised professional courses in Human Nutrition and Dietetics and in Clinical Psychology in the Faculty of Science offered relevant services to a wide range of members of the general public.

Supplementary information

Student statistics

Undergraduate enrolments 1995–2000

Enrolment status	1995	1996	1997	1998	1999	2000
Full-time (female)	10554	11437	12412	12980	13709	14185
Full-time (male)	8123	8515	9045	9369	9932	9990
Part-time (female)	2288	2285	2407	2701	3182	3263
Part-time (male)	1557	1631	1718	1884	2009	2254
Total enrolments	22,522	23,868	25,582	26,934	28,832	29,692

Undergraduate and postgraduate enrolments by faculty 1999–2000

Faculty	Undergraduate enrolments		Postgraduate enrolments	
	1999	2000	1999	2000
Agriculture	540	547	179	171
Architecture	429	471	473	433
Arts	6338	6294	1014	936
Dentistry	283	287	74	84
Economics	3161	3118	1152	1291
Education	1556	1694	516	478
Engineering	2144	2213	291	304
Graduate School of Business	N/A	N/A	416	
Health Sciences	3642	3509	756	844
Law	726	709	745	719
Medicine	790	791	998	1096
Nursing	1313	1298	416	329
Pharmacy	619	743	76	102
Science	3556	3865	720	726
Sydney College of the Arts	546	555	83	93
Sydney Conservatorium of Music	524	534	98	95
Veterinary Science	464	503	71	75
Rural Management	1009	1006	58	57
Australian Graduate School of Management	N/A	N/A	1843	2404
Special Programs	1192	1555	8	21

Postgraduate enrolments 1995–2000

Enrolment status	1995	1996	1997	1998	1999	2000
Full-time (female)	1574	1425	1410	1371	1615	1689
Full-time (male)	1596	1528	1422	1386	1816	1768
Part-time (female)	2444	2605	2908	3039	3333	3417
Part-time (male)	2188	2230	2411	2417	3223	3384
Total	7802	7788	8151	8213	9987	10258

Postgraduate Enrolments by Level 1998–2000

Enrolment level	1998	1999	2000
Higher doctorate	3	0	2
Doctor of Philosophy	2474	2518	2625
Masters (research)	888	852	781
Masters (coursework)	3087	3253	3139
Masters (preliminary)	8	6	7
Diploma (postgraduate)	1413	1176	873
Graduate Certificate	262	251	325
Non-award (postgraduate)	30	31	57
Cross-institutional (postgraduate)	48	1900*	2449*
Total	8213	9987	10258

* Includes Australian Graduate School of Management enrolments



Cultural diversity initiatives and achievements at the University of Sydney

The University of Sydney is committed to increasing awareness of and promoting positive values and attitudes towards cultural diversity amongst its staff and students. To this end, the University's Ethnic Affairs Priority Statement links a range of initiatives and strategies to the seven major goals of the University's Strategic Plan 1999–2004. Following is an outline of the University's commitments under the Ethnic Affairs Priority Statement, and an overview of the University's cultural diversity achievements during 2000 and initiatives for 2001.

Diversity in teaching and learning

The University of Sydney is dedicated to providing quality teaching and learning that is responsive to the culturally diverse local, national and international communities in which students and staff participate as graduates and professionals. In order to achieve this, the University fosters the development of culturally inclusive teaching methods and curriculum across all of its Faculties.

For example, the Faculty of Nursing has for several years incorporated ethnic diversity into all undergraduate and postgraduate courses and also into specific units of study, such as Transcultural Nursing. The Faculty of Law has also continued to support and encourage the study of, and critical thinking about, cultural diversity; criminology courses at the undergraduate and postgraduate level include reference to ethnic and racial diversity as well as gender issues. The undergraduate program in the Faculty of Education offers units of study specifically in gender issues and incorporates gender and multicultural issues throughout its subjects. The Faculty also has compulsory units for primary teachers on 'Teaching English to Students of Other Languages', and offers conversion courses for teachers from overseas who wish to obtain Australian qualifications. The professional Faculties have continued to encourage understanding of the principles of cultural diversity so as to equip students with the skills and knowledge necessary to work in multicultural settings. In particular, the faculties of Health Sciences, Medicine and Nursing have continued to offer professional placements and learning experiences that emphasise the needs of a culturally diverse society. The Faculty of Health Sciences has placed particular emphasis on the quality of the educational experience of Indigenous students across all health sciences disciplines.

The University of Sydney recognises the need to provide both its academic and general staff with information, training and programs to assist them to better serve the culturally diverse student body. The Human Nutrition Unit in the Faculty of Science incorporates ethnic cuisines into its teaching program and employs lecturers from ethnic groups in Sydney to undertake these courses.

The Faculty of Health Sciences has been involved in developing strategies and materials for raising cultural awareness among staff. The Institute for Teaching and Learning conducts workshops and programs for new teaching staff, a high proportion of whom are from overseas countries and non-English speaking backgrounds.

Support to students from non-English speaking backgrounds

The Learning Centre provided specialised courses covering oral presentation skills, discussion skills and writing skills during 2000. Of the total number of students enrolled, 49.3 per cent were students of non-English speaking background (NESB). In 2000 the Learning Centre ran 17 programs in 10 Faculties, 25 per cent of which were specifically for both local and international students of NESB. In 2001 the Centre plans to expand the programs specifically designed to support students of NESB in academic departments. This will include the continuation of diagnostic assessments of student literacy in cooperation with departments; continuing development of computer-based learning resources designed to develop the writing skills of students of NESB; and assisting in thesis consultation for postgraduate research students of NESB.

The Mathematics Learning Centre provides free tutorials to enrolled students including international students and students who have studied mathematics in other languages. In 2000, 33.5 per cent of students attending the Mathematics Learning Centre spoke a first language other than English. The University Library also provides access to a wide variety of information resources in a range of languages.

The Faculty of Economics and Business is planning to introduce a new induction program in 2001, which will include specialised English classes for both undergraduate and postgraduate students. The Faculty of Law has an international Student Liaison Officer, and in 2000 the Faculty of Engineering introduced a team of academic advisers to assist international students. In 2000 the Faculty of Veterinary Science organised its first two-day orientation program designed specifically for new international students. Modification of this program is planned for 2001 as well as an investigation into comparable support available to international students in the UK.

Approximately 20 per cent of the students using the University Counselling Service have identified themselves as being from a non-English speaking background. A much higher percentage of the service's clients have an ethnic background, although they speak English at home. In 2001 the Counselling Service plans to adapt its life-skills group program to more successfully accommodate students from diverse cultural backgrounds.

Special admissions

The University has a number of special admissions programs. These include: a Multicultural Admissions program in the Faculty of Health Sciences that offers admission to HSC students who have appropriate language skills and an understanding of the needs of major community groups; the Broadway Scheme, for the educationally disadvantaged; and the Cadigal Program which assists entry for Aboriginal students. In 2000 there were 165 students enrolled in the Broadway Scheme, of which 101 spoke a language other than English at home and 76 were born overseas. Of a total 220 enrolments under the Mature Age Entry Scheme, Educational Disadvantage Access Scheme and Cadigal Program, 67 students were born overseas and 32 students spoke a language other than English at home. Of the students enrolled in the Combined Law program for 2000, 13 per cent were admitted under the Broadway Scheme.

Research and critical reflection

The Research Institute for Asia and the Pacific (RIAP) was established in 1987 and is overseen by the Pro-Vice Chancellor (Research). RIAP aims to promote social and economic co-operation in the Asia-Pacific region. This is pursued through a vigorous program of research, international training and public affairs including environmental management in East Timor and public sector governance in Indonesia, Malaysia, Thailand and Vietnam. An underlying goal is to strengthen understanding and co-operation through equal partnerships between Australian and Asia-Pacific institutions.

The Multicultural Research Centre in the Faculty of Education has in 2000 continued with its ARC-funded comparative study of migration and settlement experiences in the context of Sydney's development as a global city. The International Institute for Educational Development was created in 2000, and will begin teaching a Graduate Certificate in International Education in 2001 under the guidance of the Faculty of Education.

Staff at the Institute for Teaching and Learning are actively involved in research into and publications on the experience of students from diverse backgrounds in their University courses. The Faculty of Nursing has several academics and doctoral students researching and publishing in the area of cultural diversity and nursing. The Faculty of Law and the Law Council of Australia co-hosted a conference on 23 and 24 November 2000, "Nation-Skilling: Immigration, Labour and the Law". A significant number of staff in the Law Faculty are involved in research on issues of diversity.

Diversity and internationalisation: making connections

The University of Sydney values cultural diversity as an integral component of internationalisation. The International Student Services Unit (ISSU) provides a range of activities and programs for international students and their families, including a counselling and advisory service. The programs provided by ISSU assist international students to understand Australian culture and bring local students into contact with students from other cultures.

In 2001 the Faculty of Engineering plans to hold several functions that will promote its cultural diversity including a number of international lunches. The Faculty of Law actively continues to support connections with law schools and lawyers in a number of overseas jurisdictions, including in Asia. The Faculty is actively pursuing research and teaching links with Chinese Universities, and in 2000 the dean visited a number of law schools to develop these linkages further and to support future collaboration.

An International Expertise Database developed by the School of Social, Policy and Curriculum Studies in the Faculty of Education contains a substantial body of information about the international expertise and contacts of University of Sydney employees. The database facilitates communication among academics from diverse cultures and provides information about foreign languages spoken by staff; familiarity with protocol, customs and working environments; current international working collaborations and partnerships; international-related academic expertise; and overseas-earned academic qualifications.

Each year the University of Sydney Union designates one week as Cultural Awareness Week. As part of the 2000 Cultural Awareness Week the President of the Federal Human Rights and Equal Opportunity Commission gave a presentation on current issues before the Commission.

Managing and promoting cultural diversity

The University collects data on the cultural background of students annually through the enrolment process. Of total enrolments in 2000, 27.8 per cent of students were born overseas, and 22.0 per cent spoke a language other than English at home. The University keeps data on specific countries and languages represented among these groups, and also reports to DETYA in the triennial Equity Plan on issues relating to students from NESB.

In September 1999 the University introduced a new Human Resources Management System. This new system has enabled the University to produce a comprehensive breakdown of its work profile, including people from non-English speaking backgrounds. This information will allow the Staff and Student Equal Opportunity Unit to plan programs and initiatives designed specifically for staff of culturally diverse backgrounds. Early in 2000, all University employees were asked to complete an employee data census form, verifying existing data including any equal employment opportunity (EEO) data, and were also asked whether they wished to be identified as belonging to any of the EEO target groups.

In January 2000, the University engaged an independent consultant, the Anti-Discrimination Board of NSW, to undertake an extensive review of the University's existing policy and procedures relating to harassment. One of the recommendations from the review was that the University appoint 15–20 Harassment and Discrimination Support Officers to provide support to students and staff in relation to harassment and/or discrimination problems, concerns or complaints. The Harassment and Discrimination Support Network will comprise people from a diverse range of ethnic backgrounds.

University of Sydney centres and organisations carrying out research

College of Health Sciences

- ▶ Australian Health Policy Institute

Faculty of Dentistry

- ▶ Oral Health Foundation

Faculty of Health Sciences

- ▶ Australian Stuttering Research Centre
- ▶ Cumberland Health and Research Centre
- ▶ National Centre for Classification in Health
- ▶ National Voice Centre (with Sydney Conservatorium of Music)
- ▶ Rehabilitation Research Centre
- ▶ WHO Collaborating Centre for Rehabilitation

Faculty of Medicine

Associated research units

- ▶ A W Morrow Gastroenterology and Liver Centre, RPAH
- ▶ ANZAC Health and Medical Research Institute, CRGH
- ▶ Centenary Institute of Cancer Medicine and Cell Biology, RPAH
- ▶ Central Sydney Area Health Service Drug and Alcohol Services, RPAH
- ▶ Centre for Health Economics Research and Evaluation
- ▶ Centre for Immunisation Research, Children's Hospital at Westmead
- ▶ Children's Medical Research Institute
- ▶ Department of Anatomical Pathology, RPAH
- ▶ Department of Endocrinology, RPAH
- ▶ Heart Research Institute, RPAH
- ▶ Institute of Bone and Joint Research, RNSH
- ▶ Institute of Clinical Neurosciences, RPAH
- ▶ Institute for Immunology and Allergy Research, Westmead
- ▶ Institute for International Health Research and Development, CSAHS
- ▶ Institute of Magnetic Resonance Research
- ▶ Institute of Paediatric Endocrinology, Diabetes and Metabolism, Children's Hospital at Westmead
- ▶ Institute of Respiratory Medicine, RPAH
- ▶ Kanematsu Laboratories, RPAH
- ▶ Kolling Institute of Medical Research, RNSH
- ▶ Menzies School of Health Research, Darwin
- ▶ NH&MRC Clinical Trials Centre
- ▶ NSW Breast Cancer Institute
- ▶ Pain Management and Research Centre, RNSH
- ▶ Sydney Melanoma Unit, RPAH
- ▶ Westmead Millennium Institute and Research Centres, Westmead Hospital

Other research units

- ▶ Australian Centre for Effective Healthcare
- ▶ Centre for the Study and Treatment of Dieting Disorders
- ▶ Centre for Values, Ethics and the Law in Medicine
- ▶ Children's Cochlear Implant Centre
- ▶ Institute for Biomedical Research
- ▶ National Centre for Health Promotion

- ▶ NSW Centre for Perinatal Health Services Research
- ▶ Save Sight and Eye Health Institute
- ▶ WHO Collaborating Centre in Health Promotion

Foundations

- ▶ Ageing and Alzheimer's Disease Research and Education Institute
- ▶ Birth Defects Foundation
- ▶ Bone and Joint Research Foundation
- ▶ Dermatology Research Foundation
- ▶ Ear and Allied Research Foundation
- ▶ Endocrinology and Diabetes Research Foundation
- ▶ The Medical Foundation
- ▶ Nerve Research Foundation

Faculty of Nursing

- ▶ Centre for Nursing Research
- ▶ Nursing History Research Unit
- ▶ Research Centre for Adaptation in Health and Illness
- ▶ Sydney Nursing Research Centre
- ▶ WHO Collaborating Centre for Nursing Development in Primary Health Care

Faculty of Pharmacy

- ▶ Australian Pharmacy Research Centre
- ▶ Herbal Medicines Research and Education Centre
- ▶ Pharmacy Practice Foundation

College of Humanities and Social Sciences

- ▶ Research Institute for Humanities and Social Sciences

Faculty of Arts

- ▶ Australian Archaeological Institute at Athens
- ▶ Centre for Celtic Studies
- ▶ Centre for Lesbian and Gay Research
- ▶ Centre for Medieval Studies
- ▶ Centre for Peace and Conflict Studies
- ▶ Centre for Performance Studies
- ▶ Classical Languages Acquisition Research Centre
- ▶ European Studies Centre
- ▶ Language Centre

Faculty of Economics and Business

- ▶ Accounting Foundation
- ▶ Accounting Research Centre
- ▶ Australian Centre for Industrial Relations Research and Training
- ▶ Australian Marketing Science Institute
- ▶ Centre for International and Public Affairs
- ▶ Centre for Microeconomic Policy Analysis
- ▶ Centre for South Asian Studies
- ▶ Centre for the Study of the History of Economic Thought
- ▶ Micro-Economic Modelling Laboratory (MEMLab)
- ▶ Pacioli Society
- ▶ Securities Industry Research Centre of Asia-Pacific

Faculty of Education

- ▶ Centre for Practitioner Research
- ▶ Centre for Research and Teaching in Civics
- ▶ Children's Hospital Education Research Institute (CHERI)
- ▶ China Education Centre
- ▶ Evelyn McCloughlan Children's Centre
- ▶ Health Education Unit
- ▶ International Institute for Educational Development
- ▶ Multicultural Research Centre
- ▶ Teaching Resources and Textbooks Research Unit (TREAT)

Faculty of Law

- ▶ Australian Centre for Environmental Law
- ▶ Centre for Asian and Pacific Law
- ▶ Institute of Criminology
- ▶ Julius Stone Institute of Jurisprudence

Sydney Conservatorium of Music

- ▶ Australian Centre for Applied Research in Music Performance

College of Sciences and Technology

- ▶ Australian National Genomic Information Service
- ▶ Electron Microscope Unit (includes the NWG Macintosh Centre for Quaternary Dating)
- ▶ Optical Fibre Technology Centre
- ▶ Sydney University and Royal Prince Alfred Hospital Macromolecular Analysis Centre (SUPAMAC)
- ▶ Sydney Regional Visualisation Laboratory (VISLAB)

Faculty of Agriculture

- ▶ Australian Centre for Precision Agriculture
- ▶ Reprogen Centre for Advanced Technologies in Animal Genetics and Reproduction (with Veterinary Sciences)
- ▶ IA Watson Grains Research Centre, Narrabri
- ▶ Plant Breeding Institute
- ▶ Sydney University Nitrogen Fixation Centre

Faculty of Architecture

- ▶ Ian Buchan Fell Housing Research Centre
- ▶ Planning Research Centre

Faculty of Engineering

- ▶ Australian Centre for Innovation and International Competitiveness
- ▶ Australian Graduate School of Engineering Innovation
- ▶ Australian Research Council Special Research Centre for Offshore Foundation
- ▶ Systems
- ▶ Centre for Advanced Materials Technology
- ▶ Centre for Advanced Structural Engineering
- ▶ Centre for Geotechnical Research
- ▶ Centre for Risk, Environment and Systems Technology Analysis
- ▶ Finite Element Analysis Research Centre
- ▶ Polymer Research Centre
- ▶ Warren Centre for Advanced Engineering

Faculty of Science

- ▶ Australian Mekong Resource Centre
- ▶ Centre for Human Aspects of Science and Technology
- ▶ Coastal Studies Centre
- ▶ Coral Reef Research Institute
- ▶ Fruit Fly Research Centre

- ▶ Institute of Astronomy
- ▶ Institute of Marine and Ocean Science
- ▶ Institute of Wildlife Research
- ▶ Molonglo Observatory
- ▶ Ocean Sciences Institute
- ▶ One Tree Island Research Station
- ▶ Sydney University Stellar Interferometer

Faculty of Veterinary Science

- ▶ Reprogen Centre for Advanced Technologies in Animal Genetics and Reproduction (with Agriculture)
- ▶ Centre for Conservation Biology
- ▶ Australian Marine Mammal Research Centre
- ▶ Centre for Animal Immunology Research
- ▶ Dairy Research Foundation
- ▶ Poultry Research Foundation
- ▶ Centre for Sheep Research and Extension

Australian Graduate School of Management

(jointly with the University of New South Wales)

- ▶ Centre for Applied Marketing
- ▶ Centre for Corporate Change
- ▶ Centre for Research in Finance
- ▶ Fujitsu Centre

Other centres associated with the University

- ▶ Centre for the Mind
- ▶ Institute for Teaching and Learning
- ▶ Koori Centre
- ▶ Research Institute for Asia and the Pacific

Cooperative Research Centres

(as of December, 2000)

- ▶ Australian Photonics Cooperative Research Centre
- ▶ Cooperative Research Centre for Advanced Composite Structures
- ▶ Cooperative Research Centre for Asthma
- ▶ Cooperative Research Centre for Biological Control of Pest Animals
- ▶ Cooperative Research Centre for Cochlear Implant, Speech and Hearing Research
- ▶ Cooperative Research Centre for Mining Technology and Equipment
- ▶ Cooperative Research Centre for Polymers
- ▶ Cooperative Research Centre for Sustainable Cotton Production
- ▶ Cooperative Research Centre for Sustainable Rice Production
- ▶ Cooperative Research Centre for Welded Structures
- ▶ Quality Wheat Cooperative Research Centre

Australian Research Council Special Research Centres

- ▶ Ecological Impacts of Coastal Cities
- ▶ Special Research Centre for Theoretical Astrophysics

Key Research Centres

- ▶ Australian Key Centre for Microscopy and Microanalysis
- ▶ Australian Key Centre of Transport Management
- ▶ Australian Centre for Field Robotics
- ▶ Key Centre for Polymer Colloids

Department and Schools of the University of Sydney

College of Health Sciences

Faculty of Dentistry

- ▶ No departments or schools

Faculty of Health Sciences

- ▶ Applied Vision Sciences
- ▶ Behavioural and Community Health Sciences
- ▶ Biomedical Sciences
- ▶ Communication Sciences and Disorders
- ▶ Exercise & Sport Science
- ▶ Health Information Management
- ▶ Medical Radiation Sciences
- ▶ Occupation and Leisure Sciences
- ▶ Physiotherapy
- ▶ Yooroang Garang: The School of Indigenous Health Studies

Faculty of Medicine

- ▶ Anaesthesia
- ▶ Anatomy and Histology
- ▶ Canberra Clinical School
- ▶ Clinical Ophthalmology and Eye Health
- ▶ General Practice
- ▶ Infectious Diseases
- ▶ Medical Education
- ▶ Medicine
- ▶ Obstetrics and Gynaecology
- ▶ Pathology
- ▶ Paediatrics and Child Health
- ▶ Pathology
- ▶ Pharmacology
- ▶ Physiology
- ▶ Psychological Medicine
- ▶ Public Health and Community Medicine
- ▶ Radiology
- ▶ Rural Health
- ▶ Surgery

Faculty of Nursing

- ▶ Clinical Nursing
- ▶ Family and Community Nursing

Faculty of Pharmacy

(no departments or schools)

College of Humanities and Social Sciences

Faculty of Arts

- ▶ English, Art History, Film and Media
- ▶ European, Asian and Middle Eastern Languages and Studies
- ▶ Philosophy, Gender, History and Ancient World Studies
- ▶ Society, Culture and Performance

Faculty of Economics and Business

- ▶ Business
- ▶ Economics and Political Science

Faculty of Education

- ▶ Development and Learning
- ▶ Policy and Practice

Faculty of Law

- ▶ Staff Development
- ▶ Teaching Programs

Sydney College of the Arts

(no departments or schools)

Sydney Conservatorium of Music

- ▶ Performance and Academic Studies

College of Sciences and Technology

Faculty of Agriculture

- ▶ Agricultural Chemistry and Soil Science
- ▶ Agricultural Economics
- ▶ Crop Sciences
- ▶ Microbiology

Faculty of Architecture

- ▶ Architectural and Design Science
- ▶ Architecture, Planning and Allied Arts

Faculty of Engineering

- ▶ Aeronautical Engineering
- ▶ Chemical Engineering
- ▶ Civil Engineering
- ▶ Electrical and Information Engineering
- ▶ Mechanical and Mechatronic Engineering

Faculty of Rural Management

- ▶ Undergraduate Studies and Academic Staff
- ▶ Research and Postgraduate Studies
- ▶ Educational Services

Faculty of Science

- ▶ Biochemistry
- ▶ Biological Sciences
- ▶ Chemistry
- ▶ Computer Science (Basser Department of)
- ▶ Geosciences
- ▶ Mathematics and Statistics
- ▶ Physics
- ▶ Psychology

Faculty of Veterinary Science

- ▶ Animal Science
- ▶ Veterinary Anatomy and Pathology
- ▶ Veterinary Clinical Sciences

Australian Graduate School of Management

(jointly with the University of New South Wales)

- ▶ Management Studies



Honorary degrees for 2000

Date	Name
21/3/00.....	Professor Peter Colman, PhD <i>Adel</i> , FAA FTSE, Director, Biomolecular Research Institute: Doctor of Science
21/3/00.....	Emeritus Professor William Fraser Connell OBE, PhD DLit(Ed) <i>Lon</i> , MA <i>Illinois</i> MA MEd <i>Melb</i> , FASSA, Professor of Education 1955 to 1976: Doctor of Letters in Education
6/4/00.....	The late Mr Morris Langlo West, AO, BA Hon DLitt <i>UWS</i> , <i>Mercy College NY</i> , <i>Santa Clara CA</i> , <i>ANU</i> , FRSL, Author: Doctor of Letters, presented and conferred posthumously
6/4/00.....	Mr Harry Seidler AC OBE, MArch <i>Harv</i> , Hon LLD <i>Manitoba</i> , Hon DLitt <i>UTS</i> , Hon FAIA LFRAIA MRAIC FTSE Hon FRIBA, Architect: Doctor of Science in Architecture
11/5/00.....	Emeritus Professor Louis Charles Birch, BAgSc <i>Melb</i> DSc <i>Adel</i> , FAA, Challis Professor of Biology 1960-1984: Doctor of Science
11/5/00.....	Professor Suzanne Cory, AC, BSc, MSc <i>Melb</i> , PhD <i>Cantab</i> , FAA FRS, Director, the Walter and Eliza Hall Institute of Medical Research: Doctor of Science
11/5/00.....	Mr Charles Nelson Perkins, AO, BA, Consultant and Director, Antjilka Consulting: Doctor of Laws
19/5/00.....	The Hon Mr Justice Roderick Pitt Meagher, BA LLB, Judge, Supreme Court of New South Wales: Doctor of Laws
19/5/00.....	Ms Margaret Hannah Olley, AO, DipArt <i>East Syd Tech Coll</i> , Hon DLitt <i>Macq</i> , Artist: Doctor of Visual Arts
25/5/00.....	Mr Donald Vernon Burrows, AO MBE, modern jazz musician: Doctor of Music
30/5/00.....	Mr Ron Yates, AM, BE, Hon FIE Hon FRAS <i>Lond</i> , Retired Chief Executive of Qantas: Doctor of Engineering
13/6/00.....	Mr David Stuart Clarke, AO, BEc MBA, Executive Chairman, Macquarie Bank Limited: Doctor of Science in Economics
4/9/00.....	Mr Nelson Mpila Mandela, Former President of South Africa and Nobel Peace Prize winner, Doctor of Laws
27/10/00.....	The Hon Justice Jane Hamilton Mathews, Hon LLD <i>W'gong</i> , LLB, Judge, Federal Court of Australia: Doctor of Laws
27/10/00.....	Sir Arvi Hillar Parbo, AC, BE (Hons) <i>Adel</i> , Hon DSc <i>Deakin & Curtin</i> , Hon DEng <i>Monash</i> Hon DUniv <i>Flinders</i> , FTSE, Company Director: Doctor of Laws
24/11/00.....	Dr Daisaku Ikeda, President of Soka Gakkai, a Tokyo-based global association of lay Buddhists: Doctor of Letters

Honorary Fellows for 2000

Date	Name
25/5/00.....	Dr Diana Marmion Temple AM, BSc <i>WA</i> MSc PhD, Honorary Associate of the Faculty of Science
13/6/00.....	Dr Peter D Jones, BSc BE PhD, FAATSE, Company Director and Governor of the Science Foundation for Physics
27/10/00.....	The Hon Mr Justice Brian John Keith Cohen, BA LLB, Judge, Supreme Court of New South Wales and former Chair of the Law Extension Committee



University medallists for 2000

Bachelor of Economics

William Huw McKay

Bachelor of Economics (Social Sciences)

Dominique Jemmai Rowe

Bachelor of Education

Robert John Parkes

Bachelor of Engineering

Anurag Kumar Gupta, James Peter McManus, Claudio Luca Natoli, Ian Nowland, John Anthony Pickhaver, Leanne Mary Blackburn, Ingrid Lesley Groer, Adrian Joseph Reid

Bachelor of Laws

Simon Fitzpatrick, Natalie Krestovsky, Stuart Andrew Lawrance

Bachelor of Medical Science

Virginia Ann Best, Deborah Maria Blanckenberg, Vanessa Gysbers, Allison Margaret Moore, Hannah Rosemary Nicholas, Zuzana Chi Yun Zaloudek

Bachelor of Medicine and Bachelor of Surgery (MBBS)

Piera Margaret Taylor, Jonathan Mishali Hemli

Bachelor of Music

Erin Paul Helyard, Tammie Leung

Bachelor of Science

Kirsten Claire Morley, Michael Philip Barg, James Richard Curran, Gordon Bruce Burns, Stuart Walker Prescott, Jane Louise van Vliet, Asaph Widmer-Cooper, Marnie Elisabeth Blewitt, Deborah Anne Barton, Yvonne Caroline Davila, Toby Scott Hudson, Nerilie Jane Abram, Steven Von Fuerst, Elspeth Sarah Kay, Ben Lin, Tara Murphy, Rachel Frances Parker, Sarah Madeline Potter, Michael Don Shuter

Bachelor of Science (Advanced)

Daniel James Ford, Robyn Elizabeth Forrest

Bachelor of Science in Agriculture

Andrew James William Beaton, Jennifer Anne Edye, Bronwen Jane Whiting

Bachelor of Science (Architecture)

Jesse Benjamin McNicoll

Bachelor of Veterinary Science

Sophia Tzannes

Bachelor of Visual Arts

Lisa Hoelzl, Alyssa Simone, Gabrielle Lynne Bates

Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come.

Bachelor of Agricultural Economics

Karen Joyce Hawkins

Bachelor of Applied Science

Victoria Louise Carleton, Matthew Christopher Squires, Cassandra Marie Vernon, Kelsey Dawn Jamieson

Bachelor of Architecture

Konstantine Vourtzoumis

Bachelor of Arts

Saadiah Elisabeth Freeman, David Teh, Dougal James Phillips, Eleanor Rachel Chambers, Cassily Charles, Jonathan Richard Pickering, David Frederick Callum Thomas, Vanessa Danthiir, Jonathan Michael Richards, James David Cockayne, Mairead Fionnuala Costigan, Jeremy Joshua Heimans, Michelle Dian Wood,

Bachelor of Commerce

Christopher Ronald Edward Joye, Sylvia Alexandra Preda, Michael Skott

Bachelor of Computer Science and Technology

Pawel Sobocinski

Bachelor of Dental Surgery

Raul Taliana

Memoranda and Exchange Programs

Memoranda of Understanding signed in 2000

University-wide memoranda

- ▶ University of Auckland
- ▶ Chiba University
- ▶ University of North Carolina
- ▶ University of Torino

Faculty/College-specific memoranda

- ▶ Ecole Regionale des Beaux Arts Saint Etienne – Sydney College of the Arts
- ▶ Oregon Health Sciences University Faculty of Pharmacy – Faculty of Medicine
- ▶ Royal Academy of Music, London – Conservatorium of Music
- ▶ Ecole Supérieure de Physique et de Chimie Industrielles – Faculty of Engineering
- ▶ University of Concepcion – Faculty of Science
- ▶ Gotland University College – Archaeology (Faculty of Arts)
- ▶ McMaster University – Education
- ▶ Chinese Academy of Social Sciences – College of Humanities and Social Sciences

Memoranda of Understanding renewed in 2000

University-wide memoranda

- ▶ University of Bologna
- ▶ Student Exchange Agreements signed in 2000

University-wide agreements

- ▶ The University of Auckland
- ▶ University of East Anglia
- ▶ Nagoya University
- ▶ University of North Carolina
- ▶ Université de la Sorbonne Nouvelle Paris III
- ▶ Université de la Sorbonne Nouvelle Paris III
- ▶ University of Torino

Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come.

Faculty/College-specific agreements

- ▶ Oregon State University – Health Sciences
- ▶ Ecole Regionale des Beaux Arts Saint Etienne – Sydney College of the Arts
- ▶ Supelec Ecole supérieure D'Electricité – Faculty of Engineering (Electrical)
- ▶ Rhode Island Design School – Sydney College of the Arts
- ▶ University of Tokyo – Faculty of Engineering (Aeronautical)
- ▶ Royal Academy of Music, London – Conservatorium of Music
- ▶ Designskolen Kolding – Sydney College of the Arts
- ▶ University of the Philippines – Faculty of Architecture
- ▶ ESCPI Ecole Supérieure de Physique et de Chimie Industrielles – Faculty of Engineering
- ▶ Shonan Institute of Technology – Faculty of Engineering
- ▶ Gotland University College – Faculty of Arts (Archaeology)

Student exchange agreements renewed in 2000

University-wide agreements

- ▶ Glasgow University
- ▶ University of Vienna
- ▶ University of California



Senate committees

Advisory Committee for the Selection of Candidates for Honorary Awards

Chair Appointments Committee

Finance Committee

Planning Committee (under review)

Senate/SRC Liaison Committee

Senate/SUPRA Liaison Committee

Student Academic Appeals Committee

Student Appeals Committee (Exclusions and Re-admissions)

Student Disciplinary Appeals Committee

Committee membership as of December 2000

Advisory Committee for the Selection of Candidates for Honorary Awards

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

The Deputy Vice-Chancellors:

- ▶ Professor Ken Eltis
- ▶ Professor Judith Kinnear

The Chair of the Academic Board:

- ▶ Professor Lawrence Cram

Not more than six other Fellows:

- ▶ Ms Jenny Beatson
- ▶ Mr Peter Burrows
- ▶ Dr Ann Eyland
- ▶ Dr Robin Fitzsimons
- ▶ Ms Suzanne Jamieson

Chair Appointments Committee

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

The Deputy Vice-Chancellor (Academic and International)

- ▶ Professor Judith Kinnear

The Chair of the Academic Board:

- ▶ Professor Lawrence Cram

Five other Fellows:

- ▶ Mr Milton Cujes
- ▶ Dr Ann Eyland
- ▶ Dr Robin Fitzsimons
- ▶ Ms Valerie Pratt



Finance Committee

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

The Chair of the Academic Board:

- ▶ Professor Lawrence Cram

The Chair of the Finance Committee elected by Fellows of Senate annually:

- ▶ Mr Peter Burrows

Five other Fellows elected by Fellows of Senate annually:

- ▶ Dr Ann Eyland
- ▶ Mr David Hoare
- ▶ Professor Stephen Leeder
- ▶ Mr John M McCarthy
- ▶ Ms Valerie Pratt

Two external members appointed by Senate every two years:

- ▶ Professor Sir Bruce Williams

Senate/SRC Liaison Committee

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer) (Chair)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

Four other Fellows:

- ▶ Dr Gavan Butler
- ▶ Mr Andrew Charlton
- ▶ Ms Suzanne Jamieson

Four SRC nominees:

- ▶ varies each meeting

Senate/SUPRA Liaison Committee

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

Four other Fellows:

- ▶ Mr Tom Clark
- ▶ Dr Ann Eyland
- ▶ Dr Robin Fitzsimons
- ▶ Dr Ken Macnab

The Deputy Chair of the Academic Board (nominated by the Chair of the Board):

- ▶ Associate Professor Russell Ross (Alternative Chair of the Graduate Studies Committee)

Three members of the Graduate Studies Committee (nominated by the Chair of the Graduate Studies Committee):

- ▶ Associate Professor Anthony J Masters

Four SUPRA nominees:

- ▶ varies each meeting

Student Academic Appeals Committee

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

The Chair of the Academic Board:

- ▶ Professor Lawrence Cram

A Deputy Chair of the Academic Board on the nomination of the Chair:

- ▶ Professor Sue Armitage
- ▶ Associate Professor Ros Arnold
- ▶ Professor Les Field
- ▶ Professor Judyth Sachs

Two student Fellows of Senate:

- ▶ Mr Andrew Charlton
- ▶ Mr Tom Clark

Two Fellows of Senate who are not members of the academic staff:

- ▶ vacant

Student Appeals Committee (Exclusions and Re-admissions)

The three ex-officio members:

- ▶ The Chancellor (Emeritus Professor Dame Leonie Kramer)
- ▶ The Deputy Chancellor (Mrs Renata Kaldor)
- ▶ The Vice-Chancellor and Principal (Professor Gavin Brown)

The Chair of the Academic Board:

- ▶ Professor Lawrence Cram

The Deputy Chairs of the Academic Board:

- ▶ Professor Sue Armitage
- ▶ Associate Professor Ros Arnold
- ▶ Professor Les Field
- ▶ Professor Judyth Sachs

The student Fellows:

- ▶ Mr Andrew Charlton
- ▶ Mr Tom Clark

Up to four other Fellows:

- ▶ Ms Jenny Beatson

Student Disciplinary Appeals Committee

The Chancellor:

- ▶ Emeritus Professor Dame Leonie Kramer

The Deputy Chancellor:

- ▶ Mrs Renata Kaldor

The student Fellows:

- ▶ Mr Andrew Charlton
- ▶ Mr Tom Clark

Five other Fellows (not including the Vice-Chancellor):

- ▶ Mr Peter Burrows
- ▶ Dr Gavin Butler

Meetings of the Senate

Attendance at Senate in 2000 was as follows:

	Formal Senate meetings attended	Maximum possible	Senate Colloquia attended*	Maximum possible*
Emeritus Professor Dame Leonie Kramer, AC DBE.....	10	10	3	3
Mrs R R Kaldor.....	10	10	3	3
Professor G Brown.....	10	10	2	3
Professor L E Cram.....	9	10	2	3
Ms J M Beatson.....	9	10	2	3
Mr P I Burrows.....	7	10	2	3
Dr G J Butler.....	9	10	2	3
Mr A H Charlton.....	10	10	3	3
Mr T Clark.....	2	2	0	0
Dr M C Copeman.....	7	10	1	3
Mr G M Cujes.....	7	10	2	3
Dr E A Eyland.....	10	10	3	3
Dr R B Fitzsimons.....	10	10	2	3
Ms L A Frohlich.....	7	8	3	3
Mr K Greene, MP.....	6	10	0	3
The Hon J Hatzistergos, MLC.....	9	10	1	3
Mr D M Hoare.....	9	10	3	3
Ms S P Jamieson.....	10	10	3	3
Mrs D A Kok.....	7	10	2	3
Professor S R Leeder.....	9	10	3	3
Dr K K Macnab.....	10	10	3	3
Mr J A McCarthy, QC.....	10	10	3	3
Ms V Pratt, AM.....	10	10	2	3

*the September Colloquium was held in conjunction with the September formal meeting.

Staffing statistics

Academic staff by level, appointment term and gender, at 31 March 2000

Classification level	Salary range \$	No. of women	% of level who are women	% of women at this level	No. of men	% of level who are men	% of men at this level	Total
Tenured								
Level E & above	93,877+	26	13.33	4.93	169	86.67	20.12	195
Level D	72,877–80,287	50	21.83	9.49	179	78.17	21.31	229
Level C	60,525–69,790	152	34.78	28.84	285	65.22	33.93	437
Level B	49,409–58,673	237	58.66	44.97	167	41.34	19.88	404
Level A	34,587–46,937	62	60.78	11.76	40	39.22	4.76	102
Total		527	38.55	100.00	840	61.45	100.00	1367
Fixed term								
Level E & above	93,877+	15	14.71	4.32	87	85.29	14.95	102
Level D	72,877–80,287	12	17.65	3.46	56	82.35	9.62	68
Level C	60,525–69,790	30	27.78	8.65	78	72.22	13.40	108
Level B	49,409–58,673	118	41.84	34.01	164	58.16	28.18	282
Level A	34,587–46,937	172	46.61	49.57	197	53.39	33.85	369
Total		347	37.35	100.00	582	62.65	100.00	929
University Total		874	38.07	100.00	1422	61.93	100.00	2296

General staff by level, appointment term and gender, at 31 March 2000

Classification level	Salary range \$	No of women	% of level who are women	% of women at this level	No. of men	% of level who are men	% of men at this level	Total No.
Tenured								
HEO 10 & above	60,591+	21	41.18	1.92	30	58.82	3.30	51
HEO 9	56,685–59,812	28	33.73	2.55	55	66.27	6.06	83
HEO 8	48,877–55,124	79	44.89	7.21	97	55.11	10.68	176
HEO 7	43,669–47,575	106	47.32	9.67	118	52.68	13.00	224
HEO 6	39,765–42,888	213	58.84	19.43	149	41.16	16.41	362
HEO 5	34,556–38,722	278	68.98	25.36	125	31.02	13.77	403
HEO 4	31,954–33,775	230	66.09	20.99	118	33.91	13.00	348
HEO 3	28,048–31,172	70	50.36	6.39	69	49.64	7.60	139
HEO 2	26,746–27,527	68	31.78	6.20	146	68.22	16.08	214
HEO 1 & below	<=25,965	3	75.00	0.27	1	25.00	0.11	4
Total		1096	54.69	100.00	908	45.31	100.00	2004
Fixed term								
HEO 10 & above	60,591+	30	46.15	4.87	35	53.85	10.39	65
HEO 9	56,685–59,812	17	58.62	2.76	12	41.38	3.56	29
HEO 8	48,877–55,124	44	57.89	7.14	32	42.11	9.50	76
HEO 7	43,669–47,575	62	59.62	10.06	42	40.38	12.46	104
HEO 6	39,765–42,888	137	64.62	22.24	75	35.38	22.26	212
HEO 5	34,556–38,722	183	73.49	29.71	66	26.51	19.58	249
HEO 4	31,954–33,775	82	68.91	13.31	37	31.09	10.98	119
HEO 3	28,048–31,172	33	66.00	5.36	17	34.00	5.04	50
HEO 2	26,746–27,527	21	67.74	3.41	10	32.26	2.97	31
HEO 1 & below	<=25,965	7	38.89	1.14	11	61.11	3.26	18
Total		616	64.64	100.00	337	35.36	100.00	953
University Total		1712	57.90	100.00	1245	42.10	100.00	2957

Capital Works

Significant projects completed in 2000

Project	Cost
Fume cupboard upgrade.....	\$0.2 million
Eastern Avenue auditorium and lecture theatre complex	\$8.8 million
Power Library of Fine Arts	\$2.2 million
Merewether Building refurbishment	\$1.6 million
Services Building part refurbishment.....	\$3.9 million
Pharmacy Building stage II refurbishment.....	\$2.0 million
Key Centre for Field Robotics.....	\$0.9 million
General teaching space upgrades.....	\$0.9 million
Nepean Lodge stage II.....	\$1.2 million
Butlin Avenue upgrade	\$0.7 million
Institute Building collections venue marketing facility.....	\$0.7 million
Manning Road upgrade	\$0.7 million
PNR Lecture Theatres upgrades.....	\$0.8 million
Key Centre for Polymer Colloids.....	\$0.9 million
Staff Support & Development Unit upgrade	\$0.2 million
Problem-based learning rooms, Blackburn Building.....	\$0.4 million
McIntosh Dissecting Room, Anderson Stuart Building	\$0.2 million
Neurobiology Laboratory, Anderson Stuart Building	\$0.6 million

Significant works initiated or continuing in 2000 and continuing into 2001

Project	Cost
Biological Sciences refurbishment.....	\$4.3 million
Law School refurbishment and essential services upgrade	\$3.3 million
Barrier removal program	\$1.0 million
Student Village.....	\$50 million funded by BOOTS (Build Own Operate and Transfer Scheme)
Darlington Centre.....	\$1.9 million
Heritage restoration program and restoration of Quadrangle Clocktower.....	\$1.6 million
New Economics building.....	\$19.3 million
Lecture theatre refurbishments	\$1.5 million
Rozelle Campus canteen	\$0.2 million
Occupation Health and Safety statutory upgrade (incl Dangerous Goods Stores)	\$0.5 million

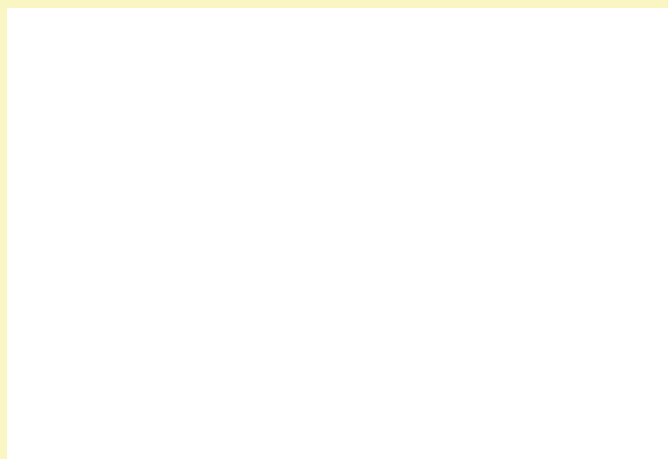


Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come. Photo caption to come.

Freedom of Information

Under the NSW Freedom of Information Act 1989, the University is required to include in its Annual Report information on the processing of requests received by the University. The tables below show the figures for calendar year 2000 with the figures for 1999 given in brackets.

Section A

Numbers of new FOI requests – Information relating to the numbers of new FOI requests received, those processed and those incomplete from the previous period.

FOI requests	Personal	Other	Total
A1 New (incl. transferred in)	17 (24)	1 (5)	18 (29)
A2 Brought forward	0 (0)	0 (0)	0 (0)
A3 Total to be processed	17 (24)	1 (5)	18 (29)
A4 Completed	15 (24)	1 (5)	16 (29)
A5 Transferred out	0 (0)	0 (0)	0 (0)
A6 Withdrawn	1 (1)	0 (0)	1 (1)
A7 Total processed	15 (25)	1 (5)	16 (30)
A8 Unfinished (carried forward)	1 (0)	0 (0)	1 (0)

Section B

What happened to completed requests? (Completed requests are those on line A4)

Result of FOI request	Personal	Other
B1 Granted in full	14 (13)	1 (1)
B2 Granted in part	1 (5)	0 (4)
B3 Refused	0 (5)	0 (0)
B4 Deferred	0 (1)	0 (0)
B5 Completed*	15 (24)	1 (5)

* Note: The figures on line 5 should be the same as the corresponding ones on A4

Section C

Ministerial Certificates – number issued during the period.

C1 Ministerial Certificates issued	0 (0)
------------------------------------	-------

Section D

Formal consultations – number of requests requiring consultations (issued) and total number of formal consultation(s) for the period.

	Issued	Total
D1 Number of requests requiring formal consultation(s)	1 (4)	1 (17)

Section E

Amendment of personal records – number of requests for amendment processed during the period.

Result of Amendment Request	Total
E1 Result of amendment – agreed	0 (0)
E2 Result of amendment – refused	0 (0)
E3 Total	0 (0)

Section F

Notation of personal records – number of requests for notation processed during the period

F1 Number of requests for notation	0 (0)
------------------------------------	-------

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.

Basis of disallowing or restricting access	Personal	Other
G1 Section 19 {applic. incomplete, wrongly directed}	0 (0)	0 (0)
G2 Section 22 {deposit not paid}	0 (0)	0 (0)
G3 Section 25(1)(a1) {diversion of resources}	0 (0)	0 (0)
G4 Section 25(1)(a) {exempt}	1 (9)	0 (3)
G5 Section 25(1)(b), (c), (d) {otherwise available}	0 (0)	0 (2)
G6 Section 28(1)(b) {documents not held}	0 (2)	0 (0)
G7 Section 24(2) {deemed refused, over 21 days}	0 (0)	0 (0)
G8 Section 31(4) {released to Medical Practitioner}	0 (0)	0 (0)
G9 Totals	1 (11)	0 (5)

Section H

Costs and fees of requests processed during the period (ie. those included in lines A4, A5 and A6)

	Assessed Cost	FOI Fees Received
H1 All completed requests	\$345.00	(\$3752.50)
	\$310.00	(\$1047.50)

Section I

Discounts allowed – numbers of FOI request processed during the period where discounts were allowed.

Type of discount allowed	Personal	Other
I1 Public interest	0 (0)	0 (3)
I2 Financial hardship–Pensioner/Child/Student	3 (6)	0 (0)
I3 Financial hardship–Non profit organization	0 (0)	0 (0)
I4 Total	3 (6)	0 (3)
I5 Significant correction of personal records	0 (0)	0 (0)

Section J

Days to process – Number of completed requests (A4) by calendar days (elapsed time) taken to process.

Elapsed Time	Personal	Other
J1 0-21 days	15 (23)	1 (3)
J2 22-35 days	0 (2)	0 (2)
J3 Over 35 days	0 (0)	0 (0)
J4 Totals	15 (25)	1 (5)

Section K

Processing time – Number of completed requests (A4) by hours taken to process.

Processing Hours	Personal	Other
K1 0-10 hours	14 (26)	1 (0)
K2 11-20 hours	1 (0)	0 (2)
K3 21-40 hours	0 (0)	0 (1)
K4 Over 40 hours	0 (0)	0 (1)
K5 Totals	15 (26)	1 (4)

Section L

Review and Appeals – number finalised during the period.

L1 Number of internal reviews finalised	0 (6)
L2 Number of Ombudsman reviews finalised	0 (0)
L3 Number of District Court appeals finalised	0 (0)

Details of Internal Review Results – in relation to reviews finalised during the period.

Bases of Internal Review	Personal		Other	
	Upheld*	Varied*	Upheld*	Varied*
L4 Access Refused	0 (1)	0 (0)	0 (0)	0 (0)
L5 Deferred	0 (0)	0 (0)	0 (0)	0 (0)
L6 Exempt matter	0 (1)	0 (2)	0 (1)	0 (1)
L7 Unreasonable charges	0 (0)	0 (0)	0 (0)	0 (1)
L8 Charge unreasonably incurred	0 (0)	0 (0)	0 (0)	0 (0)
L9 Amendment refused	0 (0)	0 (0)	0 (0)	0 (0)
L10 Totals	0 (2)	0 (2)	0 (1)	0 (2)

* Note: relates to whether or not the original agency decision was upheld or varied by internal review.

Freedom of Information continues to have little overall impact on the University's activities. Access to documents is generally granted on the basis of informal administrative process.

There were no official investigations carried out by the Ombudsman during the year, nor were any matters referred to the NSW Administrative Decisions Tribunal (ADT). One preliminary investigation carried out by the NSW Ombudsman was not pursued and a matter referred to the ADT in 1999 was resolved without further hearings.

NSW Privacy and Personal Information Protection Act

Section 33(3) of the NSW Privacy and Personal Information Protection Act 1998 (the Act) requires the University to report on the actions it has taken to comply with the Act and to provide statistical details of any review conducted by or on its behalf.

A significant feature of the Act is the requirement for all NSW public sector agencies to prepare a Privacy Management Plan. The University's Privacy Management Plan sets out the policies and practices it has adopted to ensure compliance with the Act. It provides details on how the policies and practices are to be disseminated throughout the University, and also details the procedures adopted by the University to deal with applications for internal review of complaints regarding privacy matters.

Some of the matters addressed found in the Privacy Management Plan in response to the Privacy and Personal Information Protection Act included:

- ▶ Privacy notices were added to electronic and hardcopy forms used to collect personal information;
- ▶ Privacy statements were developed for the University's web sites;
- ▶ Warnings against the unauthorised disclosure of personal information were added to login screens of major computer systems;
- ▶ The University's official file covers were amended to include a reminder to staff of the requirements of the Act;
- ▶ An awareness and training program on the Act and privacy related matters was initiated;
- ▶ Copies of the Privacy Management Plan were disseminated widely;
- ▶ A Privacy website containing links to the Privacy Management Plan and related information was established. See: <http://www.usyd.edu.au/arms/privacy/>

The Plan itself was the product of information gathered in a detailed privacy audit and through consultation with relevant University staff. Two senior members of staff of the University's Archives and Records Management Services attended training courses presented by Privacy NSW. Subsequently, the Manager of Archives and Records Management Services was invited by the NSW Privacy Commissioner, Mr Chris Puplick, to be member of the newly established Privacy Roundtable.

Reviews conducted under Part 5 of the Act

No reviews were conducted by or on behalf of the University during the year.



Risk management

The Risk Management Office coordinates the occupational health and safety (OHS), injury management, and insurance programs for the University community.

Training and information

Training of staff continued to be a high priority for risk management. Courses were conducted for OHS Committee members and for numerous specific risk areas, including laboratory safety, emergency control, driver safety and first aid.

Increased attention was given to training in office ergonomics and specific task manual handling practices. A new Office Ergonomics training package was developed and used to inform staff about prevention of manual handling and overuse injuries, particularly in areas with a record of recurring incidents.

Newsletters were published and safety forums held quarterly to disseminate information on topical risk management issues within the University. The extensive Risk Management Office Website was redesigned and now includes ergonomic guidelines and the new incident report form.

Hazardous substances

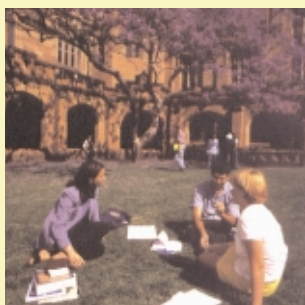
A new fileserver was set up to run Chem Alert II, the University's hazardous substances database. This database, which provides material safety information for substances used in the University, is now available on the intranet with access via a Web browser.

The new flammable liquids store to service the Blackburn Building began operation and the major volumes of flammable liquids and hazardous waste are now held in the store. Planning also commenced for new flammable liquid and gas cylinder stores to service the Heydon Laurence building.

Emergency management

The Emergency Management Committee provides a key mechanism for monitoring and improving emergency management in consultation with the emergency services. Training was provided to familiarise local fire brigades with the environment and likely emergency scenarios on the Camperdown campus. A "Disaster Recovery Plan" was developed at the request of the Department of Community Services to provide a refuge within the University for victims of a large-scale disaster in the Sydney East district.

In consultation with the Facilities Management Office, priorities were set for ongoing improvements to fire detection and warning systems in University buildings. The program of training emergency wardens and testing building evacuation procedures continued.



OHS consultation

Advice was given on a wide range of OHS issues of concern to the University community. Professional OHS support for and interaction with the OHS Committees was maintained. These Committees continued their work in monitoring OHS through a program of workplace inspections and consultation with staff, and seeking to have local OHS issues resolved.

The Peter Dunlop Memorial OHS Award for 2000 went to Pierre St.Just of the Conservatorium of Music for his contribution to improving workplace OHS at the Conservatorium and across the wider University over many years.

Injury management

Efficient registration and control of 322 cases on the injury management database resulted in excellent return to work rates, with 92 per cent of all cases returning to work after illness or injury. The most common injuries resulted from cumulative/repetitive work at 43 per cent and manual handling at 17 per cent.

Early response by injury management professionals to enquiries from staff with concerns and symptoms resulted in an increased proportion of "early intervention cases" and a corresponding decrease in workers' compensation cases and claims. Prompt identification of suitable duties for injured employees was given a high priority to enhance recovery time and minimise associated costs.

Liaison with various departments in relation to 17 Injury Management Projects has resulted in the redesign of storage areas, purchase of safer equipment, and staff training programs tailored to the areas involved.

Insurance

There were four major insurance claims in 2000.

- ▶ A fire occurred in the Mechanical Engineering building in May, resulting in damage estimated at \$435,000. The fire was caused by spontaneous combustion of chemicals.
- ▶ Lightning damage to various buildings occurred in September, resulting in damage estimated at \$150,000.
- ▶ Water damage from a burst pipe in the Chemical Engineering building in September caused damage estimated at \$200,000.
- ▶ Freezer contents were spoiled when a freezer in Anatomy & Histology broke down, with damage estimated at \$58,000.

The University's insurance program was successfully renewed in December. The key elements of the program remain with Unimutual, the body that currently places insurance for 27 universities in Australia and New Zealand. The workers' compensation insurance policy was renewed with Allianz Australia Ltd.

Publications about the University of Sydney

Available from the Publications Office

- ▶ Annual Report 2000
- ▶ The University of Sydney Gazette x 2 volumes per year – a magazine for graduates
- ▶ The University of Sydney News 2000 x 22 issues per year, providing news and information about the University. (Includes two special editions of international news and one special edition for prospective students.)
- ▶ The University of Sydney Bulletin Board x 26 issues in 2000 – notices, vacancies and other official information
- ▶ Research at the University of Sydney

Available from the Planning Support Office

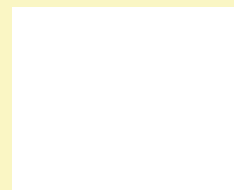
- ▶ The University of Sydney Strategic Plan 1999–2004

Available from the International Office

- ▶ Exchange program DL brochure 2001
Information for local students about exchange programs with overseas universities)
- ▶ Graduate Faculty Programs 2001x 15 volumes: Agriculture, Architecture, Arts, Dentistry, Economics and Business, Education, Engineering, Health Sciences, Law, Medicine, Nursing, Pharmacy, Science, Sydney College of the Arts, Sydney Conservatorium of Music, Veterinary Science (also available from faculties and colleges).
- ▶ Prospectus – general information about the University and its undergraduate courses for international students.
- ▶ Postgraduate Programs 2001
- ▶ General information about the University and its graduate courses for international students

Available from the Student Centre

- ▶ The University of Sydney Calendar 2000 – statutes and regulations governing the University and details of senior staff
- ▶ Course information DL brochures: Agriculture, Architecture, Arts, combined degrees (including Arts/Law, Science/Law, Nursing/Arts, Nursing/Science), Computer Science, Dentistry, Education, Health Sciences, Law, Liberal Studies, Medical Science, Nursing, Pharmacy, Postgraduate Music, Psychology, Social Work, Sydney Conservatorium of Music, Veterinary Science, Visual Arts (also available from faculties and colleges).
- ▶ General information DL brochures x 5 brochures: Mature Age Entry, Scholarships, Admissions, Accommodation (also available from faculties and colleges).



- ▶ Postgraduate Studies Coursework and Research Handbooks 2001– general information for graduate students about regulations and services
- ▶ Undergraduate faculty handbooks 2001x 15 volumes: Agriculture, Architecture, Arts, Dentistry, Economics and Business, Education, Engineering, Health Sciences, Law, Music, Nursing, Pharmacy, Science, Social Work, Sydney Conservatorium of Music, Veterinary Science
- ▶ Undergraduate programs 2001– general information about the University and its undergraduate courses for local students (also available from the Marketing and Student Recruitment Office).
- ▶ University of Sydney Map Guide
Available from the Scholarships Unit
- ▶ Scholarships brochure – details of the University's scholarships for first-year students.

Other publications

- ▶ Continuing Education Program x 4 per year – a seasonal program, available from the Centre for Continuing Education
- ▶ Faculty of Health Sciences Undergraduate and Postgraduate Handbooks 2001
Available from the Cumberland campus
- ▶ Faculty of Rural Management Handbook 2001
Available from the Faculty
- ▶ Statistics
Available from the Statistics Unit
- ▶ Sydney College of the Arts Handbook 2001
Available from the College

*Please note that most of the University's publications are also available on the Web at www.usyd.edu.au.

Index



Index

A		K	
Academic Board.....	7, 16, 35	Key Research Centres.....	46
Access.....	18	L	
Art Collection.....	38	Library.....	15, 22
ARC Special Research Centres.....	46	M	
Australian Graduate School of Management.....	32	Management initiatives.....	32–36
B		Management systems.....	34
Business Liaison Office.....	29	Memoranda of understanding.....	51
C		Museums.....	38
Capital development program.....	18, 33, 55	O	
Careers Centre.....	30	Officers, principal.....	10–11
Centre for the Mind.....	3	P	
Chancellor's report.....	5	Peace Prize, Sydney.....	40
Charter.....	1	Privacy and Personal Information Protection Act.....	57
Code of conduct.....	35	Publications about the University.....	59
College of Health Sciences .. 12, 13, 16, 19, 22, 27, 30, 36, 40, 45, 47		R	
College of Humanities and Social Sciences .. 12, 13, 17, 19, 23, 27, 31, 36, 40, 45, 47		Research.....	20–23
College of Sciences and Technology 12, 13, 17, 19, 27, 31, 36, 40, 45, 47		centres.....	21, 45–46
Community links.....	28–31, 37–40	Rhodes Scholarships.....	15
Continuing education.....	18, 39	Risk management.....	58
Cooperative Research Centres.....	21, 46	Role and values.....	1
Corruption prevention.....	35	S	
Cultural diversity.....	18, 43	Scholarships.....	14, 24
D		Schools of the University.....	47
Deans.....	14	Senate	
Departments.....	47	attendance at meetings.....	53
Diversity.....	18	Committees.....	52
E		Fellows.....	8–9
Enrolments.....	14, 41	Senior officers (see Officers).....	10–11
international.....	24	Seymour Theatre Centre.....	38
Employee relations.....	33	Sport.....	39
Environment.....	34	Staff statistics.....	54
Equal Employment Opportunity (EEO).....	33	Staff awards.....	48
Equity.....	18, 33	Strategic Partnerships with Industry– Research and Training (SPIRT) grants.....	28
Exchange programs.....	24, 51	Strategic Plan.....	32
F		Structure, academic and administrative	12, 32, 47
Facts at a glance.....	4	Student Information System.....	15, 34, 35
Faculty		Student services.....	18, 43
listing.....	12, 13, 47	Student statistics.....	41–42
Freedom of information.....	56	Summer School.....	16
G		Supplementary section.....	41–59
Goals.....	1	T	
Governance structure of the University.....	12	Teaching.....	14–17
Grants		Teaching awards.....	15
Australian Research Council grants.....	20	U	
National Health and Medical Research Council grants.....	21	University medallists.....	50
Guarantee of service and handling of complaints.....	35	University of Sydney Sports Union.....	39
H		University of Sydney Union.....	39
Highlights.....	2–3	University Plan.....	32
Honorary degrees.....	37, 49	V	
I		Vice-Chancellor's Report.....	6–7
Indigenous education.....	19		
Industry and professional links.....	28–31		
Information technology.....	15, 30, 34		
Institute for Teaching and Learning.....	16		
International.....	24–27		
memoranda of understanding.....	51		
scholarships.....	24		
student exchange agreements.....	51		
visitors.....	25		

The address of the University is:

The University of Sydney

NSW 2006 Australia

Telephone: (02) 9351 2222

Web site: www.usyd.edu.au

Hours of opening

Switchboard: Monday–Friday, 8.30am–5pm

Fisher Library (during semester)

Monday–Thursday: 8.30am–10pm

Friday: 8.30am–8pm

Saturday: 9am–5pm

Sunday: 1pm–5pm

Library hours outside semester vary throughout the year.

University of Sydney Union facilities

(during semester): 7.30am–7.30pm

Hours for specific services vary.

Non-semester opening hours are reduced and vary throughout the year.

Many offices of the University are open beyond the above times. To check opening times, please telephone the unit or department you wish to visit.

This Annual Report was produced by the Publications Office of the University of Sydney in April 2001.

Design by Pro Bono Publico Pty Ltd

Printed by Printing Headquarters

Print run and cost: 1,500 at \$11.30

ISSN 0313-4474

© The University of Sydney 2000

For further copies of this report, please contact the Publications Office, A14, University of Sydney 2006. Phone +61 2 9351 7595, fax +61 2 9351 3289, e-mail: lmara@extrels.usyd.edu.au.

The Annual Report is also available on the University's Web site at <http://www.usyd.edu.au/about/index.html>



2000 Annual Financial Report and
Independent Audit Report



The University of Sydney



BOX 12 GPO
SYDNEY NSW 2001

INDEPENDENT AUDIT REPORT THE UNIVERSITY OF SYDNEY

To Members of the New South Wales Parliament and Members of the Senate of The University of Sydney

Scope

I have audited the accounts of The University of Sydney for the year ended 31 December 2000. The financial report includes the consolidated financial statements of the consolidated entity comprising the University and the entities it controlled at the year's end or from time to time during the financial year. The members of the Senate of The University of Sydney are responsible for the financial report consisting of the accompanying statements of financial position, statements of financial performance and statements of cash flows, together with the notes thereto and the information contained therein. My responsibility is to express an opinion on the financial report to Members of the New South Wales Parliament and members of the Senate of the University based on my audit as required by sections 34 and 41C(1) of the *Public Finance and Audit Act 1983* (the Act).

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

These procedures have been undertaken to form an opinion whether, in all material respects, the financial report is presented fairly in accordance with the requirements of the Act, Accounting Standards, the mandatory disclosure requirements of the Guidelines for the Preparation of Annual Financial Reports for the 2000 Reporting Period by Australian Higher Education Institutions issued pursuant to the *Higher Education Funding Act 1988* (Guidelines) and other mandatory professional reporting requirements, in Australia, so as to present a view which is consistent with my understanding of the University's and the consolidated entity's financial position, the results of their operations and their cash flows.

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

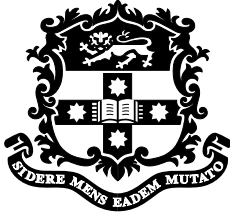
Audit Opinion

In my opinion, the financial report of The University of Sydney complies with section 41B of the Act and presents fairly in accordance with applicable Accounting Standards, the mandatory disclosure requirements of the Guidelines and other mandatory professional reporting requirements, the financial position of the University and the consolidated entity as at 31 December 2000 and the results of their operations and their cash flows for the year then ended.

A handwritten signature in black ink, appearing to read 'A. T. Whitfield'.

A T WHITFIELD
DEPUTY AUDITOR-GENERAL

SYDNEY
26 April 2001



The University of Sydney

STATEMENT BY APPOINTED OFFICERS

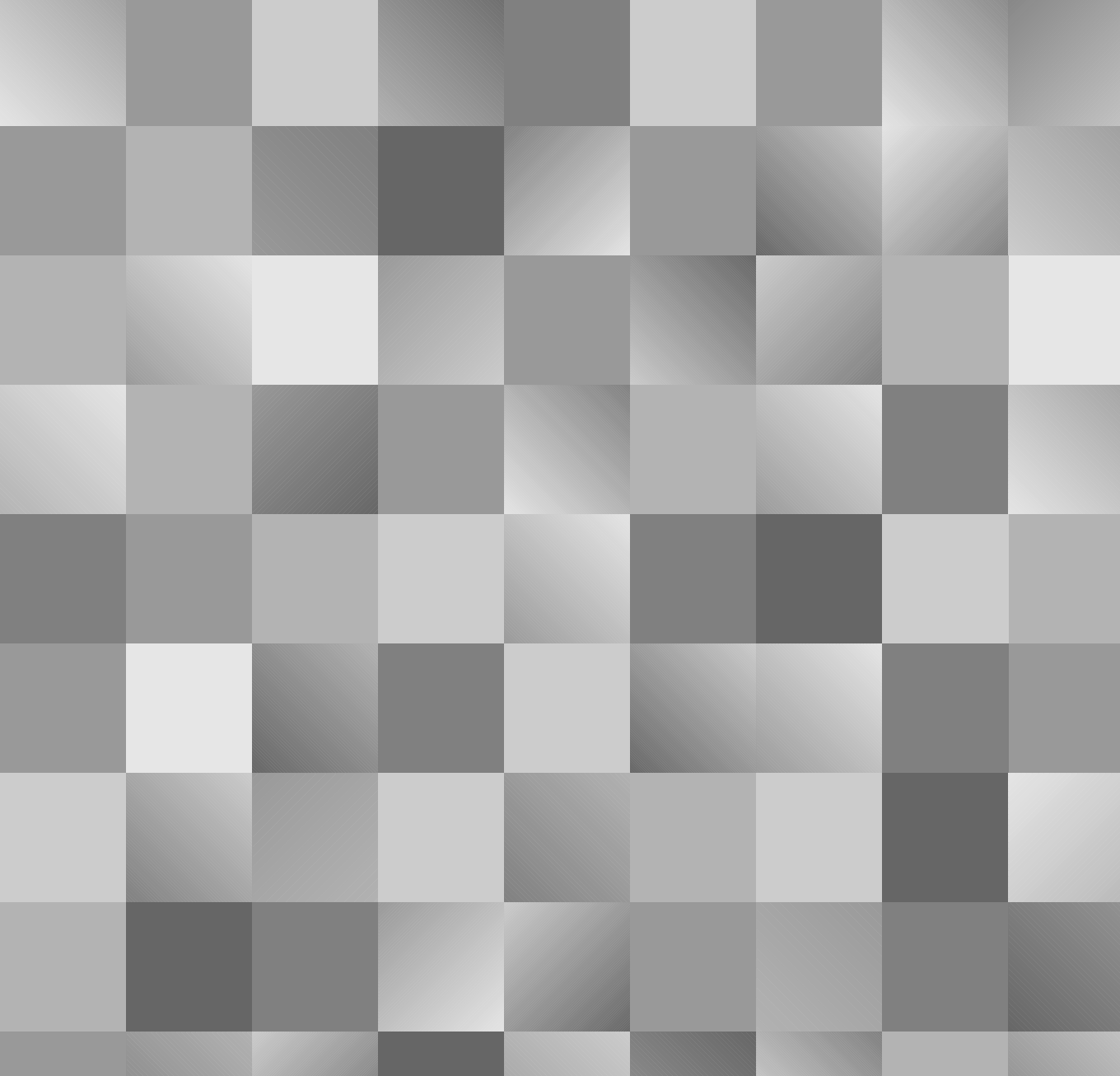
In accordance with a resolution of the Senate of The University of Sydney dated 4 February 1991 and pursuant to Section 41C (1B) and (1C) of the Public Finance and Audit Act 1983, we state that:

1. The financial reports present a true and fair view of the financial position of the University at 31 December 2000 and the results of its operations and transactions of the University for the year then ended;
2. The financial reports have been prepared in accordance with the provisions of the New South Wales Public Finance and Audit Act 1983 and the Commonwealth Guidelines for the Preparation of Annual Financial Reports for the 2000 Reporting Period by Australian Higher Education Institutions;
3. The financial reports have been prepared in accordance with Australian Accounting Standards, Consensus views of the Urgent Issues Group and other mandatory professional reporting requirements.
4. We are not aware of any circumstances which would render any particulars included in the financial reports to be misleading or inaccurate.
5. There are reasonable grounds to believe that the University will be able to pay its debts as and when they fall due; and,
6. The amount of Commonwealth grants expended during the reporting period was for the purposes for which it was granted.

Dame Leonie Kramer, AC DBE
Chancellor

David Hoare
Chair, Finance Committee

20 APR 2001



2000 Annual Financial Report

Statement of Financial Performance for the Year Ended 31 December 2000

	Notes	Economic Entity (Consolidated)		Parent Entity (University)	
		2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Operating result	2	26,205	22,130	26,769	22,157
Abnormal items	3	42	1,773	0	0
Operating result - after abnormal items		26,247	23,903	26,769	22,157
Accumulated funds at the beginning of the financial year		108,889	147,596	104,549	144,324
Adjustment to retained accumulated funds at 1 January 1999 as a result of the treatment in terms of AAS 15 of grants received in advance as non-reciprocal grants		0	19,332	0	19,332
Accumulated funds after adjustments		135,136	190,831	131,318	185,813
Transfers (to) / from reserves					
Appropriation to reserves	20	(69,043)	(98,191)	(68,977)	(97,512)
Appropriation from reserves	20	420,397	16,249	420,331	16,248
Transfers (to) / from reserves		351,354	(81,942)	351,354	(81,264)
Accumulated funds at the end of the financial year		486,490	108,889	482,672	104,549



Statement of Financial Position as at 31 December 2000

	Notes	Economic Entity (Consolidated)		Parent Entity (University)	
		2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Current Assets					
Cash		6,209	6,382	5,289	5,482
Inventories	1.6, 6	641	537	104	126
Receivables	1.6, 7	38,408	31,791	37,858	31,111
Investments	1.6, 8	110,070	113,727	110,524	114,163
Other	1.6, 9	531	325	531	325
Total Current Assets		155,859	152,762	154,306	151,207
Non Current Assets					
Investments	1.6, 8	615,843	577,277	621,643	583,077
Amounts owing by Commonwealth/State Governments	10	173,256	262,593	173,256	262,593
Property, plant and equipment	1.6, 11	1,103,927	1,109,819	1,097,374	1,102,993
Heritage assets	1.6, 12	150,678	150,328	144,164	143,874
Library	1.6, 13	501,234	501,846	501,217	501,820
Capital work in progress	1.6, 14	34,653	27,642	34,653	27,642
Other non-current assets	1.6, 15	1,951	2,610	1,951	2,610
Intangibles	1.9, 16	787	580	787	580
Joint ventures interest	1.13, 23	69	39	69	39
Associates interest	1.14, 24	6,561	1,733	0	1,733
Total Non-Current Assets		2,588,959	2,634,467	2,575,114	2,626,961
Total Assets		2,744,818	2,787,229	2,729,420	2,778,168
Current Liabilities					
Accounts payable	1.7, 17	44,346	48,485	42,271	47,551
Other	18	6,342	6,838	6,342	5,903
Provisions	19	28,526	22,364	28,371	22,171
Total Current Liabilities		79,214	77,687	76,984	75,625
Non-Current Liabilities					
Provisions	19	279,963	365,831	279,843	365,788
Total Non-Current Liabilities		279,963	365,831	279,843	365,788
Total Liabilities		359,177	443,518	356,827	441,413
Net Assets		2,385,641	2,343,711	2,372,593	2,336,755
Equity					
Reserves	1.12, 20	1,899,151	2,234,822	1,889,921	2,232,206
Accumulated funds		486,490	108,889	482,672	104,549
Total Equity		2,385,641	2,343,711	2,372,593	2,336,755

Statement of Cash Flows for the Year Ended 31 December 2000

	Notes	Economic Entity (Consolidated)		Parent Entity (University)	
		2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Cash flows from operating activities					
Inflows:					
Grant revenue					
Commonwealth Government		307,305	296,255	307,305	296,201
New South Wales State Government		7,660	6,626	6,323	4,624
Higher Education Contribution Scheme					
Student payments		21,632	19,615	21,632	19,615
Commonwealth payments		73,345	71,979	73,345	71,979
Fees and charges		103,687	100,279	96,011	95,895
Research		48,080	18,106	48,080	18,106
Dividends received		2,276	2,090	2,276	2,090
Interest		30,504	33,529	30,458	33,529
Other investment income		12,138	6,258	12,138	6,226
Scholarships and prizes		1,749	2,109	1,749	2,122
Donations and bequests		15,750	18,106	15,732	17,160
Other		44,940	51,297	45,013	49,375
Outflows:					
Salaries		(361,073)	(384,777)	(360,716)	(381,608)
Other expenses (including payments from		(226,944)	(243,668)	(218,276)	(237,420)
Leases		(1,087)	(1,360)	(1,087)	(1,360)
Net cash provided/(used) by operating	26.2	<u>79,962</u>	<u>(3,556)</u>	<u>79,983</u>	<u>(3,466)</u>
Cash flows from investing activities					
Inflows:					
Proceeds from sale of investments		174,211	261,352	174,211	261,352
Rental income		6,075	6,194	6,075	6,194
Proceeds from the sale of equipment		2,617	347	2,617	347
Outflows:					
Purchases of property, plant and equipment		(66,438)	(51,148)	(65,672)	(51,148)
Purchases of long term investments		(200,970)	(294,820)	(200,970)	(294,336)
Net cash provided/(used) in investing activities		<u>(84,505)</u>	<u>(78,075)</u>	<u>(83,739)</u>	<u>(77,591)</u>
Cash flows from financing activities					
Inflows:					
Proceeds for building development		0	268	0	0
Outflows:					
Net cash provided/used by financing activities		<u>0</u>	<u>268</u>	<u>0</u>	<u>0</u>
Net increase/(decrease) in cash held		<u>(4,543)</u>	<u>(81,363)</u>	<u>(3,756)</u>	<u>(81,057)</u>
Cash at beginning of reporting period		115,488	196,851	113,688	194,745
Cash at end of reporting period	26.1	<u>110,945</u>	<u>115,488</u>	<u>109,932</u>	<u>113,688</u>



Note Contents

1	Summary of significant accounting policies
2	Operating result
3	Abnormal items
4	Remuneration of executives
5	Remuneration of auditors
6	Inventories
7	Receivables
8	Investments
9	Other current assets
10	Amounts owing by Commonwealth / State Governments
11	Property, plant and equipment
12	Heritage assets
13	Library collections
14	Capital works in progress
15	Other non-current assets
16	Intangibles
17	Accounts payable
18	Other current liabilities
19	Provisions
20	Reserves
21	Commitments for expenditure
22	Superannuation plans
23	Joint venture operations
24	Associated entities
25	Controlled entities
26	Notes to the statement of cash flows
27	Financial instruments
28	Non cash financing and investment activities
29	Financing facilities and balances
30	Contingent liabilities
31	Remuneration of Directors
32	Revenue recognition
33	Acquittal of commonwealth government grants and the higher education contribution scheme
34	Expenses by function

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

1. Summary of significant accounting policies

General statement of accounting policies

This general purpose financial report has been prepared in accordance with The Public Finance and Audit Act 1983, the Public Finance and Audit Regulation 2000, Australian Accounting Standards and other authoritative pronouncements of the Public Sector Accounting Standards Board and/or the Australian Accounting Standards Board, the Urgent Issue Group Consensus Views, The Department of Education, Training and Youth Affairs - Guidelines for the Preparation of Annual Financial Reports by Australian Higher Education Institutions (this includes the preparation of the Financial Report along with full acquittal of grants in the notes).

The financial report has been prepared on an accrual accounting basis and on the basis of historical costs and except where stated, does not take into account changing money values or current valuations of non-current assets. The accounting policies have been consistently applied and except where there is a change in accounting policy, are consistent with those of the previous year. Where necessary, comparative information has been reclassified to achieve consistency in disclosure with current financial year amounts and other disclosures.

Changes to significant accounting policies

The University has treated operating grants received in one accounting period in advance for the next as non-reciprocal. This approach adopts the view that the operating grants should be treated as revenue in the year of receipt. This is consistent with AAS 15. An alternative view that the amounts of operating grant received in advance are reciprocal and should be treated as revenue in advance has not been adopted. The approach adopted resulted in an adjustment to opening accumulated funds of \$19,332M in respect of the grants for 1999 received in 1998.

In 1999 the University brought to account an expense of \$9.6M for academic leave entitlements for the first time, this comprised accumulated leave balances, up to a maximum of one year's entitlement, for all academic staff. This was brought to account as a result of the Enterprise Agreement (Academic and Teaching Staff), entered into in 1999.

The University has a number of reserves, as detailed in note 1.11 and note 20, for which the balances have been transferred to accumulated funds. The reserves are road closure, capital works, equipment, other and revenue asset reserve. In addition the University had a reserve called asset realisation and an initial valuation reserve which have been consolidated into one reserve titled initial valuation reserve. Also the asset revaluation reserve and the investment revaluation reserve have been consolidated into one reserve titled asset revaluation reserve.

During 2000 the University undertook an extensive stocktake of fixed assets. The aim of the stocktake was to provide a basis for review of the fixed asset register and general ledger so that inconsistencies between each could be corrected. Where inconsistencies were identified these were followed up with departments and where necessary corrections made to either the fixed asset register or the general ledger. In presenting the details in note 11, the plant and equipment category was further categorised into plant and equipment, motor vehicles and computers. The total adjustment between the fixed asset register and the general ledger resulted in a write off totaling \$3,819,857, in addition the University wrote off a loss on its milk quota of \$224,025 and made losses on disposal of equipment in 2000 of \$10,318,064 for a total write off of \$14,361,946.

1.1 Principles of consolidation

The consolidated financial report is prepared in accordance with AAS 24 "Consolidated Financial Reports". The University of Sydney is the economic entity with the following controlled entities: The Museum of Contemporary Art Limited, Wentworth Annexe Limited, Rural Australia Foundation Limited and U.O.S.Superannuation Pty Limited (refer note 25).

1.2 Insurance

The University and its controlled entities have insurance policies for coverage of properties, public liability, professional indemnity, directors and officers, personal accident/travel, motor vehicles, workers compensation, aviation liability, principal controlled contract works, marine hull, livestock, transit and crops. There are elements of self insurance within the overall insurance program.

1.3 Tax status

The activities of the University are exempt from income tax.

1.4 Revenue recognition

The University's operating activity income consists of Commonwealth grants, Higher Education Contribution Scheme, NSW State Government grants, Other research grants and contracts, Investment income, and Fees and charges. Apart from the Deferred income - government contribution to superannuation, the remaining balance of income is from outside operating activities. The University has treated the operating and research income received from the commonwealth in 2000 in advance for the the year 2001, as income in the year of receipt. Revenue is recognised where it can be reliably measured in the period to which it relates. However where there is not an established pattern of income, revenues are recognised on a cash receipt basis.

Operating grants in advance - In accordance with AAS15 DETYA operating grants which are received in advance of the period for which they are appropriated are recognised as revenue in the period in which funds are received, except for payments from the Higher Education Trust Fund where the advance for the next year has been treated as income in advance.

Interest – Interest revenue is recognised as it accrues.



Notes to the Financial Reports for the Year Ended 31 December 2000

Rental income – Rental income is recognised as it accrues over the period that the properties are leased to third parties.

Asset sales – The gross proceeds of asset sales are included as revenue, and profit or loss on sale recognised, when an unconditional contract of sale is signed.

Other revenue – Revenue recognition policies for investment income are described in Note 1.6.

Dividend – The amount of dividend revenue received for the year.

1.5 Goods and services tax

Costs incurred to update existing systems or to design, develop and implement new systems to deal with the Goods and Services Tax (GST) are charged as an expense as incurred, except where they result in an enhancement of future economic benefits and are recognised as an asset. 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 expense.

Receivables and payables are stated with the amount of GST included.

The net amount of GST recoverable from, or payable to, the ATO is included as a current asset or liability in the balance sheet. 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.

1.6 Valuation of assets

Investments

All investments are initially brought to account at cost and subsequently carried at market value. Increases or decreases in the value of current asset investments are reflected as investment gains or losses, respectively, in the operating statement in the period in which they arise. Increases in the value of non current assets investments are required by Accounting Standards to be credited directly to the asset revaluation reserve unless they are reversing a previous decrement charged to the operating statement in which case the increment is credited to the operating statement. Decreases in the value of non current assets investments are charged as investment losses in the operating statement unless they reverse a previous increment credited to asset revaluation reserve in which case the decrement is debited to the asset revaluation reserve.

Land

Land was independently valued as at 1996 by the New South Wales Valuer-General's Office at current market price subject to any restrictions. With the application of AAS 38 for the 2001 reporting period the University intends to value its land every three years.

Buildings

Valuations for the University buildings were provided by independent valuers from the New South Wales Valuer-General's Office in December 1996. All buildings were valued at written down replacement cost for the modern equivalent. With the application of AAS 38 for the 2001 reporting period the University intends to value its buildings every three years. Based on figures provided by the New South Wales Valuer-General's Office the University buildings have been insured at replacement cost of \$1,354,320,930.

Infrastructure

Infrastructure includes roadways, paths and paving, ovals, playing fields, perimeter fencing, boundary gates, farm fencing (wire, electric or post and rail), water supply, electricity, gas, and telecommunications services, sewerage, drainage, bridges, pedestrian ramps, surface carparks, power generation plants, reservoirs, dams and landscaping which were independently valued in December 1996 by the New South Wales Valuer-General's Office at written down replacement cost. With the application of AAS 38 for the 2001 reporting period the University intends to value its land every three years.

Plant and equipment

The University's plant and equipment are recorded at historical cost. All such items in excess of \$5,000 have been capitalised.

Motor vehicles

The University's motor vehicles are recorded at historical cost.

Heritage assets

Valuations for the University's heritage assets were provided by the curators of each collection. The valuation was at 31 December 1998 and is based on current market value using a combination of prices at auction of similar works and the curator's experience. Where assets are valued in a foreign currency they are translated into \$A equivalent at reporting date. These assets are not subject to depreciation. The University intends to value its heritage assets every three years.

Library

Valuations for the University's libraries were provided by University librarians. The University's research and undergraduate collections were capitalised as at 31 December 1998 based on 1997 price indexed to 1998 prices to reflect current market value. With the application of AAS38 for the 2001 reporting year the University intends to value its libraries every three years. The undergraduate collection only has been subject to depreciation; the research collection does not diminish in value because of the nature of the collection and as a result has not been depreciated.

Notes to the Financial Reports for the Year Ended 31 December 2000

Capital works in progress

Capital works in progress represent the cost of unoccupied and incomplete building projects at year end.

Milk quota

In 1999 the University valued its milk quota on "quota exchange", that is litres per period, as at year end. As a result of dairy deregulation, the Dairy Adjustment Authority advised the University that in principle the University can expect to receive \$901,809 compensation. This compensation amount has been accrued and the difference between the carrying amount of \$1,126,000 and the compensation has been treated as a loss.

Livestock

Livestock was valued by independent valuers at current market prices at year end.

Inventories

Inventories consist of store stock. Inventories are valued at cost. Costs have been assigned to inventory quantities on hand at balance date using the first in first out basis.

Receivables

All debtors are recognised at the amounts receivable and are due for settlement in no more than 30 days. 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.

1.7 Accounts payable

Accounts payable including accruals not yet billed, represent liabilities for goods and services provided to the economic entity prior to the end of the financial year and which are unpaid. These amounts are unsecured and are usually settled within 30 days of recognition.

1.8 Foreign currency transactions

Foreign currency transactions are translated into Australian currency at rates of exchange ruling at the dates of the transactions. Amounts receivable and payable in foreign currency at balance date are translated at the rates of exchange ruling on that date. Exchange differences relating to amounts payable and receivable in foreign currencies are brought to account as exchange gains or losses in the operating statement.

1.9 Research and development/Intangibles

The University in the course of its normal operations expends substantial sums on pure and applied research along with training and development activities consistent with its strategic plans and subject to budgetary constraints. Such sums are included as expenditure within the statement of financial performance. If a commercial advantage arises a patent is taken out, the costs of which are capitalised. If there is no exploitation of the patent it is written off.

1.10 Employees entitlements

Employee entitlements comprising annual leave, long service leave and superannuation benefits together with related oncosts have been fully provided. The total liability in respect of employee entitlements has been brought to account, in accordance with AAS30.

(i) Annual leave

Liabilities for annual leave are recognised and measured as to the amount unpaid at the reporting date at current pay rates in respect of employees' service up to that date. Staff accrue leave entitlements at the rate of 20 working days per annum. Academic leave entitlement was brought to account for the first time in 1999. Accrued annual leave is treated as a current liability.

(ii) Long service leave

A liability for long service leave is recognised, and is measured using the nominal method based on services provided by employees up to the reporting date. Staff accrue 3 months long service leave after 10 years service and 4.5 months after 15 years service and a further 0.5 of a month every year thereafter. Accrued long service leave is treated as a non current liability.

(iii) Superannuation

The University provides for superannuation based on information and formulae provided by the Superannuation Administration Corporation in respect of contributors to the defined benefit schemes administered by the SAS Trustee Corporation. These schemes include the State Superannuation Scheme, the State Authorities Superannuation Scheme and the State Authorities Non-Contributory Scheme. In addition the University contributes to the Superannuation Scheme for Australian Universities which is a fully funded defined benefits scheme. The University also contributes to the University of Sydney Professorial Superannuation System.

1.11 Depreciation

Depreciation is calculated on a straight line basis. The depreciation rates are based on the estimated useful lives of the various classes of assets employed. Pro-rata depreciation is charged in the year of purchase and disposal.



Notes to the Financial Reports for the Year Ended 31 December 2000

Depreciation rates by class of assets are as follows: -

	Per annum
Plant and equipment	10%
Computing equipment	25%
Motor vehicles	5%
Buildings	2%
Library undergraduate collection	20%
Leasehold improvements	2%
Infrastructure	
Roads, pathways, bridges, paving, gates, fencing	2%
Water, sewerage and gas reticulation	2%
Electrical reticulation	2%
Landscaping	2%
Storm water reticulation	2%
Telecommunications	2%
Data communications	2%

The depreciation rates shown and applied to infrastructure assets are consistent with those applied in 1999. The University has reviewed its infrastructure assets and arranged them into the above categories with the intention of seeking valuations on each category when the next major valuation is undertaken as at December 2001. This will provide sufficient detail and a basis for any revision of depreciation rates for each of the categories.

1.12 Reserves (see note 20)

The University has the following reserves: -

Equipment and capital projects reserves

In 2000 the balances held in these reserves were transferred to accumulated funds.

Asset realisation reserve

This reserve was created in 1994 as a result of the transfer of properties between the University and the Department of School Education. The transaction did not involve any cash transactions. In 2000 the University combined this reserve with the initial asset valuation reserve to form one initial asset valuation reserve.

Initial asset valuation reserve

This reserve was created in 1992 for the purpose of bringing to account the University's assets for the first time. In 2000 the University combined this reserve with the asset realisation reserve to form one initial asset valuation reserve.

Asset revaluation reserve

This reserve is used to account for the increases or decreases in the value of assets as a result of revaluations and was created in accordance with AAS10 "Accounting for the revaluation of non-current assets".

Increases in the value of non-current assets investments are required by accounting standards to be credited directly to an asset revaluation reserve unless they are reversing a previous decrement charged to the statement of financial performance in which case the increment is credited to the statement of financial performance. Decreases in the value of non-current assets investments are charged as investment losses in the statement of financial performance unless they reverse a previous increment credited to asset revaluation reserve.

Revenue asset reserve

This reserve was created in 1995 to identify those revenues received and used solely for the purpose of fixed asset purchases made after the initial asset valuation reserve in 1992. The revenue asset reserve is reduced to reflect subsequent disposals of related fixed assets purchased, after the initial asset valuation reserve in 1992. In 2000 the balance in this reserve was transferred to accumulated funds.

Other reserves

The University had reserves for the future costs resulting from restructuring and strategic planning. In 2000 the balance in these reserves was transferred to accumulated funds.

1.13 Joint ventures

The proportionate interest in the assets, liabilities and expenses of joint venture operations have been incorporated in the financial statements under the appropriate headings. Details of the joint ventures are set out in note 23.

1.14 Associates

The proportionate interests in the profits or losses of associates have been incorporated in the financial statements. Details of the associates are set out in note 24.

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Notes	Economic Entity (Consolidated)		Parent Entity (University)	
		2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
2. Operating result					
Revenue					
Commonwealth government grants	2.1	305,882	300,651	305,882	300,597
Higher education contributions scheme					
Student contributions	33.1	21,632	19,615	21,632	19,615
Commonwealth payments	33.1	73,784	71,979	73,784	71,979
New South Wales government grant	2.2	4,727	5,024	4,727	3,772
Superannuation					
Deferred government contributions	22	(86,600)	(54,095)	(86,600)	(54,095)
Commonwealth supplementation	2.1	1,423	2,624	1,423	2,624
Fees and charges	2.3	97,914	74,827	96,070	72,622
Investment income	2.4	55,090	59,339	55,043	59,307
Royalties, trademarks and licenses	2.5	824	664	824	664
Consultancy and contract research	2.6	48,080	41,264	48,080	41,260
Other revenue	2.7	73,800	64,993	66,923	59,847
Total operating revenue		596,556	586,885	587,788	578,192
Expenses					
Employee benefits	2.8	381,418	384,525	378,297	381,588
Deferred government contributions	2.8, 22	(86,600)	(54,095)	(86,600)	(54,095)
Depreciation and amortisation	2.9	39,784	38,970	39,471	38,646
Buildings and grounds expenses	2.10	23,579	22,368	23,579	19,993
Bad and doubtful debts	2.11	708	80	697	35
Net losses from disposal of assets	2.12	14,362	2,857	14,362	2,857
Other expense	2.13	197,100	170,050	191,213	167,011
Total operating expenses		570,351	564,755	561,019	556,035
Operating result		26,205	22,130	26,769	22,157



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Notes	Economic Entity (Consolidated)		Parent Entity (University)	
		2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
2.1 Commonwealth Government grants (excluding HECS)					
Operating purposes incl. super supplementation excl. HECS *	33.1	223,490	220,234	223,490	220,180
Equality of opportunity	33.1	137	130	137	130
Higher education innovation program	33.1	491	554	491	554
Teaching hospitals	33.2	869	855	869	855
Capital development pool	32.2	1,628	0	1,628	0
Large research	33.3	12,194	11,964	12,194	11,964
Research fellowships	33.3	3,072	2,655	3,072	2,655
International researcher exchange	33.3	213	223	213	223
Research centres	33.3	1,927	2,792	1,927	2,792
Research infrastructure equipment and facilities	33.3	2,243	4,924	2,243	4,924
Special research initiatives	33.3	0	13	0	13
Small research	33.4	3,424	3,082	3,424	3,082
Infrastructure block	33.4	9,989	12,581	9,989	12,581
Australian postgraduate awards	33.4	7,322	8,588	7,322	8,588
International postgraduate research scholarships	33.4	1,324	1,385	1,324	1,385
SPIRT – Other (incl. Australian Postgraduate Awards Inc.)	33.4	4,766	3,595	4,766	3,595
Sub-total pursuant to Higher Education Funding Act		273,089	273,575	273,089	273,521
Other Commonwealth Government grants					
Environment, sport and territories		642	84	642	84
Education, training and youth affairs		5,434	326	5,434	326
Foreign affairs and trade		108	1,779	108	1,779
Human services and health		18,293	15,109	18,293	15,109
Industry, technology and regional development		340	226	340	226
Primary industry and energy		8,585	4,530	8,585	4,530
Other		814	7,646	814	7,646
Sub-total other Commonwealth Government grants		34,216	29,700	34,216	29,700
Total Commonwealth Government grants received excluding HECS*		307,305	303,275	307,305	303,221
* In note 2 the total Commonwealth government grants received excluding HECS is represented as:					
Commonwealth government grants		305,882	300,651	305,882	300,597
Superannuation Commonwealth supplementation		1,423	2,624	1,423	2,624
		307,305	303,275	307,305	303,221
2.2 New South Wales State Government grants					
Sydney Conservatorium of Music		3,447	2,775	3,447	2,775
Other		1,280	2,249	1,280	997
Total State Government grants		4,727	5,024	4,727	3,772

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
2.3 Fees and Charges				
Continuing education	7,006	4,259	7,006	4,259
Fee-paying overseas students	48,800	35,663	48,800	35,663
Fee-paying non-overseas postgraduate students	10,311	8,049	10,311	8,049
Fee-paying non-overseas undergraduate students	4,897	3,092	4,897	3,092
Law extension course fees	799	1,134	799	1,134
Summer school fees	3,397	1,696	3,397	1,696
Course fees	11,180	10,274	11,180	10,274
Students undertaking non-award courses	179	93	179	93
Fees late enrollment	63	37	63	37
Hire of equipment and venues	2,647	699	1,188	699
Library fines	666	721	666	721
Parking fees	1,129	1,095	1,129	1,095
Student residences	3,440	2,669	3,440	2,669
Rental – other	1,138	1,402	1,138	1,402
Miscellaneous	2,262	3,944	1,877	1,739
Total fees and charges	97,914	74,827	96,070	72,622
2.4 Investment income				
Rental income from investment properties	6,085	4,926	6,075	4,926
Interest	30,495	33,248	30,458	33,216
Dividends received	2,276	2,090	2,276	2,090
Distribution from managed funds	14,890	13,317	14,890	13,317
Realised gain on sale of investments	1,344	5,758	1,344	5,758
Total investment income	55,090	59,339	55,043	59,307
2.5 Royalties, trademarks and licenses				
License and royalty income	824	664	824	664
Total royalties, trademarks and licenses	824	664	824	664
2.6 Consultancy and contract research				
Consulting fees	34,014	30,546	34,014	30,546
State government	2,166	1,720	2,166	1,720
Miscellaneous	11,900	8,998	11,900	8,994
Total consultancy and contract research	48,080	41,264	48,080	41,260



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
2.7 Other Revenue				
Contributions (external organisations)	15,533	12,981	15,533	12,981
Shop sales (incl. Commercial Services)	5,994	6,441	5,994	6,441
Theatre	37	173	37	173
Veterinary / medical practice	4,708	3,926	4,708	3,926
Special events income	560	454	560	454
Commission received	400	593	400	593
Membership and subscriptions	612	439	612	439
Farms	3,654	3,882	3,654	3,882
Joint venture income	195	39	195	39
Income from associates	(40)	1,733	13	1,733
Scholarships and prizes	1,767	2,109	1,749	2,122
Donations and bequests	16,932	18,905	15,732	17,160
Proceeds from sale of assets	2,617	(2,464)	2,617	(2,464)
Other	20,831	15,782	15,119	12,368
Total other revenue	73,800	64,993	66,923	59,847
2.8 Employee benefits				
Salaries				
Academic	155,084	153,315	155,084	153,224
Non-academic	140,139	140,948	137,024	138,317
Payroll tax	22,425	21,902	22,425	21,881
Workers compensation	3,168	3,526	3,168	3,466
Long service leave expense	10,279	14,313	10,279	14,358
Annual Leave	6,451	9,954	6,444	9,988
Contributions to superannuation and pension schemes:				
Deferred employee benefits for superannuation				
Emerging cost	13,162	12,106	13,162	12,106
Funded	30,711	28,461	30,711	28,248
sub-total employee benefits	381,419	384,525	378,297	381,588
Provision for future emerging superannuation costs (see note 22)	(86,600)	(54,095)	(86,600)	(54,095)
Total employee benefits	294,819	330,430	291,697	327,493
2.9 Depreciation and amortisation				
Plant, equipment and office furniture	8,443	8,220	8,323	8,030
Motor vehicles	585	592	582	592
Computer equipment	3,621	3,866	3,566	3,867
Infrastructure	2,441	2,439	2,441	2,439
Buildings	15,174	14,580	15,174	14,580
Libraries	8,981	8,741	8,972	8,732
Works of art	0	0	0	0
Leasehold improvements	539	532	413	406
Total depreciation and amortisation	39,784	38,970	39,471	38,646

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
2.10 Building and grounds expenses				
Buildings and grounds expenses	23,579	22,368	23,579	19,993
Total buildings and grounds	23,579	22,368	23,579	19,993
2.11 Bad and doubtful debts				
Bad debts	136	70	136	25
Doubtful debts	572	10	561	10
Total bad and doubtful debts	708	80	697	35
2.12 Net losses from disposal of assets				
Net losses from disposal of assets	14,362	2,857	14,362	2,857
Total net losses from sales of assets	14,362	2,857	14,362	2,857
2.13 Other expenses				
Advertising and promotion	2,854	2,690	2,854	2,690
Audit fees, bank charges, legal costs, insurance and taxes	5,572	6,117	5,572	6,117
Cleaning, waste and utility costs	5,413	4,916	5,413	4,916
Consultants and contractors	25,690	33,224	25,690	33,224
Equipment and maintenance	4,615	4,365	4,615	4,365
Farm operations	1,563	1,580	1,563	1,580
Investments – amortisation expense	3,101	4,479	3,101	4,479
Laboratory, medical supplies and materials	11,841	13,386	11,841	13,386
Library materials	5,268	1,636	5,268	1,636
Licences, patents, copyright and commissions	4,407	3,059	4,407	3,059
Minor equipment	13,738	13,452	13,738	13,452
Miscellaneous expenses	14,107	694	9,439	(1,191)
Operating lease rental expenses	2,306	2,514	1,087	1,360
Printing, postage and stationery	12,153	12,460	12,153	12,460
Rent and room hire	3,836	2,791	3,836	2,791
Scholarships, grants and prizes	30,398	27,798	30,398	27,798
Teaching and research grants, contracts – external organisations	28,422	11,920	28,422	11,920
Telecommunications	4,415	5,824	4,415	5,824
Travel, staff development and entertainment	17,401	17,145	17,401	17,145
Total other expenses	197,100	170,050	191,213	167,011
3. Abnormal Items				
MCA (endowment)	0	678	0	0
MCA (provision/write off)	0	(189)	0	0
Emergency funding (MCA)	0	750	0	0
Write back accumulated depreciation	0	563	0	0
Legal costs	0	(70)	0	0
Gifts of works of art	60	41	0	0
Other	(18)		0	
	42	1,773	0	0



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
4. Remuneration of Executives				
\$210,000 to \$219,999	2	n/a	2	n/a
\$240,000 to \$249,999	1	n/a	1	n/a
\$270,000 to \$279,999	1	n/a	1	n/a
\$310,000 to \$319,999	1	n/a	1	n/a
\$460,000 to \$469,999	1*	n/a	1*	n/a
Aggregate remuneration of executives	1,726		1,726	

The above figures include superannuation, motor vehicle usage and the associated FBT costs

* In addition, this executive, as a condition of office, occupies a residence owned by the University. The residence is required to be available and used regularly for official University functions. The aggregate of cost and notional FBT value is \$245,000.

5. Remuneration of Auditors

Auditing the financial report	485	262	460	258
Other services *	20	266	17	266
	<u>505</u>	<u>528</u>	<u>477</u>	<u>524</u>

* In 1999 other services include the 1998 audit fees paid to the Audit Office of New South Wales for audit of the 1998 financial report not paid until 1999.

6. Inventories

Current

University Central Store	18	72	18	72
Finished goods	508	411	0	0
Other	115	54	86	54
	<u>641</u>	<u>537</u>	<u>104</u>	<u>126</u>

7. Receivables

Current

Accrued income	13,645	13,861	13,645	13,726
Debtors	21,341	16,045	20,791	15,542
Provision for doubtful debts	(900)	(325)	(900)	(325)
GST recoverable	2,608	10	2,608	10
Other	1,714	2,200	1,714	2,158
	<u>38,408</u>	<u>31,791</u>	<u>37,858</u>	<u>31,111</u>

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
8. Investments				
Current				
Investment securities at market valuation:				
Government and government guaranteed stock	5,282	0	5,282	0
Bank securities and deposits	63,186	85,972	63,040	85,809
Unsecured company loans	35,588	19,798	35,588	19,798
Debentures	6,014	7,107	6,014	7,106
Mortgage backed securities	0	0	0	0
Registered discount notes	0	0	0	0
	<u>110,070</u>	<u>112,877</u>	<u>109,924</u>	<u>112,713</u>
Other investments				
Loan to controlled entities	0	0	600	600
Mortgages		850		850
	<u>0</u>	<u>850</u>	<u>600</u>	<u>1,450</u>
Total current investments	<u>110,070</u>	<u>113,727</u>	<u>110,524</u>	<u>114,163</u>
Non-current				
Investment securities at market valuation:				
Government and government guaranteed stock	195,879	168,289	195,879	168,289
Bank securities and deposits	115,387	110,495	115,387	110,495
Debentures	0	6,104	0	6,104
Shares – quoted	68,940	62,709	68,940	62,709
Convertible notes – quoted	692	773	692	773
Property trusts – quoted	544	1,092	544	1,092
Freehold *	81,334	86,045	81,334	86,045
External fund managers – domestic equities	71,188	59,269	71,188	59,269
External fund managers – foreign equities	42,039	44,671	42,039	44,671
External fund managers – property equities	33,511	30,922	33,511	30,922
	<u>609,514</u>	<u>570,369</u>	<u>609,514</u>	<u>570,369</u>
Other investments:				
Loans to controlled entities	0	0	5,800	5,800
Loans to affiliated organisations	6,329	6,908	6,329	6,908
	<u>6,329</u>	<u>6,908</u>	<u>12,129</u>	<u>12,708</u>
Total non – current investments	<u>615,843</u>	<u>577,277</u>	<u>621,643</u>	<u>583,077</u>
Total	<u>725,913</u>	<u>691,004</u>	<u>732,167</u>	<u>697,240</u>

* In 2000 freehold consisted of 70 properties including 38 home units (1999, 72 properties including 41 home units)

It was agreed between the Museum of Contemporary Art Limited and the University of Sydney that a loan of \$2.5M would be made available to the Museum. As at 31 December 1996 \$2.3M had been drawn down. No repayments are due and no interest is payable on this amount until January 2005. A further loan of \$3.5M was made to the Museum and this loan is free of any interest charges until January 2005. In December 1998 the Senate approved a \$600,000 draw down facility for the Museum to meet short term funding requirements with funds to be drawn down as required. As at December 1998 \$400,000 had been drawn down and a further \$200,000 was drawn down during 1999. Interest is payable on the \$600,000 quarterly in arrears and is based on the National Australia Bank benchmark rate less 1%.



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

Economic Entity (Consolidated)		Parent Entity (University)	
2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000

8. Investments (continued)

Summarised by class

Bank securities and deposits	178,573	196,467	178,427	196,304
Debentures	6,014	13,211	6,014	13,210
Convertible notes – quoted	692	773	692	773
Freehold	81,334	86,045	81,334	86,045
Government and government guaranteed stock	201,161	168,289	201,161	168,289
Loans to associated organisations	6,329	6,908	12,729	13,308
Mortgages	0	850	0	850
Property trusts – quoted	544	1,092	544	1,092
Shares – non quoted	2,828	240	2,828	240
Shares – quoted	66,112	62,469	66,112	62,469
Unsecured company loans	35,588	19,798	35,588	19,798
External fund managers – domestic equities	71,188	59,269	71,188	59,269
External fund managers – foreign equities	42,039	44,671	42,039	44,671
External fund managers – property equities	33,511	30,922	33,511	30,922
	<u>725,913</u>	<u>691,004</u>	<u>732,167</u>	<u>697,240</u>

Summarised by maturity date

Within 3 months	104,790	105,771	104,644	105,607
Within 4 to 12 months	5,282	7,956	5,882	8,556
Within 1 to 2 years	51,144	11,584	51,144	11,584
Within 2 to 5 years	206,048	199,576	211,848	199,576
More than 5 years	60,402	80,636	60,402	86,436
No maturing date (shares, convertible notes, property trusts, freehold, etc.)	298,247	285,481	298,247	285,481
	<u>725,913</u>	<u>691,004</u>	<u>732,167</u>	<u>697,240</u>

9. Other current assets

Current

Assets to be demolished in 2000 at cost	0	346	0	346
Less: accumulated depreciation	0	(21)	0	(21)
Written down value	0	325	0	325
Deposits on assets	531	0	531	0

Total other current assets

	<u>531</u>	<u>325</u>	<u>531</u>	<u>325</u>
--	------------	------------	------------	------------

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

10. Amounts owing by Commonwealth/State governments

Since 1987, the University has recognised amounts owing from the Commonwealth and State Governments for unfunded deferred liability for superannuation schemes on the basis of a number of past events. These events include correspondence that provides for the Commonwealth Government, together with the State Government, to meet the unfunded liability for the University's State Superannuation Schemes on an emerging cost basis. The events also include the State Grants (General Reserve) Amendment Act 1987, Higher Education Funding Act 1988 and subsequent amending legislation which authorises annual expenditure, and estimates for the expenditure in the Commonwealth's three-year forward program. Whilst there is no formal agreement and therefore no guarantee regarding these specific amounts between the State Government, the Commonwealth Government and the University, and the three-year life of the forward budget estimates is less than the time period which the Commonwealth Government would require to meet its obligations, the University has no evidence that the Commonwealth and State Governments will not continue to progressively meet this amount in accordance with current practice. The amount owing in respect of these schemes as at 31 December 2000 was \$173,256,059 (1999 \$262,592,597)

11. Property, plant and equipment

Following an extensive stocktake in 2000 the University has categorised plant and equipment into three separate categories of plant and equipment, motor vehicles and computers. Appropriate transfers have been made from plant and equipment to each category to adjust previous inconsistencies in categorisation.

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Land:				
Balance 1 January	188,934	188,923	188,934	188,923
Add: acquisitions	0	11	0	11
	188,934	188,934	188,934	188,934
Less: disposals	(215)	0	(215)	0
Balance 31 December	188,719	188,934	188,719	188,934
Less: accumulated depreciation	0	0	0	0
Written down value 31 December	188,719	188,934	188,719	188,934
Buildings				
Balance 1 January	754,490	743,481	754,490	743,481
Add: completed capital works	22,837	11,468	22,837	11,468
Add: acquisitions	1,728	2,730	1,728	2,730
	779,055	757,679	779,055	757,679
Less: buildings to be demolished in 1999	0	(2,844)	0	(2,844)
Less: buildings demolished in 2000	(141)	(345)	(141)	(345)
Balance 31 December	778,914	754,490	778,914	754,490
Less: accumulated depreciation	(58,507)	(42,303)	(58,507)	(42,303)
Written down value 31 December	720,407	712,187	720,407	712,187
Infrastructure				
Balance 1 January	123,328	123,328	123,328	123,328
Add: recategorisation adjustment	399	0	399	0
Add: acquisitions	240	0	240	0
	123,967	123,328	123,967	123,328
Less: disposals	0	0	0	0
Balance 31 December	123,967	123,328	123,967	123,328
Less: accumulated depreciation	(12,423)	(7,245)	(12,423)	(7,245)
Written down value 31 December	111,544	116,083	111,544	116,083



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
11. Property, plant and equipment (continued)				
Plant and equipment				
Balance 1 January	160,709	148,735	159,512	147,624
Less: prior year adjustment	(2,638)	0	(2,638)	0
Less: recategorisation / transfer	(42,127)	0	(42,127)	0
Add: acquisitions	7,713	12,176	7,686	12,012
	123,657	160,911	122,433	159,636
Less: disposals	(10,983)	(202)	(10,929)	(124)
Balance 31 December	112,674	160,709	111,504	159,512
Less: accumulated depreciation	(70,304)	(100,637)	(69,300)	(99,355)
Written down value 31 December	42,370	60,072	42,204	60,157
Motor vehicles				
Balance 1 January	2,350	1,672	2,290	1,612
Add; recategorisation / transfer	9,282	0	9,282	0
Add: acquisitions	3,810	4,060	3,810	4,060
	15,442	5,732	15,382	5,672
Less: disposals	(4,507)	(3,382)	(4,507)	(3,382)
Balance 31 December	10,935	2,350	10,875	2,290
Less: accumulated depreciation	(1,602)	(564)	(1,586)	(564)
Written down value 31 December	9,333	1,786	9,289	1,726
Computer equipment				
Balance 1 January	7,222	4,056	6,800	3,634
Add; recategorisation / transfer	29,684	0	29,684	0
Add: acquisitions	4,091	3,336	4,087	3,336
	40,997	7,392	40,571	6,970
Less: disposals	(10,886)	(170)	(10,886)	(170)
Balance 31 December	30,111	7,222	29,685	6,800
Less: accumulated depreciation	(24,050)	(3,202)	(23,663)	(3,202)
Written down value 31 December	6,061	4,020	6,022	3,598
Leasehold improvements				
Balance 1 January	29,899	28,744	21,914	21,850
Add: adjustments to opening balance	0	164	0	64
Add: acquisitions	96	991	96	0
Balance 31 December	29,995	29,899	22,010	21,914
Less: accumulated depreciation	(4,502)	(3,162)	(2,821)	(1,606)
Written down value 31 December	25,493	26,737	19,189	20,308
Total property, plant and equipment	1,103,927	1,109,819	1,097,374	1,102,993

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
12. Heritage assets				
Works of art – University collection				
Balance 1 January	32,717	32,288	26,263	26,089
Less: adjustment to opening balance	0	158	0	0
Add: acquisitions	289	271	229	174
	<u>33,006</u>	<u>32,717</u>	<u>26,492</u>	<u>26,263</u>
Less: disposals	0	0	0	0
Balance 31 December	33,006	32,717	26,492	26,263
Less: accumulated depreciation	0	0	0	0
Written down value 31 December	<u>33,006</u>	<u>32,717</u>	<u>26,492</u>	<u>26,263</u>
Rare books				
Balance 1 January	53,482	53,482	53,482	53,482
Add: acquisitions	61	0	61	0
	<u>53,543</u>	<u>53,482</u>	<u>53,543</u>	<u>53,482</u>
Less: disposals	0	0	0	0
Balance 31 December	53,543	53,482	53,543	53,482
Less: accumulated depreciation	0	0	0	0
Written down value 31 December	<u>53,543</u>	<u>53,482</u>	<u>53,543</u>	<u>53,482</u>
Museum collection				
Balance 1 January	64,129	64,129	64,129	64,129
Add: acquisitions	0	0	0	0
	<u>64,129</u>	<u>64,129</u>	<u>64,129</u>	<u>64,129</u>
Less: disposals	0	0	0	0
Balance 31 December	64,129	64,129	64,129	64,129
Less: accumulated depreciation	0	0	0	0
Written down value 31 December	<u>64,129</u>	<u>64,129</u>	<u>64,129</u>	<u>64,129</u>
Total heritage assets	<u>150,678</u>	<u>150,328</u>	<u>144,164</u>	<u>143,874</u>



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
13. Library collections				
Undergraduate collection				
Balance 1 January	44,575	44,081	44,461	44,081
Add: adjustment to opening balance	0	107	0	0
Add: acquisitions	560	387	560	380
	45,135	44,575	45,021	44,461
Less: disposals	0	0	0	0
Balance 31 December	45,135	44,575	45,021	44,461
Less accumulated depreciation	(17,801)	(8,820)	(17,704)	(8,732)
Written down value 31 December	27,334	35,755	27,317	35,729
Research collection				
Balance 1 January	466,091	460,069	466,091	460,069
Add: acquisitions	8,604	8,879	8,604	8,879
	474,695	468,948	474,695	468,948
Less: disposals	(795)	(2,857)	(795)	(2,857)
Balance 31 December	473,900	466,091	473,900	466,091
Total library collections	501,234	501,846	501,217	501,820
14. Capital works in progress				
Balance 1 January	27,642	19,542	27,642	19,542
Add: new capital works expenditure	29,848	19,568	29,848	19,568
	57,490	39,110	57,490	39,110
Less: completed capital works	(22,837)	(11,468)	(22,837)	(11,468)
Balance 31 December	34,653	27,642	34,653	27,642
15. Other non-current assets				
Milk quota				
Balance 1 January	1,126	1,126	1,126	1,126
Less: disposals	(1,126)	0	(1,126)	0
Balance 31 December	0	1,126	0	1,126
Livestock				
Balance 1 January	1,484	1,189	1,484	1,189
Add: acquisitions	467	295	467	295
	1,951	1,484	1,951	1,484
Total other non-current assets	1,951	2,610	1,951	2,610
16. Intangibles				
Patents	787	580	787	580
Total Intangibles	787	580	787	580

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
17. Accounts payable				
Creditors	24,627	26,975	23,112	26,041
Accrued expenses	10,256	12,529	10,237	12,529
Prepaid income	9,463	8,981	8,922	8,981
	<u>44,346</u>	<u>48,485</u>	<u>42,271</u>	<u>47,551</u>
18. Other current liabilities				
Current				
Income in advance	6,342	6,838	6,342	5,903
	<u>6,342</u>	<u>6,838</u>	<u>6,342</u>	<u>5,903</u>
19. Provisions				
Current				
Provision for annual leave				
Balance 1 January	19,245	9,249	19,163	9,175
Add/(less): net movement	6,531	9,996	6,458	9,988
Balance 31 December	<u>25,776</u>	<u>19,245</u>	<u>25,621</u>	<u>19,163</u>
Deferred contribution to superannuation schemes				
Balance 1 January	3,117	2,404	3,008	2,350
Add/(less): net movements	(367)	713	(258)	658
Balance 31 December	<u>2,750</u>	<u>3,117</u>	<u>2,750</u>	<u>3,008</u>
Other				
Balance 1 January	2	145	0	0
Add/(less): net movements	(2)	(143)	0	0
Balance 31 December	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>
Total current provisions	<u>28,526</u>	<u>22,364</u>	<u>28,371</u>	<u>22,171</u>
Non-Current				
Deferred contributions to superannuation schemes				
Balance 1 January	294,289	353,419	294,289	353,419
Decrease in unfunded liability (SASS, SANCS, SSS)	(86,341)	(53,114)	(86,341)	(53,114)
Decrease in unfunded liability (professorial/widow)	(2,751)	(6,016)	(2,751)	(6,016)
Balance 31 December	<u>205,197</u>	<u>294,289</u>	<u>205,197</u>	<u>294,289</u>
Provision for long service leave				
Balance 1 January	71,326	63,295	71,283	63,211
Add/(less): net movements	3,236	8,031	3,159	8,072
Balance 31 December	<u>74,562</u>	<u>71,326</u>	<u>74,442</u>	<u>71,283</u>
Other				
Balance 1 January	216	216	216	216
Add/(less): net movements	(12)	0	(12)	0
Balance 31 December	<u>204</u>	<u>216</u>	<u>204</u>	<u>216</u>
Total non-current provisions	<u>279,963</u>	<u>365,831</u>	<u>279,843</u>	<u>365,788</u>



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

20. Reserves

In 2000 the University decided to transfer the balances on certain reserves to accumulated funds. These are the equipment and capital reserves of road closure, capital works and equipment as well as the revenue asset reserve and other reserves. In addition the University consolidated the asset realisation reserve with the initial asset reserve and consolidated the asset revaluation reserve and the investment asset revaluation reserve into one asset revaluation reserve.

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
General reserves				
Equipment and capital projects reserve				
Road closure				
Balance 1 January	7,493	6,287	7,493	6,287
Add: transfers to reserves	0	1,206	0	1,206
Less: transfers from reserves and to accumulated funds	(7,493)	0	(7,493)	0
Balance 31 December	0	7,493	0	7,493
Capital works				
Balance 1 January	8,096	13,991	5,546	12,765
Add: transfers to reserves	333	3,937	267	3,259
Less: transfers from reserves and to accumulated funds	(5,918)	(9,715)	(5,918)	(9,715)
Less: adjustment - revaluation reserve	105	(117)	105	(763)
Balance 31 December	2,616	8,096	0	5,546
Equipment				
Balance 1 January	11,649	10,587	11,583	10,522
Add: transfers to reserves	3,046	1,097	3,046	1,096
Less: transfers from reserves and to accumulated funds	(14,695)	0	(14,629)	0
Less: adjustment - revaluation reserve	0	(35)	0	(35)
Balance 31 December	0	11,649	0	11,583
Initial asset valuation reserve				
Balance 1 January	1,660,499	1,660,499	1,660,499	1,660,499
Balance 31 December	1,660,499	1,660,499	1,660,499	1,660,499
Asset revaluation reserve				
Balance 1 January	226,071	217,516	226,071	217,516
Add: opening balance adjustment	0	(1,681)	0	(1,681)
Add: transfers to reserves	0	25,169	0	25,169
Less: transfers from reserves	(5,614)	0	(5,614)	0
Revaluations and adjustments	8,965	(14,933)	8,965	(14,933)
Balance 31 December	229,422	226,071	229,422	226,071
Other reserves				
Balance 1 January	15,336	0	15,336	0
Add: transfers to reserves	11,411	15,336	11,411	15,336
Less: transfers from reserves and to accumulated funds	(26,747)	0	(26,747)	0
Balance 31 December	0	15,336	0	15,336

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
20. Reserves (continued)				
Revenue asset reserve				
Balance 1 January	305,677	260,765	305,677	260,765
Add: transfers to reserves	54,253	51,446	54,253	51,446
Less: transfers from reserves and to accumulated funds	(359,930)	(6,534)	(359,930)	(6,533)
Balance 31 December	0	305,677	0	305,678
Associates reserves				
Balance 1 January	0	0	0	0
Add: transfers to reserves	0	0	0	0
Less: transfers from reserves	0	0	0	0
Revaluation and adjustments	6,614	0	0	0
Balance 31 December	6,614	0	0	0
Total reserves				
Balance 1 January	2,234,821	2,169,645	2,232,205	2,168,35
Add: transfers to reserves	69,043	98,191	68,977	97,512
Less: transfers from reserves and to accumulated funds	(420,397)	(16,249)	(420,331)	(16,248)
Revaluation increments and adjustments	15,684	(16,766)	9,070	(17,412)
Balance 31 December	1,899,151	2,234,821	1,889,921	2,232,206
21. Commitments for expenditure				
Capital Expenditure Commitments				
Not longer than 1 year	3,792	11,205	3,792	6,355
Longer than 1 year and not longer than 2 years	0	0	0	0
Longer than 2 years and not longer than 5 years	0	0	0	0
	3,792	11,205	3,792	6,355
Operating lease commitments				
Not longer than 1 year	473	1,184	473	1,184
Longer than 1 year and not longer than 2 years	166	747	166	747
Longer than 2 years and not longer than 5 years	332	712	332	712
	971	2,643	971	2,643
Other expenditure commitments				
Not longer than 1 year	13,762	8,164	13,762	8,164
	13,762	8,164	13,762	8,164



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

22. Superannuation plans

State Authorities Trustee Corporation

The University maintains a reserve account within the State Authorities Superannuation Trustee Corporation to assist in financing the employer contributions to the State Authorities Superannuation Scheme (SASS), the State Authorities Non-contributory Scheme (SANCS) and the State Superannuation Scheme (SSS).

The 2000 assessment of SASS, SANCS and SSS is based on the full requirements of AAS25. This requires that "market determined risk adjusted discount rate" be applied as the valuation interest rate in the calculation of the value of accrued benefits. The membership databases used in the 2000 assessment are those as at 30 June 2000 and projected forward to 31 December 2000.

Economic assumptions used in the assessment were:

	2000/01	2001/02	thereafter
	<u>p.a.</u>	<u>p.a.</u>	<u>p.a.</u>
Rate of investment return (after tax and investment related expense)	7.00%	7.00%	7.00%
Rate of general salary increase (including reclassifications*)	3.00%	3.00%	4.00%
Rate of increase in CPI Sydney, (all Groups)	6.00%	2.50%	2.50%

*A promotion scale applies

The change in the actuarial assessment of superannuation as at 31 December 2000 provided by the State Authorities Superannuation Board resulted in a deferred income item of \$86,599,951 that is offset by an expenditure item under "Deferred employee benefits for superannuation" (see note 2).

A net unfunded liability for retirement benefits of \$207,946,487 (1999:\$297,297,000) is included in the statement of financial position as \$205,195,891 non-current liability and \$2,750,596 current liability. \$173,256,059 of this is payable by the Commonwealth and State governments (refer note 10).

Professorial Superannuation Scheme

The gross liability for the University of Sydney Professorial superannuation System was based on the KPMG Actuaries Pty Ltd assessment as at 31 December 1997. The economic assumptions used in the assessment were:

	Rate	Rate
	<u>p.a.</u>	<u>p.a.</u>
Rate of investment return (after tax and investment related expenses)	8.00%	8.00%
Rate of general salary increases	5.50%	5.50%

Liability and prepaid contributions comprise the following

	SASS	SANCS	SSS	Professor	Total
	<u>\$,000</u>	<u>\$,000</u>	<u>\$,000</u>	<u>\$,000</u>	<u>\$,000</u>
Gross liability assessed by actuaries 31-12-00	41,159	22,592	521,840	26,290	611,881
Less – Reserve account balance	(65,389)	(16,389)	(322,157)	0	(403,935)
Net liability/ (prepaid contributions)	(24,230)	6,203	199,683	26,290	207,946

Superannuation Scheme for Australian Universities

In addition to the above State Superannuation Schemes the University contributes to the Superannuation Scheme for Australian Universities (SSAU) which is a fully funded defined benefits scheme. An actuarial assessment of SSAU was performed by Towers Perrin as at 31 December 1999. The economic assumptions used in the assessment were:

	Rate p.a.
Rate of investment return - after tax (active members and deferred pensioners)	7.50%
Rate of investment return - before tax (current pensioners)	8.00%
Rate of salary increases (non-promotional)	4.50%
Rate of price increases	3.50%

Details of the University's share of the scheme as at 31 December 2000 (refer to AAS30 (51))

	\$,000
Accrued benefits	117,975
Vested benefits	117,975
Net market value of assets	129,305
Net surplus	11,330

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

23. Joint Venture Operations

Name of Entity	Principle Activity	Ownership Interest	
		2000	1999
Australian Institute of Steel Construction	Commercialisation of software package known as LIMSTEEL	50%	50%

The University's interest in assets employed in the above joint venture operations is detailed below. The amounts are included in the financial reports and consolidated financial reports under their respective asset categories. As a result of not having audited financial statements for the joint venture for the year 30 June 2000, it was decided to use unaudited financial statements for the year ended 30 June 2000.

	2000	1999
	\$'000	\$'000
Current assets		
Cash	51	35
Receivables	19	5
Inventories		10
Total current assets	70	50
Current liabilities		
Creditors and borrowings	1	11
Total current liabilities	1	11
Net assets	69	39

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

24. Associated Entities

Investments in associates are accounted for in the financial statements using the equity method of accounting. Information relating to the associates is set out below:-

Name of entity	Principal activity	Ownership Interest		Carrying Amount	
		2000 (%)	1999 (%)	2000 \$,000	1999 \$,000
ATPU Pty Ltd	Business incubation	25.00%		6143	
SunPrime Seeds Pty Ltd	Commercial seed sales	49.99%	50.00%	419	490
Securities Industry Research Centre of Asia Pacific Pty Ltd (SIRCA)	Commercialisation of research into Asia Pacific capital markets	46.67%		402	
ObjectiVision Pty Ltd	Optometry products	31.58%		87	
Encompass Bioinformatics *	Genomic bioinformatic services		22.84%		1243
				7051	1733

* Interest disposed of for shares in Entigen Inc. (formerly Encompass Bioinformatics), now included as part of investments

For the purposes of the University's final accounts and due to the lack of audited or published accounts, the University's equity interest at 31 December 2000 is based on management accounts as at 31 December 2000 for ATPU Pty Ltd, Sunprime Seeds Pty Ltd and ObjectiVision Pty Ltd. The University's equity interest in Securities Industry Research Centre of Asia Pty Ltd (SIRCA) is based on audited accounts as at 30 June 2000.

In addition the University has interests in Australian Photonics Pty Ltd (and its subsidiary Redfern Photonics Pty Ltd) and Benthic GeoTech Pty Ltd. Because of a lack of reliable information on these companies they have been treated as investments.

	2000 \$'000	1999 \$'000
Movements in carrying amounts of investments:		
Carrying amounts of investments at the beginning of the year	1,733	3,004
Disposal of investment in associate	(1,243)	0
Share of operating profits (losses) after income tax	(53)	(1,271)
Share of associates increase in capital **	1,179	0
Share of increment on revaluation of land and buildings	5,435	0
Carrying amount at the end of the financial year	7,051	1,733

** increase in share capital of associates and interests in share capital acquired as a result of payment of in-kind contributions have been reflected as a movement in capital reserves.

Profits attributable to associates

Operating profits (losses) before income tax ***	(53)	(1,304)
Income tax expense	0	13
Operating profits (losses) after income tax	(53)	(1,291)
Retained profits (losses) attributable to associates at the beginning of the financial year	(1,271)	20
Less: Retained profits (losses) of associates sold	(1,346)	0
Retained profits (losses) attributable to associates at the end of the financial year	22	(1,271)

*** Includes an adjustment to retained profits in respect of investments in associates previously unrecorded

Reserves attributable to associates

Associates capital reserve		
Balance at the beginning of the financial year	0	0
Share of associates increase in capital	6,614	0
Balance at the end of the financial year	6,614	0

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

25. Controlled Entities

	Country of Incorporation	Ownership Interest	
		2000 %	1999 %
Parent Entity University of Sydney	Australia	100%	100%
Controlled Entities Museum of Contemporary Art Limited was established by the University in 1989. It is limited by guarantee and its objects include the development and conduct of a Museum of contemporary art. A summary of the company's results is shown below.	Australia	The University approves the appointment of directors	The University approves the appointment of directors
Wentworth Annexe Limited was incorporated in 1987 as a company limited by guarantee. The objects include the administration of the planning and construction of the Wentworth Annexe and other building works the University of Sydney Students' Union may wish to undertake. A summary of the company's results is shown below.	Australia	The University approves the appointment of directors	The University approves the appointment of directors
Rural Australia Foundation Limited was incorporated in 1979 as a company limited by guarantee. Principal activities include the operation of Agrimart Bookshop and externally funded projects in co-operation with the University. A summary of the company's results is shown below.	Australia	The University approves the appointment of directors	The University approves the appointment of directors
U.O.S. Superannuation Pty Limited was incorporated in 1994 and is limited by shares. The company was formed for the purpose of acting solely as the trustee of the University of Sydney Professorial Superannuation System. As at 31 December 2000 the company is non-operating and therefore has no assets or liabilities.	Australia	100%	100%

	2000 \$,000	1999 \$,000
Museum of Contemporary Art Limited		
Gross income (including abnormals)	8,769	10,174
Surplus/(deficit)	(541)	4
Net assets	6,266	6,765
Wentworth Annexe Limited		
Gross income (including abnormals)	6	3
Surplus/(deficit)	0	0
Net assets	0	0
Rural Australia Foundation Limited		
Gross income (including abnormals)	418	348
Surplus/(deficit)	29	(31)
Net assets	221	191



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

26. Notes to the Statement of Cash Flows

26.1. Reconciliation of cash

For the purposes of the statement of cash flows, and in accordance with AAS28, the University considers cash to include cash on hand and in banks and all investments in the short term money market with maturities of up to but not exceeding three months. Cash at the end of the reporting period as shown in the statement of cash flows is reconciled to the related items in the statement of financial position as follows:

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Cash/ bank balance	6,209	6,382	5,289	5,482
Short term money market at call / maturity up to but not exceeding three months	104,789	108,206	104,643	108,206
Less associate's cash balance	(53)	900	0	0
	<u>110,945</u>	<u>115,488</u>	<u>109,932</u>	<u>113,688</u>

26.2 Reconciliation of net cash used in operating activities to operating result

Operating result after abnormal items	26,247	23,903	26,769	22,157
Depreciation / amortisation expense	39,783	38,969	39,471	38,645
Loss on sale of fixed assets	11,745	2,711	11,745	2,711
Investment revaluation	7,488	2,835	7,488	2,835
Gain on sale of investments	(995)	(11,915)	(995)	(11,915)
Non cash other income and bequests	(1,458)	(1,434)	(1,398)	(1,968)
(Increase) / decrease in inventories	(160)	50	22	4
(Increase) / decrease in receivables	(7,613)	(10,464)	(7,647)	(10,313)
Increase / (decrease) in payables	(5,017)	1,864	(5,280)	4,332
Increase / (decrease) in provisions	(78,949)	(40,533)	(79,083)	(40,412)
Non cash adjustment for superannuation	86,600	(12,325)	86,600	(12,325)
Loss on library disposals	795	2,856	795	2,856
Increase in patents	(207)	(73)	(207)	(73)
Increase in joint ventures and associates	1,703		1,703	
	<u>79,962</u>	<u>(3,556)</u>	<u>79,983</u>	<u>(3,466)</u>

Included in the cash/bank balances of the University are the following foreign currency accounts. The balances shown are in Australian dollar equivalent as at 31 December 2000. The accounts and balances are:

	\$,000	\$,000
United States dollar bank account	538	1669
English pound bank account	229	782
Deutschmark bank account	70	81
Netherlands guilders bank account	11	108
Finnish Marka bank account	537	482
Greek Drachma bank account	14	10
	<u>1399</u>	<u>3132</u>

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

27. Financial Instruments

The following table details the economic entity's exposure to interest rate risk as at the 31 December 2000:

2000	Average Interest Rate %	Variable Interest Rate \$'000	Fixed Interest Rate Maturity			Non Interest Bearing \$'000	Total \$'000
			Less than 1 Year \$'000	1 to 5 Years \$'000	More than 5 Years \$'000		
Financial Assets							
Cash	4.97	6,209					6,209
Receivables (excl. prepaid)						38,408	38,408
Amounts owing by Commonwealth						173,256	173,256
Govt. and govt. guaranteed stock	9.65		5,282	195,879			201,161
Bank securities and deposits	6.12		63,186	115,387			178,573
Unsecured company loans	6.27		35,588				35,588
Debentures	8.27		6,014				6,014
Shares – quoted						66,112	66,112
Shares – non quoted						2,828	2,828
Convertible notes – quoted	6.50				692		692
Property trusts – quoted						544	544
Freehold						81,334	81,334
Ext. fund managers-domestic equities						71,188	71,188
Ext. fund managers-foreign equities						42,039	42,039
Ext. fund managers-property equities						33,511	33,511
Loans to affiliated organisations	5.99			924	5,405		6,329
Total financial assets		6,209	110,070	312,190	6,097	509,220	943,786
Weighted average interest	7.71						
Financial Liabilities							
Revenue received in advance						6,342	6,342
Creditors						44,346	44,346
Employee entitlements						308,489	308,489
Total financial liabilities		0	0	0	0	359,177	359,177
Net financial assets (liabilities)		6,209	110,070	312,190	6,097	150,043	584,609

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

27. Financial Instruments (continued)

The following table details the economic entity's exposure to interest rate risk as at the 31 December 1999:

	Average Interest Rate %	Variable Interest Rate \$'000	Fixed Interest Rate Maturity			Non Interest Bearing \$'000	Total \$'000
			Less than 1 Year \$'000	1 to 5 Years \$'000	More than 5 Years \$'000		
1999							
Financial Assets							
Cash		6,382					6,382
Receivables (excl. prepaid)						15,542	15,542
Amounts owing by Commonwealth						262,593	262,593
Govt. and govt. guaranteed stock				93,315	74,973		168,288
Bank securities and deposits			85,972	110,496			196,468
Unsecured company loans			19,798				19,798
Debentures			7,107	6,104			13,211
Shares – quoted						62,709	62,709
Convertible notes – quoted					773		773
Property trusts – quoted						1,092	1,092
Freehold						86,045	86,045
Ext. fund managers-domestic equities						59,269	59,269
Ext. fund managers-foreign equities						44,671	44,671
Ext. fund managers-property equities						30,922	30,922
Loans to affiliated organisations				1,245	5,663		6,908
Mortgages			850				850
Total financial assets		6,382	113,727	211,160	81,409	562,843	975,521
Weighted average interest	7.44						
Financial Liabilities							
Revenue received in advance						5,903	5,903
Creditors						49,283	49,283
Employee entitlements						388,134	388,134
Total financial liabilities		0	0	0	0	443,320	443,320
Net financial assets (liabilities)		6,382	113,727	211,160	81,409	119,523	532,201

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

27. Financial Instruments (continued)

Reconciliation of net financial assets to net assets

	Economic Entity (Consolidated)	
	2000 \$'000	1999 \$'000
Net financial assets as above	584,609	532,201
Non-financial assets and liabilities:		
Inventories	641	537
Land, buildings, plant and equipment	1,103,927	1,109,819
Heritage assets	150,678	150,328
Library collections	501,234	501,846
Capital works in progress	34,653	27,642
Intangibles	787	580
Other assets	9,112	20,758
Net assets as per statement of financial position	<u>2,385,641</u>	<u>2,343,711</u>

Interest rate risk

Cash at bank, loans and investments in government bonds, debenture and bank securities and deposits are exposed to the risk that their value will fluctuate due to changes in market interest rates.

Credit risk exposure

The maximum exposure to credit risk on financial assets of the economic entity, excluding investments, relates to receivables which are exposed to the risk of financial loss due to the other party to the contract failing to discharge a financial obligation. The maximum credit risk exposure in relation to receivables is the carrying amount less the provision for doubtful debts as set out in note 7. The economic entity is not materially exposed to any individual or group.

Market risk

Shares, listed convertible notes and investments with managed funds are exposed to the risk that their value will fluctuate due to changes in market valuation.

Foreign currency risk

Balances in the foreign currency bank accounts are in that country's currency. This exposes the economic entity to the risk of currency fluctuations.

Net fair value of financial assets and liabilities

The net fair value of cash and cash equivalents and non-investment financial assets and financial liabilities of the economic entity approximate their carrying value. The net fair value of investment assets is based upon market prices where a market exists or at the lower of cost or net recoverable amount where no ready market exists for the investment.

28. Non-cash financing and investing activities

The University had no non-cash financing or investing activities, with the exception of the following non-cash items received in 2000: books of \$1.17M (1999 - \$2.61M) and works of art gifted to the University of \$228K (1999- \$174K). The total consolidated gifts for works of art include the University and the Museum of Contemporary Art.

29. Financing facilities and balances

The University has access to an unsecured overdraft facility of \$2,000,000. At balance date the overdraft facility was unused. The University has no other borrowings.



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

30. Contingent Liabilities

The University currently has no significant legal claims outstanding, nor any outstanding claims which are not covered by appropriate insurance.

Consequent upon the HIH Insurance Group being placed in provisional liquidation on 16 March 2001 the University may have an exposure to the non-settlement of claims arising from unreported incidences. At this time the extent of any potential exposure can not be estimated.

31. Remuneration of directors (as defined under the Public Finance and Audit Regulation 1985 s4(1) (I))

The members of the Senate and the Directors of the controlled entities (refer note 25) received no remuneration during the year for their services as directors.

32. Revenue recognition

In general, revenue is recognised, where it can be reliably measured, in the period to which it relates. However, where there is not an established pattern of income flow, revenue is recognised on a cash receipts basis. Revenue, excluding deferred income government contributions for superannuation, was derived from:

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Operating activities	608,532	575,323	606,641	571,776
Outside operating activities	74,624	65,657	67,747	60,511
Total	683,156	640,980	674,388	632,287

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

33.1 Acquittal of Commonwealth Government grants

Amounts received and expended pursuant to the Higher Education Funding Act 1988, excluding HECS:

Teaching and learning

Parent Entity [University] ONLY

	Operating grant, including super supplement excluding HECS		HECS		Equality of opportunity		Higher education innovation program	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (paid during previous reporting period)	17,337	17,419	0	5,950	11	10	0	0
Plus Grants received during reporting period	223,490	220,180	73,784	71,932	137	130	491	554
Plus contributions actually received from students	0	0	21,632	19,615	0	0	0	0
Less Grants in advance (received in the reporting reporting period for the next reporting period)	(17,643)	(17,337)	0	(5,903)	(11)	(11)	0	0
Revenue attributed to the reporting period	223,184	220,262	95,416	91,594	137	129	491	554
Plus Surplus/Deficit Prior Year		0		0	187	234	51	137
Funds available for the reporting period	223,184	220,262	95,416	91,594	324	363	542	691
Less Expenses for current period	(223,184)	(220,262)	(95,415)	(91,594)	(128)	(176)	(390)	(640)
Surplus/Deficit for reporting period	0	0	1	0	196	187	152	51

33.2 Acquittal of Commonwealth Government grants

Amounts received and expended pursuant to the Higher Education Funding Act 1988, excluding HECS:

	Teaching hospitals		Capital development pool	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (paid during previous reporting period)	69	68	0	0
Plus Grants received during reporting period	869	855	1,628	0
Less Grants in advance (received in the reporting period for the next reporting period)	(71)	(69)	0	0
Revenue attributed to the reporting period	867	854	1,628	0
Plus Surplus/Deficit Prior Year	0	0	0	0
Funds available for the reporting period	867	854	1,628	0
Less Expenses for current period	(867)	(854)	0	0
Surplus/Deficit for reporting period	0	0	1,628	0



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

33.3 Acquittal of Commonwealth Government grants

Amounts received and expended pursuant to the Higher Education Funding Act 1988, excluding HECS:

Australian Research Council

Parent Entity [University] ONLY

	Large Research		Research Fellowships		International Research Exchange	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (paid during previous reporting period)	671	654	205	168	18	0
Plus Grants received during reporting period	12,194	11,964	3,072	2,655	213	223
Less Grants in advance (received in reporting period for next reporting period)	0	(671)	0	(205)	0	(18)
Revenue attributed to the reporting period	12,865	11,947	3,277	2,618	231	205
Plus Surplus/Deficit Prior Year	2,622	2,609	937	830	(60)	37
Funds available for current period	15,487	14,556	4,214	3,448	171	242
Less Expenses for current period	(13,182)	(11,934)	(3,761)	(2,511)	(294)	(302)
Surplus/Deficit for current period	2,305	2,622	453	937	(123)	(60)

	Research Centres		Research Infrastructure equipment and facilities		Special Research Initiatives	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (during previous reporting period)	167	48	0	0	0	1
Plus Grants received during reporting period	1,927	2,792	2,243	4,924	0	13
Less Grants in advance (received in reporting period for next reporting period)	0	(167)	0	0	0	0
Revenue attributed to the reporting period	2,094	2,673	2,243	4,924	0	14
Plus Surplus/Deficit Prior Year	(636)	440	886	44	23	27
Funds available for current period	1,458	3,113	3,129	4,968	23	41
Less Expenses for current period	(2,256)	(3,749)	(3,137)	(4,082)	(9)	(18)
Surplus/Deficit for current period	(798)	(636)	(8)	886	14	23

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

33.4 Acquittal of Commonwealth Government grants (continued)

Amounts received and expended pursuant to the Higher Education Funding Act 1988, excluding HECS:

DEETYA Research Grants

Parent Entity [University] ONLY

	Small Research		Infrastructure		Australian Postgraduate Awards	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (during previous reporting period)	0	0	0	729	0	0
Plus Grants received during reporting period	3,424	3,082	9,989	12,581	7,322	8,588
Less Grants in advance (received in reporting period for next reporting period)	263	0	754	0	0	0
Revenue attributed to the reporting period	3,687	3,082	10,743	13,310	7,322	8,588
Plus Surplus/Deficit Prior Year	180	285	2,745	368	572	497
Funds available for current period	3,867	3,367	13,488	13,678	7,894	9,085
Less Expenses for current period	(2,940)	(3,187)	(10,591)	(10,933)	(7,651)	(8,513)
Surplus/Deficit for current period	927	180	2,897	2,745	243	572

	International Postgraduate Research Scholarships		SPIRT Other including Australian Postgraduate Awards (Ind.)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (during previous reporting period)	0	0	264	0
Plus Grants received during reporting period	1,324	1,385	4,766	3,595
Less Grants in advance (received in reporting period for next reporting period)	0	0	0	(264)
Revenue attributed to the reporting period	1,324	1,385	5,030	3,331
Plus Surplus/Deficit Prior Year	1,574	225	(264)	369
Funds available for current period	2,898	1,610	4,766	3,700
Less Expenses for current period	(1,780)	(36)	(5,647)	(3,964)
Surplus/Deficit for current period	1,118	1,574	(881)	(264)



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

33.5 Summary of Unspent Grants

	Amount of unspent grant as at 31 December 2000	Amount of unspent grant that is more likely to be approved by the Commonwealth for carrying forward	Amount of unspent grant that is more likely to be recovered by the Commonwealth
Category of grant	2000 \$,000	2000 \$,000	2000 \$,000
Operating excluding HECS	0	0	
HECS	0	0	
Equity of opportunity	196	196	
Higher education innovation program	152	152	
Teaching hospitals	0	0	
Capital development pool	1,628	1,628	
Large research	2,305	2,305	
Research fellowships	453	453	
International researcher exchange	(123)	(123)	
Research centres	(798)	(798)	
Research infrastructure equipment and facilities	(8)	(8)	
Special research initiatives	14	14	
Small research	927	927	
Infrastructure	2,897	2,897	
Australian postgraduate award	243	243	
International postgraduate research scholarships	1,118	1,118	
SPIRT Other incl. postgraduate awards (Ind.)	(881)	(881)	
Total	8,123	8,123	

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

34. Expense by function

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Academic activities				
Academic staff salaries	149,930	157,959	149,930	157,959
Academic staff salary related expenses	49,388	39,595	49,388	39,595
Non-academic staff salaries	74,175	75,766	74,175	75,766
Non-academic staff salary related expenses	18,300	20,318	18,300	20,318
Depreciation expenses:				
Plant and equipment	6,410	6,541	6,410	6,541
Computer equipment	2,746	2,741	2,746	2,741
Motor vehicles	448	337	448	337
Infrastructure	1,632	1,615	1,632	1,615
Buildings	10,144	9,976	10,144	9,976
Leasehold improvements	315	406	315	406
Other expenses	116,751	101,664	116,751	101,664
Total	430,239	416,918	430,239	416,918
Libraries				
Academic staff salaries	147	0	147	0
Academic staff salary related expenses	44	0	44	0
Non-academic staff salaries	10,324	11,664	10,324	11,664
Non-academic staff salary related expenses	2,276	2,557	2,276	2,557
Depreciation expenses:				
Plant and equipment	127	150	127	150
Computer equipment	55	39	55	39
Motor vehicles	9	2	9	2
Infrastructure	248	247	248	247
Buildings	1,540	1,527	1,540	1,527
Library	8,972	8,741	8,972	8,732
Other expenses	8,381	7,597	8,381	7,594
Total	32,123	32,524	32,123	32,512
Other academic support services				
Academic staff salaries	925	903	925	903
Academic staff salary related expenses	324	264	324	264
Non-academic staff salaries	13,822	13,948	13,813	13,935
Non-academic staff salary related expenses	3,278	3,617	3,276	3,617
Depreciation expenses:				
Plant and equipment	806	839	806	839
Computer equipment	345	285	345	285
Motor vehicles	56	85	56	85
Infrastructure	103	77	103	77
Buildings	486	476	486	476
Other expenses	17,249	18,439	17,249	18,439
Total	37,394	38,933	37,383	38,920



Notes to the Financial Reports for the Financial Year Ended 31 December 2000

34. Expense by function (continued)

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Student services				
Academic staff salaries	493	309	493	309
Academic staff salary related expenses	156	84	156	84
Non-academic staff salaries	3,171	3,134	3,171	3,026
Non-academic staff salary related expenses	761	762	761	742
Depreciation expenses:				
Plant and equipment	24	26	24	26
Computer equipment	10	2	10	2
Motor vehicles	2	8	2	8
Infrastructure	199	196	199	196
Buildings	1,235	1,212	1,235	1,212
Other expenses	5,714	4,731	5,710	4,731
Total	11,765	10,464	11,761	10,336
Public services				
Academic staff salaries	754	693	754	693
Academic staff salary related expenses	240	265	240	265
Non-academic staff salaries	1,161	1,048	1,161	1,048
Non-academic staff salary related expenses	316	241	316	241
Depreciation expenses:				
Plant and equipment	19	21	19	21
Computer equipment	8	4	8	4
Motor vehicles	1	3	1	3
Infrastructure	51	50	51	50
Buildings	319	312	319	312
Other expenses	2,223	1,334	2,223	1,334
Total	5,092	3,971	5,092	3,971
Buildings and grounds				
Non-academic staff salaries	5,747	5,710	5,747	5,643
Non-academic staff salary related expenses	1,320	1,442	1,320	1,436
Depreciation expenses:				
Plant and equipment	37	14	37	14
Computer equipment	16	12	16	12
Motor vehicles	3	29	3	29
Infrastructure	12	12	12	12
Buildings	74	72	74	72
Other expenses	20,847	18,830	20,850	16,725
Total	28,056	26,121	28,059	23,943

Notes to the Financial Reports for the Financial Year Ended 31 December 2000

34. Expense by function (continued)

	Economic Entity (Consolidated)		Parent Entity (University)	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Administrative and other general institutional services				
Academic staff salaries	2,835	2,964	2,835	2,964
Academic staff salary related expenses	3,567	830	3,567	830
Non-academic staff salaries	31,736	30,028	28,633	27,619
Non-academic staff salary related expenses	6,228	10,424	6,221	10,110
Depreciation expenses:				
Plant and equipment	1,020	628	900	439
Computer equipment	441	783	386	783
Motor vehicles	66	129	63	129
Infrastructure	196	242	196	242
Buildings	1,376	1,005	1,376	1,005
Works of art	9	0	0	0
Leasehold improvements	224	126	98	0
Other expenses	64,584	42,760	58,687	39,409
Total	112,282	89,919	102,962	83,530
Deferred employee benefits for superannuation				
Academic staff salary related expenses	(45,898)	(29,211)	(45,898)	(29,211)
Non-academic staff salary related expenses	(40,702)	(24,884)	(40,702)	(24,884)
Total	(86,600)	(54,095)	(86,600)	(54,095)
Summary of expenses by function				
Academic staff salaries	155,084	162,828	155,084	162,828
Academic staff salary related expenses	53,719	41,038	53,719	41,038
Non-academic staff salaries	140,136	141,298	137,024	138,701
Non-academic staff salary related expenses	32,479	39,361	32,470	39,021
Depreciation expenses:				
Plant and equipment	8,443	8,219	8,323	8,030
Computer equipment	3,621	3,866	3,566	3,866
Motor vehicles	585	593	582	593
Infrastructure	2,441	2,439	2,441	2,439
Buildings	15,174	14,580	15,174	14,580
Libraries	8,972	8,741	8,972	8,732
Works of art	9	0	0	0
Leasehold improvements	539	532	413	406
Other expenses	235,749	195,355	229,851	189,896
Deferred employee benefits for superannuation	(86,600)	(54,095)	(86,600)	(54,095)
Total	570,351	564,755	561,019	556,035

Paul W. Slater, BEc,FCPA,FCIS,MAICD
Director, Financial Services

**END OF FINANCIAL STATEMENTS
AUDITED BY THE AUDITOR GENERAL**



Finance – Year 2000 in Review

The University's Year 2000 Operating Surplus of \$26.8 million (\$22.2 million in 1999) resulted from Operating Revenue of \$674.4 million (\$632.3 million) and Operating Expenditure of \$647.6 million (\$610.1 million). The above results exclude negative amounts of (\$86.6 million) in 2000 and (\$54.1 million) in 1999 of non-cash income representing reductions in deferred government contributions for superannuation. These negative income items are totally offset by corresponding negative amounts of non-cash expenditure for reduced deferred employee superannuation benefits.

Deferred Superannuation

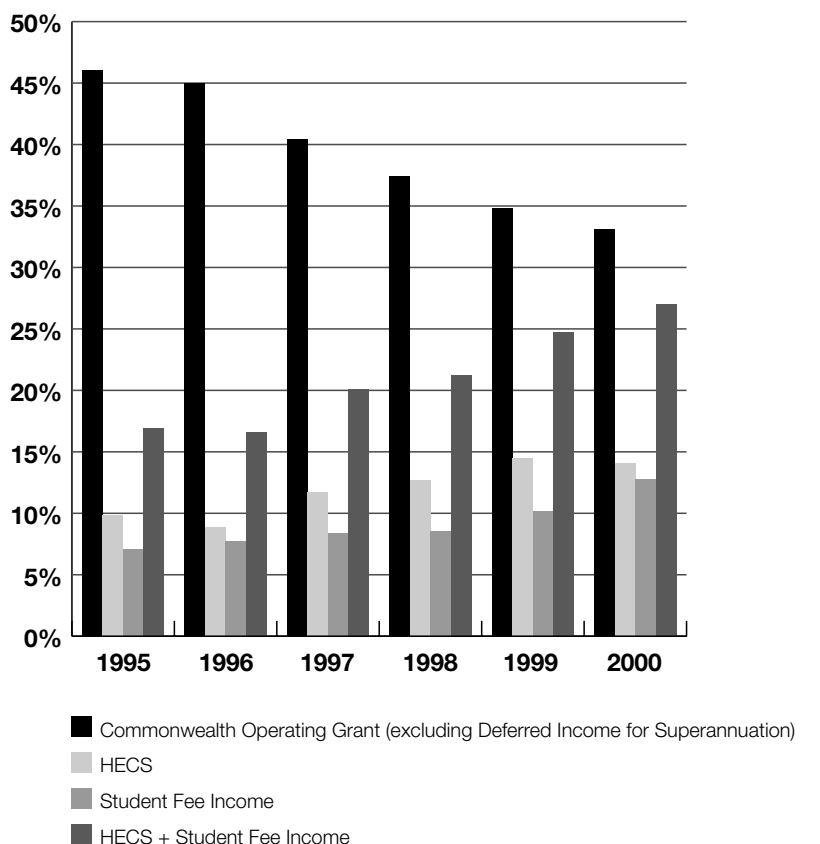
The deferred income and the offsetting deferred employee benefits for superannuation, both with a value of (\$86.6 million) referred to above, relate to the movement on the assessed unfunded liability for superannuation as advised by the State Authorities Superannuation Board as at 31 December 2000 of \$173.3 million. The Commonwealth/State Governments have accepted responsibility for these unfunded amounts and the governments are shown as debtors in the Statement of Financial Position for this purpose. These corresponding items of Operating Revenue and Operating Expenditure are excluded in this report so as to provide meaningful comparison of the University's financial performance with that of the previous year.

Operating Revenue

The Operating Surplus for 2000 of \$26.8 million was achieved by the University in spite of the continuing financial pressures associated with the reduction in funding provided by the Commonwealth Government. The reduction of 1 per cent in 2000 is a continuation of the funding cuts announced in the 1996 Commonwealth budget.

The impact of continued reductions to the Commonwealth Government Operating Grant and the reliance of the University on revenue provided through HECS and other student fees is set out in the accompanying graph which shows the percentage of these sources of funds as a proportion of Total Operating Revenue.

Commonwealth Operating Grant, HECS and Fees from Students as a % of Total Revenue



Whilst the Commonwealth Government Operating Grant of \$223.5 million remains the largest single source of University revenue, its proportion has decreased from 46.0% in 1995 to 33.1% in the year 2000.

Conversely the income provided from HECS and student fees totalling \$182.0 million in the form of course fees of \$86.6 million and HECS payments of \$95.4 million has increased from 16.9% of Total Operating Revenue in 1995 to 27.0% in 2000.

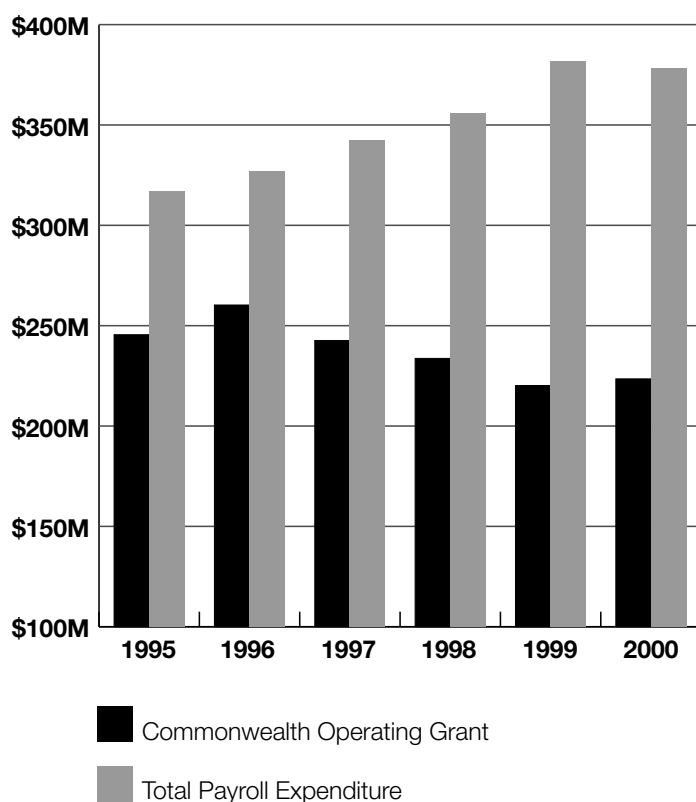
The course fees income of \$86.6 million represented an increase of \$22.3 million or 34.7% over the 1999 amount of \$64.3 million. Fees from overseas students at \$48.8 million (\$35.7 million) accounted for \$13.1 million or 58.8% of the increase. Local full fee paying students contributed an additional \$4.1 million to Operating Revenue during 2000 representing an increase of 36.5% to a new level of \$15.2 million. Summer School revenue doubled during 2000 to a total of \$3.4 million for the year.

The income provided from HECS and student fees at \$182.0 million, increased by \$26.2 million over the previous year and accounted for almost two thirds of the increase to Total Operating Revenue.

Operating Expenditure

Operating Expenditure (excluding deferred superannuation) increased by \$37.5 million or 5.8% over the previous year. Whilst employee benefits in the form of salaries and related costs was relatively steady, the pressure on University finances from the combined impact of reductions to the Commonwealth Operating Grant and the increases in payroll expenditure are shown in the graph below. It should be noted that there was a one-off increase in payroll expenditure in 1999 corresponding to the introduction of accrual accounting for accumulated annual leave.

Commonwealth Operating Grant versus Total Payroll Expenditure



In 1995 the gap between the Commonwealth Operating Grant and Total Payroll Expenditure was \$71.6 million with the Operating Grant representing 77.4% of the Payroll costs. By year 2000 this gap has grown to \$154.8 million with the Operating Grant representing only 59.0% of the Total Payroll expenditure. The gap has widened by \$83.2 million or 116.3% over that time.

Capital Expenditure

The University continued to apply significant resources to upgrading its infrastructure and plant and equipment during 2000. Expenditure totalling \$57.3 million (\$51.4 million in 1999) was incurred on the following:-

Plant and Equipment	\$15.6m
Buildings, infrastructure and leasehold improvements	\$31.8m
Library - Undergraduate and Research collections	\$9.2m
Other	\$0.7m

Funding for the 2000 Capital Development Program included a notional amount of \$17.4 million, which is rolled into the Commonwealth Operating Grant. This amount is inadequate to fund the essential works and preventative maintenance each year and is supplemented by the investment earnings from the University's discretionary funds. In 2000 a total amount of \$10.0 million was provided from this source to which was added direct funding from the academic colleges totalling \$7.2 million to provide total funding of \$34.6 million from 2000 operating revenue. Improved management of the Capital Development Program enabled \$15.8 million of funds held in Reserve and a reallocation of \$6.7 million from the previous year to be employed to provide total funding of \$57.1 million for 2000.

UNIVERSITY OF SYDNEY RESULT 2000

A summary of the revenue received in 2000 (including comparison with 1999) and the manner in which it was applied is set out below.

Revenue was received from the following sources:

	2000	1999
	\$M	\$M
Commonwealth Government Operating Grant	223.5	220.2
Other Government Funding for Operations	7.9	5.3
Research funding	94.7	92.2
HECS	95.4	91.6
Income from student fees	86.6	64.3
Private income sources	166.3	158.7
Deferred income (super)	(86.6)	(54.1)
	<hr/> 587.8	<hr/> 578.2

And was applied to the following areas:

Operating Expenses

Academic staff salaries	155.1	153.3
Non-academic staff salaries	137.0	138.3
Payroll On-Costs	86.2	90.0
Depreciation	39.5	38.6
Other operating expenses	229.8	189.9
Deferred super benefit	(86.6)	(54.1)
Total operating expenses	<hr/> 561.0	<hr/> 556.0

Operating surplus

	<hr/> 26.8	<hr/> 22.2
--	------------	------------

Capital expenditure was incurred during the year on:

Purchase of plant and equipment	15.6	19.4
Infrastructure, building and refurbishment	31.8	22.3
Library	9.2	9.3
Heritage	0.2	0.2
Other	0.5	0.3
Total capital expenditure	<hr/> 57.3	<hr/> 51.5



The University of Sydney Operating Statement for the year ended 31 December, 2000

Parent Entity University	Budget 2000 \$000	Actual 2000 \$000	Budget 2001 \$000
OPERATING REVENUE			
Commonwealth government grants	310,828	305,882	315,506
Higher education contributions scheme			
- Student contributions	23,383	21,632	22,551
- Commonwealth payments	73,784	73,784	79,270
New South Wales government grants	3,200	4,727	3,500
Superannuation			
- Deferred government contributions		(\$86,600)	
- Commonwealth supplementation	1,535	1,423	1,922
Fees and charges	89,985	96,070	104,207
Investment income	49,094	55,043	45,001
Royalties, trademarks and licenses	735	824	674
Consultancy and contract research	42,884	48,080	39,308
Other revenue	59,691	66,923	54,714
	655,119	587,788	666,653
OPERATING EXPENSES			
Employee benefits	375,481	378,297	390,478
Deferred government contributions		(\$86,600)	
Depreciation and amortisation		39,471	
Buildings and grounds expenses	32,404	23,579	32,054
Bad and doubtful debts		697	
Net losses from disposal of assets		14,362	
Other expenses	248,078	191,213	245,241
	655,963	561,019	667,773
Total operating expenses			
Operating result	(844)	26,769	(1,120)

Notes

- (1) The approved budget has been adjusted above to take account of the year end presentation for net accounting adjustments for fixed assets and depreciation to provide a more meaningful comparison. However, other year end entries including deferred government contributions are not included in the development of the approved budget.
- (2) Of the total \$655m budget for the University approximately 80% (\$522m) supports the general teaching and research activities.
- (3) Actual income for the year exceeded budget for non-grant income (fees and charges, investment and other income).
- (4) Actual expenditure levels overall were within operating budgets.
- (5) The improvement in Operating Result is mainly due to higher than anticipated non-government income.
- (6) The 2001 budget will be revisited mid-year following the 2000 outcomes.

Financial Services Division

During the latter part of 1999 and the first half of 2000, the University incorporated changes into its PeopleSoft financial modules in preparation for the introduction of the new Goods and Services Tax (GST). The changes were implemented successfully in time for the introduction of GST on 1 July 2000. The implementation included a rollout of the Billing and Accounts Receivable finance modules to enable users to have first hand access to the system.

During the second half of 2000, the University commenced work to upgrade the full suite of the PeopleSoft Financial Modules to Version 7.5. The General Ledger, Purchasing, Accounts Payable, Billing, Accounts Receivable and Fixed Assets modules had been implemented in Version 6 in January 1999. A dedicated project was established and the upgrade was implemented in March 2001.

Improvements made to the Fixed Assets system during 2000 improved the effectiveness of processing of data at the initial transaction stage as well as for the ongoing maintenance and integrity of the records within the University's financial reporting systems.

Investments and Investment Performance

The University's investment portfolio is derived from a number of sources. These include balances of bequests and donations, government grants, research awards, fees and business activities. The funds are held for general operations, research, infrastructure, reserves and provisions.

Investments in fixed interest, money market and mortgage securities represented 61 per cent of the total market value of funds in the portfolio. The balance was held in equities and real estate.

Under the Annual Reports (Statutory Bodies) Regulations, the University must include details of the investment performance of its surplus funds and, for comparison, the return on the appropriate NSW Treasury Corporation Hour-Glass investment facility. In the table below, the University's return for All Funds is compared with that of the NSW Treasury Corporation Hour-Glass Medium Term Growth units.

Investment performance

	University investment category All funds	Treasury Hour-Glass benchmark Medium term growth
Return 2000	8.2%	10.7%
Return 1999	5.2%	3.3%

The return on the University's All Funds for the year was 8.2 per cent as compared to 10.7 per cent for the Hour-Glass Medium Term Growth units. The main reason for the difference in performance was related to the University portfolios including 9% of the total market value of funds in real property, while the Hour-Glass medium term Growth Units had no investment in that asset class.

Creditors payment performance for the period ended 31 December 2000

	December Quarter 2000		September Quarter 2000		June Quarter 2000		March Quarter 2000	
	Actual	Target	Actual	Target	Actual	Target	Actual	Target
Percentage of accounts paid on time:								
by number of invoices	86%	90%	89%	90%	90%	90%	88%	90%
by value	91%	90%	90%	90%	91%	90%	90%	90%
	(\$'000)		(\$'000)		(\$'000)		(\$'000)	
Amount of accounts paid on time	81,136		71,319		71,283		82,144	
Total amounts of accounts paid (excludes investments)	89,118		79,141		78,322		91,036	

Summary of land owned or occupied by the University

Land currently used or planned for teaching and research purposes

The major teaching and research facilities of the University are located on the main University site of 33 hectares bounded by City Road and Parramatta Road, Sydney, together with a 14 hectare site known as Darlington Extension Area, bounded by City and Darlington Roads, and Cleveland, Shepherd, Lander, Raglan, Abercrombie and Codrington Streets.

Further land comprises a 3.6 hectare area of the Darlington Extension Area, bounded by Darlington Road and Codrington, Abercrombie and Golden Grove Streets. This area is zoned "Special Uses – University Purposes" and the majority of residential premises have been demolished to make way for both current and future University facilities.

Teaching and research facilities are also located at the Law School, in Philip Street, Sydney, the Faculty of Health Sciences, Lidcombe, the Sydney College of the Arts, Rozelle, Sydney Conservatorium of Music, Sydney, the Faculty of Nursing, Camperdown, the Community Medicine Medical Practice at Balmain, the Australian Graduate School of Management, Kensington, the Australian Technology Park, Redfern, Faculty of Rural Management, Orange, the Australian Archaeological Institute at Athens and Thessaloniki, Greece and the University Teaching Hospitals.

In addition, the teaching and research activities of the Faculties of Veterinary Science, Agriculture and Science are supported by 21 farms and/or field stations throughout eastern Australia, comprising a total area of approximately 14,000 hectares and owned by the University. The University holdings of land for teaching and research are largely under specialised land zonings and were valued as at 31 December 1996 at \$188,711,613.

Investment properties in support of teaching and research

The University owned 70 properties in this category as at 31 December 2000. These were valued at \$81,334,000 (book value: \$44,982,494).

Three properties were sold during 2000 with a gross realisation of \$732,000 (Book Value \$540,000) and one property was purchased for student housing at a cost of \$430,000.



Controlled entities

The Museum of Contemporary Art

The MCA's accounts record the 2000 revenue at \$7,891,786 with an operating deficit after abnormal items of \$499,222. The museum itself generated 83 per cent of revenue, 14 per cent rental subsidy was received from the NSW Ministry of the Arts and 2 per cent was received from various government grants.

The Museum's revenue was generated from sources such as sponsorship, membership, donations, rental income and two retail shops. Corporate sponsorship accounted for 6 per cent of revenue during 2000. Donations accounted for 15 per cent of revenue and 18 per cent of the museum's revenue came from venue hire.

Rural Australia Foundation Limited

The Rural Australia Foundation Limited is a company limited by guarantee. Its objectives are to promote the development of agriculture by research, scholarship and other suitable means and, in particular, the development of the University of Sydney Orange Campus and Faculty of Rural Management in furthering its objectives.

In 2000 the Company has continued to support students at Orange through the operation of the campus bookshop and the FC Pye entrance scholarship. The company has also continued its support for the Overseas Travel Scholarship and the ongoing costs associated with the newly appointed Chair in Farm Management within the Faculty of Rural Management.

The Wentworth Annexe Limited

The Wentworth Annexe Limited administers the planning and construction of the Wentworth Annexe and other building work that the University of Sydney Union may wish to be undertaken. As this is a non-trading enterprise, performance and accrual performance measures are not applicable.

Work commenced in July 1999 on the redevelopment of Manning House and was completed in September 2000. Some residual works still require attention and will be completed in the 2001 year.

Consultants

\$

A C Nielsen Aust P/L	95,399	Michael Page International	34,270
ACIC P/L	62,340	MJP Consulting P/L	44,000
ACIIC Ltd	125,210	Mumiga Pty Ltd	39,700
Anna Vnuk & Co	44,000	Nelso Taylor Fox P/L	124,800
Aspect Computing & Co	265,850	Netcare 2000 Group Pty Ltd	39,200
Barclays Global Investors Aust	38,436	NSW Dept Education & Training	82,500
Bella Vista Consulting	127,482	NSW Health Department	40,928
BIOCRAFT Pty Ltd	58,400	O R Systems P/L	268,507
Biospot	68,759	P I Consulting (NSW) P/L	31,725
Brondum Pty Ltd	118,311	Payroll Specialists P/L	149,066
Central Sydney Area Health Service	53,951	Peoplesoft Australia P/L	201,181
Clark Charter Services Pty Ltd	41,483	Peter Voysey & Associates P/L	83,699
Dal Research Systems P/L	33,331	Randombase	118,456
Dalrymple-Hay & Co	60,639	S & M Drubetsky Comp Services	86,565
Deloitte Consulting	546,750	Siri Consultants P/L	81,404
Diagnosis P/L	33,122	Smalls Recruiting	34,717
Ebioinformatics Pty Ltd	69,047	Solar Science Corporation Ltd	53,822
Ecolaw Pty Ltd	70,748	STGBRF	88,053
Effy Papadimitriou Consulting Serv P/L	149,825	Sybase Australia P/L	81,990
Entec Pty Ltd	200,474	Translate Consulting Group P/L	40,600
Executive Interim Management	129,216	Trevor Long & Associates P/L	149,380
Flood & Poidevin	64,530	Veterinary Imaging Associates	75,314
G C Macgregor & Associates	35,142	Wutchiett & Associates Inc	41,201
G Thompson Hutton	34,945		
G W Manefield	72,166	TOTAL > 30 K	7,074,167
Garlick Consulting Pty Ltd	94,950		
Gay Lysenko	48,114	TOTAL < 30 K	4,490,251
Graeme V Jones & Associates P/L	54,344		
Grosvenor Computing Consultants P/L	109,411	TOTAL	11,564,418
Grosvenor Management Consulting	45,000		
Gungartan Technology Pty Ltd	48,313		
IBM Global Services Australia Ltd	73,318		
IDP Education Australia Ltd	275,541		
Institute of Respiratory Medicine	172,500		
Integrated Business Technologies	581,599		
Interim Technology Associates P/L	166,427		
Ipac Portfolio Management	56,250		
IT & T Education	35,757		
Janmic Pty Ltd	66,715		
Knapp & Moore Pty Ltd	232,276		
La Trobe University	55,873		
Lahz Nimmo Architects P/L	39,651		
Lauren M Jones	80,205		
Lockenet	46,650		
Loquinar Pty Ltd	65,948		
Macquarie Research Ltd	46,957		
Magic Bean Software Pty	53,691		
Med-E-Serv Pty Ltd	34,043		





The University of Sydney