



Adelaide University >>



>> Annual Report

2000

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Report of the Council of Adelaide University

for the period 1 January 2000 to 31 December 2000.

To His Excellency, the Honourable Sir Eric Neal, AC, CVO, Governor of South Australia,
May it please Your Excellency, I have the honour to transmit to Your Excellency the Report
of the Council of Adelaide University for the period 1 January 2000 to 31 December 2000,
furnished in compliance with Section 25 of the University of Adelaide Act 1971.

Robert Champion de Crespigny
Chancellor

MESSAGE FROM THE

Vice-Chancellor



Adelaide University's continuing reputation – and its future success – depends to a large degree on its position as one of Australia's leading knowledge-intensive universities. In 2000, the University enhanced this reputation and lifted its national and international profile as a frontrunner in crucial fields of research and as a provider of innovative and high quality education programs.

Early in the year, we mourned the loss of our Chancellor, Bruce Webb, and former Chancellor, Dame Roma Mitchell, both of whom made important contributions to the development of the University over many years. The new Chancellor, Robert Champion de Crespigny, brings a breadth of experience to the role, in the realms of business and public institutions.

The University's aim is to be a high-quality university with an international impact, drawing revenue from a variety of public and private sources, in domestic and overseas markets. The year 2000 was the first in the operation of a new five-year Operational Plan, which aims to take the University closer to achieving this vision.

In 2000, widespread interest was generated for innovative programs such as the Masters Degree in Science and Technology Commercialisation and the Masters Degree in Gastronomy. Both of these programs demonstrate the increasing importance the University places on its links with other

organisations and institutions. The programs are offered in conjunction with world-renowned institutions – the University of Texas at Austin and the French cooking school, Le Cordon Bleu, respectively.

Links with the community and industry were also strengthened in 2000. The University played a central role in the technology behind the Olympic torch and cauldron, focusing attention on the excellence of our engineering research. An official agreement was signed to establish the Santos School of Petroleum Engineering and Management, funded by \$25 million sponsorship from Santos over the next 10 years.

The University is supporting its key research strengths through its capital works program. The opening in October of the \$18 million Molecular Life Sciences Building will ensure that the University will continue to be an international leader in bioscience. Another pleasing development in 2000 was the increased international recognition in the University's multidisciplinary research strengths, particularly in food, wine and nutrition.

Quality is one of the hallmarks of a great university. Adelaide has been dedicated to ensuring the ongoing high quality of its programs. The University established a quality assurance office in 1994 and was among the top-ranking universities in the quality rounds of the mid 1990s.

Of course, behind all of these achievements were the efforts of a committed and hard-working group of staff, students and supporters. You will read more about their individual and collective accomplishments throughout this report. Their efforts in 2000 have provided a solid foundation for Adelaide University's continued growth and success.

Mary O'Kane
Vice-Chancellor

Chancellor

Mr Bruce Webb, AM, until 17 March 2000

Mr Robert Champion de Crespigny from 5 June 2000

Vice-Chancellor

Professor Mary O'Kane

Financial Statistics

	2000	1999
Consolidated operating revenue	306.605 m	308.567 m
University operating revenue	273.901 m	273.900 m
Consolidated research grants, fees and other research revenue	70.322 m	63.709 m
International student fees	19.795 m	21.524 m

Student Numbers*

Total	12,885	13,429
Male	6,794	7,107
Female	6,151	6,322
Undergraduates	10,271	10,753
Higher degree research	1,221	1,204
Higher degree coursework	556	531
Other postgraduate	662	743
Aboriginal and Torres Strait Islander	140	141
Other	175	198
Total student load (EFTSU)	11,293	11,672

*Source: DETYA selected higher education student statistics

Staff (FTE)*

Total	2,462	2,534
Academic	1,052	1,145
Non-academic	1,410	1,389

*FTE Full-time Equivalent; includes casual staff

Campuses

North Terrace

Roseworthy

Thebarton

Waite

Faculties

Agricultural and Natural Resource Sciences

Engineering, Computer and Mathematical Sciences

Health Sciences

Humanities and Social Sciences

Performing Arts, Law, Architecture, Commerce and Economics

Science

Commonwealth-Funded Research Centres

Funded by the Australian Research Council:

Key Centre for Social Applications of Geographical Information Systems
Special Research Centre for the Molecular Genetics of Development
Special Research Centre for the Subatomic Structure of Matter

Cooperative Research Centres

Australian Petroleum CRC
CRC for Biological Control of Pest Animals
CRC for Cattle and Beef Quality
CRC for Clean Power from Lignite (previously CRC for New Technologies for Power Generation from Low-Rank Coal)
CRC for Molecular Plant Breeding
CRC for Premium Quality Wool
CRC for Sensor Signal and Information Processing
CRC for Tissue Growth and Repair
CRC for Viticulture
CRC for Water Quality and Treatment
CRC for Weed Management Systems
CRC for Welded Structures (previously CRC for Materials Welding and Joining)

University-Designated Research Centres

Adelaide Research Centre for the Humanities and Social Sciences
Australian Centre for Environmental Law
Centre for Amphibian Studies
Centre for Applied Modelling in Water Engineering
Centre for Biomedical Engineering
Centre for British Studies
Centre for Computer Systems and Software Engineering
Centre for Evolutionary Biology and Biodiversity
Centre for Plant Root Symbiosis
Centre for High Performance Integrated Technologies and Systems
Centre for Infrastructure Diagnosis, Assessment and Rehabilitation
Centre for International Economic Studies
Centre for Labour Research
Centre for Plant Membrane Biology
Centre for Telecommunications Information Networking
Chinese Economies Research Centre
Corporate and Business Law Centre
Institute for Geometry and its Applications
Institute for Information Technology and Telecommunications
National Centre for Petroleum Geology and Geophysics
Research Centre for Women's Studies
South Australian Institute for Theoretical Physics (incorporating the National Institute for Theoretical Physics)

Faculty Research Groups/Units

Centre for Asian and Middle Eastern Architecture
Centre for Economics Education
Centre for the History of Food and Drink
Centre for Turbulence and Energy Combustion
Colgate Australian Clinical Dental Research Centre
Dental Statistics and Research Unit
Fire Safety Research Unit
Franco-Australia Centre for International Research in Marketing
Forensic Odontology Unit
Horticultural Plant Improvement Group
Joanna Briggs Institute for Evidence Based Nursing
Research Centre for South East Asian Ceramics
Road Accident Research Unit
Teletraffic Research Centre

Joint University Units

Australian Information Technology Engineering Centre
South Australian Centre for Economic Studies
South Australian Centre for Parallel Computing

Key Research/Teaching Affiliations

Australian Wine Research Institute
Commonwealth Scientific and Industrial Research Organisation
Institute of Medical and Veterinary Science
Modbury Public Hospital
Museum of Migration and Settlement
Northwestern Adelaide Health Service
Primary Industries and Resources South Australia
Queen Elizabeth Hospital
Royal Adelaide Hospital
Royal Zoological Society
South Australian Museum
South Australian Research and Development Institute
State Library of South Australia
Tandanya National Aboriginal Cultural Institute
Women's and Children's Hospital



External

ENVIRONMENT

At the end of 1999 the Minister for Education, Training and Youth Affairs, Dr David Kemp, released a white paper – **Knowledge and Innovation: a policy statement on research and research training** – which announced major changes to arrangements for the funding of higher education research. The new framework provides for the establishment of the Australian Research Council (ARC) as an independent body, and performance-based funding for research training and research activity in universities. It also introduces a broad quality verification process supported by universities' research and research training management plans.

The **Group of Eight (Go8)** research-intensive universities established a permanent secretariat in Canberra and appointed Ms Virginia Walsh as its first Executive Director. In August the Group released its first policy paper, *Imperatives and Principles for Policy Reform in Australian Higher Education*, calling for "a fair, consistent, stable and sustainable policy environment which allows Australia's higher education system as a whole to reach its full potential". A second discussion paper – *Research and Innovation: Australia's Future* was released in December. The Group of Eight argues that the recommended funding increases contained in the Chief Scientist's report, *A Chance to Change*, and the report of the Innovation Summit Implementation Working Group do not go far enough to close the gap between Australia's research investment and that of other OECD countries. The Group of Eight paper argues that the additional investment required over the next five years to bring Australia up to the 1998 OECD average proportion of GDP devoted to Research and Development will be

\$13.65 billion, to be sourced from business, the Commonwealth, and non-Commonwealth public sector sources. The paper cites both the serious consequences of a failure to invest in the knowledge economy, as well as the substantial future rewards of far-sighted innovation policy.

A new **Senate enquiry into higher education** was launched in October. The enquiry is to analyse the capacity of public universities to meet Australia's higher education needs. The impact of market forces and funding cuts on the tertiary sector will be investigated, along with issues of regulation, quality, access, and infrastructure. The Senate committee which deals with employment, work-place relations, small business and education will undertake the enquiry; it is expected to submit its report in August 2001.

Late in 1999 the Minister announced the formation of a new **national quality assurance framework** for Australian higher education institutions. In 2001 the Government will establish an Australian University Quality Agency which will conduct 5-yearly audits of universities' quality assurance processes. Currently institutions are required to submit to the Commonwealth Quality Assurance and Improvement Plans which detail their goals, strategies and indicators of performance and success, but there is no external review of the quality assurance process or standards. Reports of the Agency will be published and made publicly available; institutions found deficient may become ineligible for Commonwealth funding for certain activities. The new quality regime will also include more consistent accreditation and course approval processes for all higher education providers. In order to ensure that it complies with the Government's quality requirements and that it achieves its own goals for quality assurance, the University has given special emphasis to this issue by treating it as a core part of the portfolio of the Deputy Vice-Chancellor (Education). The Academic Board has also developed an enhanced approval process for new programs which is undertaken by the Academic Program Accreditation and Review Panel (APARP).

The Chance to Change, the Chief Scientist's final report into **Australia's science capability**, was released in November. Dr Batterham's paper called for a doubling of funding for the Australian Research Council (ARC), doubling the number of postgraduate fellowships, significant funding increases for university research infrastructure and relieving the burden of higher HECS charges for some science students.

The National Innovation Summit was held in Melbourne in February. Organised by the Commonwealth Government and the Business Council of Australia, the Summit's stated aim was to "achieve broad consensus on clear strategies to enhance Australia's competitiveness through innovation and thereby encourage economic growth". The final report of the **Innovation Summit Implementation Group**, *Innovation: Unlocking the Future* (the Miles Report) was released in September. It calls for the Federal Government to increase funding for both research infrastructure and the ARC's competitive grants programs. In other recommendations it calls for: the Commonwealth and business to fund extra degree places in targeted areas of skills shortage, such as mathematics and information technology; a review of tax deductibility for self education; an increase in the research and development tax concession from 125% to 130%; a national innovation awareness campaign; and new funding for enterprise and innovation scholarships.

Both the Batterham and Miles reports ensured that the urgent need for increased public support for the national research effort received extensive coverage in the media.

The 2000 Olympic Games in September provided a showcase for the University's engineering research. Adelaide's involvement in the development of the flame technology for the **Olympic torch and cauldron** was one of the year's outstanding communication successes. Considerable public attention was focused on researchers from the Departments of Mechanical and Chemical Engineering and their industrial partner Fuel and Combustion Technology (FCT), who were responsible for the engineering design of the main stadium burner, the community cauldrons which travelled with the torch, and the torch flame itself.

Governance

In March the University community was saddened by the **death of the Chancellor**, Mr Bruce Webb, AM. He was appointed Chancellor in March 1998, having been a member of the University Council since 1995 and Convenor of the Finance Committee from April 1997 to May 1998. Hundreds of mourners attended Mr Webb's funeral service, which was held in the Bonython Hall.

The University was also saddened by the **death of its former Chancellor**, Dame Roma Mitchell, DBE, AC, CVO. Dame Roma's association with the University extended over sixty-five years – as a student, part-time lecturer, a member of the Council, Deputy Chancellor, Chancellor and Visitor. The University was particularly grateful to be remembered in Dame Roma's will.

The Chairman, founder and Chief Executive Officer of Normandy Mining Ltd, Mr Robert Champion de Crespigny, was appointed by the Council as the **University's new Chancellor** in June. Mr Champion de Crespigny is also Chairman of the South Australian Museum, Chairman of the Australian Gold Council, a member of the Council for Aboriginal Reconciliation, a Director of the Business Council of Australia and a member of the Minerals Council of Australia.

At his first meeting as Chancellor Mr Champion De Crespigny proposed the establishment of a new, **Chancellor's Committee** – an advisory committee to the Chancellor on Council business – which was approved by Council. The new Committee is comprised of the Chancellor, Deputy Chancellor, Vice-Chancellor, and the Convenors of the standing committees of Council; two additional members may be appointed by the Council.

During the year Mr Ross Adler, AO, accepted an invitation to become Convenor of the University's Finance Committee, replacing Mr Michael Abbott, QC, who served as Convenor for 1999–2000.

Council Members at 31 December 2000

Ex Officio Members

Mr Robert Champion de Crespigny (Chancellor)
Professor Mary O'Kane (Vice-Chancellor)

Appointed Members

Mr Ross Adler AO
Mr Brian Croser AO (Deputy Chancellor)
Ms Jane Jose
Dr Jane Lomax-Smith
The Hon Justice John Perry
Dr Helen Reid OAM
Ms Kate Spargo

Co-opted Member

The Hon Gregory Crafter

Elected (Senate)

Mr Michael Abbott QC
Dr Jeanette Linn
Dr Harry Medlin (Emeritus Senior Deputy Chancellor)

Elected (Academic Staff)

Dr Rodney Crewther
Dr Peter Gill
Dr Susan Richardson

Elected (General Staff)

Ms Janet Dibb-Smith
Mr John Cecchin JP

Student Members

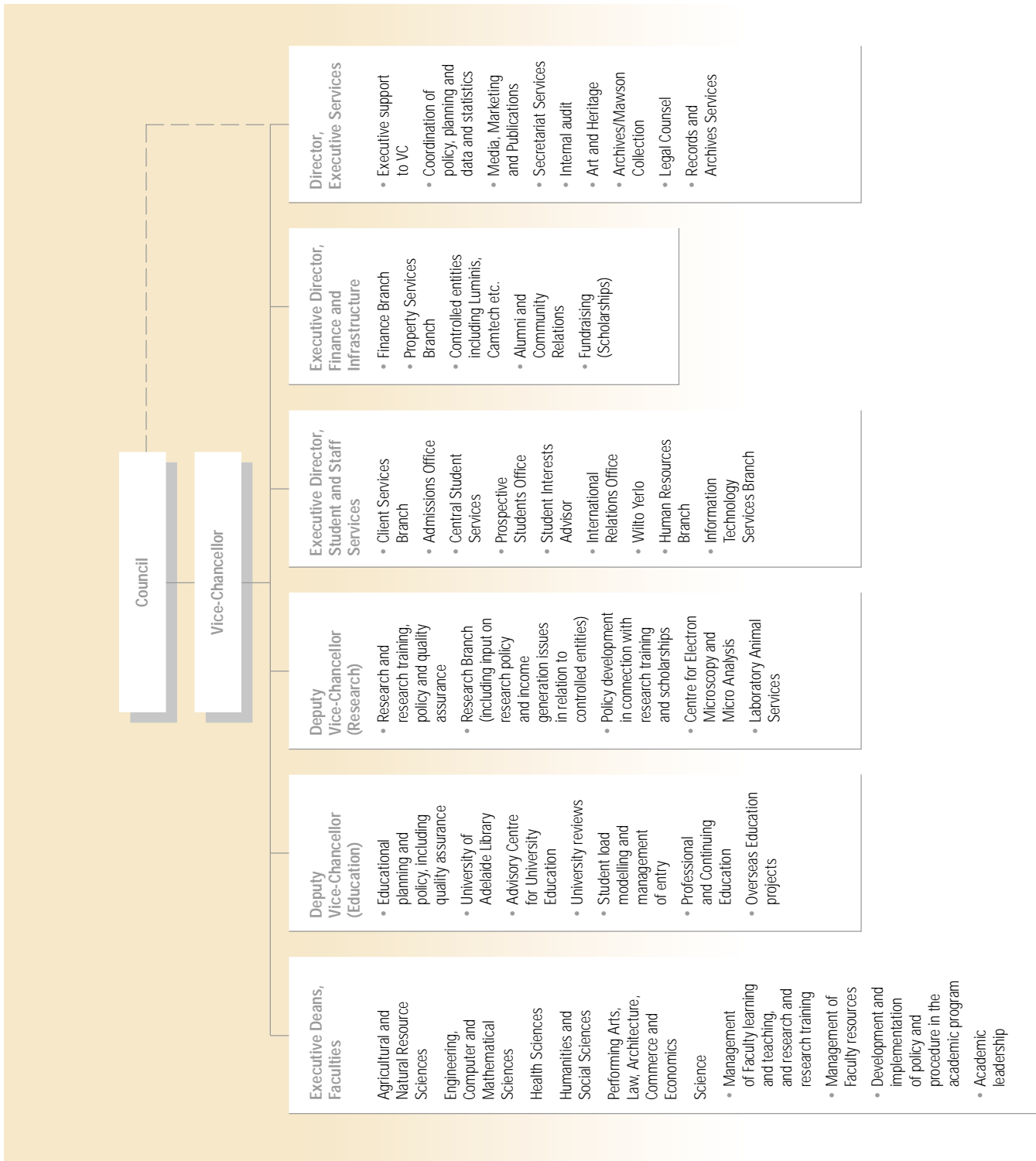
Ms Alida Parente
Ms Julia Pitcher
Ms Elysia Turcinovic

Committees of Council

Academic Board: Convenor, Professor Jonathan Pincus
Audit and Compliance Committee: Convenor, Ms Jane Jose
Chancellor's Committee: Convenor, Mr Robert Champion de Crespigny
Finance Committee: Convenor, Mr Ross Adler AO
Senior Salaries and Industrial Relations Committee: Convenor, Ms Kate Spargo
Student Affairs Committee: Convenor, Ms Elysia Turcinovic



Organisational Chart at September 2000



Planning, Reviews,

RESTRUCTURING, MANAGEMENT

At the beginning of the year Council noted the significant progress achieved in carrying out the 1999 Operational Plan and approved a new 5-year **Operational Plan** detailing activities and targets for the period to 2004. The Department of Education, Training and Youth Affairs' (DETYA) annual **educational profiles** process required the submission of a new plan covering research and research training, as well as updated plans dealing with quality assurance and improvement, capital management, equity and indigenous education, all of which were approved or noted by Council. In September, discussions with the DETYA profiles team focused particularly on planning issues; the Department commented favourably on the University's planning documentation.

In 1999 Santos Ltd announced a \$25 million sponsorship to assist the University in the

establishment and operation of a new **Santos School of Petroleum Engineering and Management** over 10 years. In June, formal arrangements governing the sponsorship were completed at a signing ceremony involving Santos Managing Director, Mr Ross Adler, AO, and the Vice-Chancellor. The Board of Management of the School has been established. It is planned to have the new building which will house the School completed by the start of 2002, in time for the first intake of students.

In July the Vice-Chancellor established a working party to review the **University's academic structures** with a view to ensuring that they provide an optimal framework for the conduct of the core activities of education and research. Convened by the Deputy Vice-Chancellor (Education), Professor Penny Boumelha, the working party held two open University forums as part of a wide consultation process which elicited a large number of submissions from both individuals and groups. It focused particularly on examining the relationship between disciplines



and organisational units; the structural interactions between education and research; and the relative roles and responsibilities of the different levels of academic management, i.e. faculties, schools, and departments, within the overall organisational structure. Recommendations from recent discipline reviews, particularly those of biological sciences, geographical and environmental sciences, and law were taken into consideration by the working party. A comprehensive discussion paper was considered by the University community and its responses informed the final report which recommended: the merger of the Faculty of Science and the Faculty of Agricultural and Natural Resource Sciences into a new Faculty of Sciences; a new Faculty of Professions; the organisational re-location of the Elder Conservatorium from the existing Faculty of PALACE to the Faculty of Humanities and Social Sciences; and the re-location of the Graduate School of Education from the Faculty of Humanities and Social Sciences to the Faculty of Professions. It also proposed the establishment of a limited number of short-term research institutes and the creation of a new graduate school. Consultation regarding the proposed changes and detailed planning for their implementation will take place in 2001.

The 1999 **Review of Tertiary Music Education in South Australia** recommended the amalgamation of the University's Elder Conservatorium and the Flinders Street School of Music of the Adelaide Institute of TAFE. In 2000 both the University Council and the State Government Department of Education, Training and Employment (DETE) approved the merger, with the new School to be an organisational unit of the University, and "Elder" retained in its name. A joint implementation committee was formed along with seven specialist sub-committees to advise on planning issues. The vacant Elder Chair of Music was advertised early in the amalgamation proceedings and the appointment expedited to allow the involvement of the new professor in the merger process as soon as possible.

Reviews of Geographical and Environmental Studies, Law and the Adelaide University Library were undertaken during the year.

In June the University's Departments of Biochemistry, Genetics, and Microbiology and Immunology merged to become the new **Department of Molecular Biosciences** in the Faculty of Science. The discipline groups were collocated in the new Molecular Life Sciences Building when it was completed in September.

Project Endeavour – the University's new integrated management information systems project – made good progress during the year. The new finance system was installed and the research system was trialed during the first half of the year – conversion of historical data was completed and a pilot "roll-out" to 12 areas across the University undertaken. Two modules of the student administration system, admissions and campus community, went "live" on time in August, while the introduction of the student financials and student records systems was deferred until 2001.

A project to upgrade the University's information technology network – **Project Odyssey** – was commenced during the year. Upgraded high-speed wide area links to the Roseworthy Campus and three of the teaching hospitals were completed in February. A review of teaching-space management was also initiated along with the introduction of Syllabus Plus software.

Enterprise bargaining continued through the year, with the University settling a salary increase of 13.1% over three years, in order to remain a competitive employer in the Australian tertiary sector. Consensus on the contents of a new enterprise agreement was reached in December.

In October the University received additional funding for staff salaries under the Federal Government's Higher Education **Workplace Reform Program**. In announcing Adelaide's success the Minister praised Adelaide for its introduction of flexible working conditions, for major cost savings and productivity gains, and for improvements to redundancy processes. The extra money will fund an approximate 2% salary increase for the University's staff.

Following the successful introduction of a new visual identity in 1999, the University embarked on the re-development of its web-site in 2000, in order to enhance its international, national and local profile.

As part of its strategy to develop its educational products and find new or niche markets the University conducted **multi-university meetings** in Malaysia and in Adelaide involving also the University of Canterbury, New Zealand, Waseda University in Japan and the Universiti Putra Malaysia. This new consortium has agreed to develop joint Masters programs to be offered by online education and intensive teaching.

The University has also agreed to offer a new Masters degree program in gastronomy in partnership with **Le Cordon Bleu**, both in Adelaide and online. The University's Centre for the History of Food and Drink will play a major role in the development and teaching of the course.

Professor Edwina Cornish took up her **senior management appointment** as Deputy Vice-Chancellor (Research) in February. Following her re-election to the Adelaide City Council, Professor Judith Brine stepped aside from her position as Executive Dean of the Faculty of Performing Arts, Law, Architecture, Commerce and Economics (PALACE) to assume a fractional appointment as Pro Vice-Chancellor (Special Projects). Professor Malcolm Gillies, Executive Dean of the Faculty of Humanities and Social Sciences became also the Executive Dean of the Faculty of Performing Arts, Law, Architecture, Commerce and Economics, although the two faculties retain their separate identities and budgets.

Learning

AND TEACHING

Two significant changes to entry policies came into operation for the first time in 2000. A number of courses now allow Year 12 applicants to present publicly assessed subjects (PAS) as well as the traditional publicly examined subjects (PES) as part of their combination of higher education selection subjects (HESS). This means that a range of Adelaide programs are now offered with the same Year 12 requirements as comparable courses at the other SA universities. And a new bonus points scheme provides Year 12 applicants with two extra points for successful completion of Mathematics 2 and/or two extra points for a language other than English.

Adelaide consistently attracts the very best South Australian school leavers into its undergraduate programs and in the 2000 round tertiary entrance rank (TER) cut-off scores increased in many courses, especially in the Faculty of Engineering, Computer and Mathematical Sciences. Reserved Place Law (i.e. students applying for Law direct from Year 12) moved to a cut-off of 99.65, making it Adelaide's highest TER except for the new combined Bachelor of Engineering (Mechatronic)/Bachelor of Arts course with a TER cut-off of 99.90. There were some drops in cut-off scores for courses in the Faculty of Agricultural and Natural Resource Sciences and for the Bachelor of Science, reflecting a decline in demand.

The year has seen some exciting developments in the establishment of new academic programs. Arrangements have been finalised with the Art Gallery of South Australia for the joint offering of postgraduate courses in art history. The new awards will draw on the Faculty of Humanities and Social Sciences' existing teaching strengths in this area and make use of the Gallery's collections as well as its curatorial expertise. Academic Board has endorsed the introduction of a PhD by Creative Writing which will require a candidate to produce a piece of creative writing as the major research component of the degree. The introduction of a PhD by publication was also approved. This will permit staff of the University, or of organisations affiliated with the University, to submit published work for consideration for the award of PhD. Following 1999's successful pilot of the Graduate Certificate of Science and Technology Commercialisation, a full Masters degree was launched in May. These innovative courses are

conducted in collaboration with the University of Texas at Austin, and are delivered in a non-traditional way using digital technologies.

Early in the year the University indicated that, in response to very low enrolments over the last few years, it will cease teaching Vietnamese language subjects from the end of 2001.

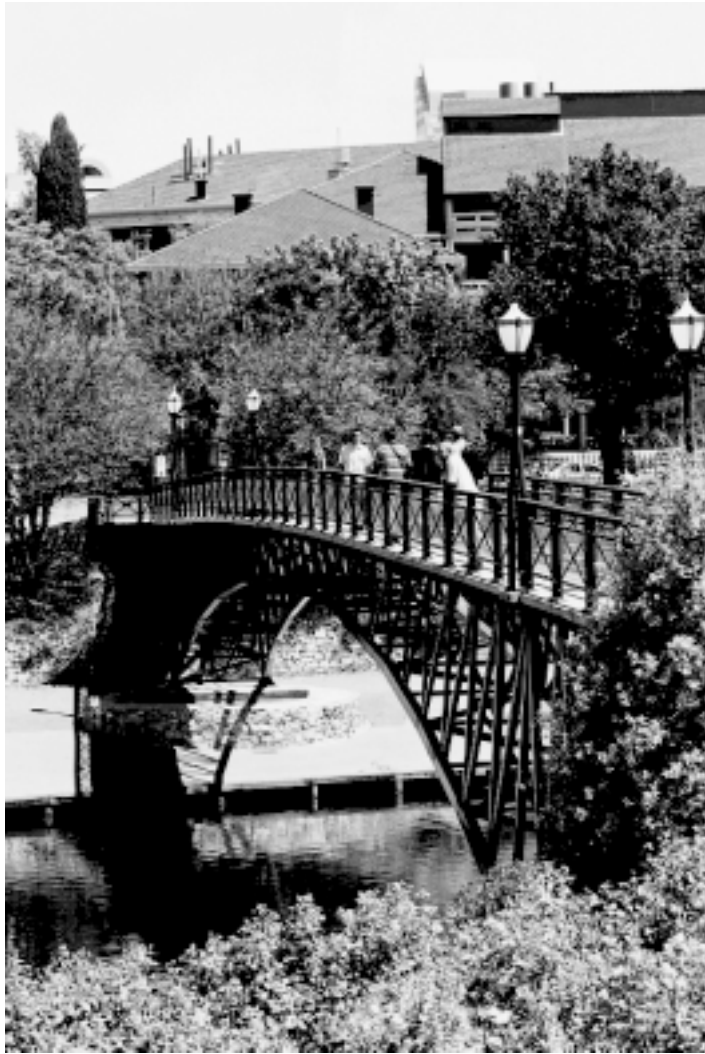
Adelaide fared particularly well in the Federal Government's new Science Lectureship Scheme, receiving grants for two projects. The Santos School of Petroleum Engineering and Management was awarded \$1.3 million over three years to establish a joint teaching program with the Centre for Oil and Gas Engineering at the University of Western Australia. And the Department of Psychology received a \$350,000 grant, also over three years, for the further development of its Cognition and Applied Decision Making program; the application was submitted in collaboration with the Defence Science and Technology Organisation (DSTO), and the Universities of Queensland and Melbourne and La Trobe University.

The University agreed to participate in the Government's first Graduate Skills Assessment test for exiting students which was conducted in October. Funded by the Department of Education, Training and Youth Affairs, the test is available on a voluntary basis to students, to provide an assessment of their generic skill levels in critical thinking, problem solving, interpersonal understandings and written communication. The first test for commencing students will take place in April 2001.

The possibility of introducing a third semester as part of a restructuring of the academic year was first mooted in 1999. In 2001 the University will introduce a 6-week summer semester commencing on January 2, and restructure the existing semesters into 12-week semesters. The new semester will be used to conduct fee-paying undergraduate and postgraduate courses, as well as intensive field-work subjects which are part of HECS-liable programs, and professional and continuing education courses.

The University's new Headstart Scholarship program provides a pathway into early university study for academically gifted secondary school students. A selected range of first-year subjects is now available to eligible school students, on the recommendation of their school principal.

In April the University awarded full teaching status to Modbury Public Hospital; it provides clinical training for the University's students in medicine, surgery, obstetrics and gynaecology, paediatrics, emergency and general practice.



Senior Managers Reporting to the Vice-Chancellor (As at 31/12/00)

Deputy Vice-Chancellor (Education) – **Professor Penny Boumelha**

Deputy Vice-Chancellor (Research) – **Professor Edwina Cornish**

Executive Director, Student and Staff Services – **Mr Ian Creagh**

Executive Director, Finance and Infrastructure – **Mr Tony Siebert**

Executive Dean, Faculty of Agricultural and Natural Resource Sciences – **Professor Malcolm Oades**

Executive Dean, Faculty of Engineering, Computer and Mathematical Sciences – **Professor Ian Young**

Executive Dean, Faculty of Health Sciences – **Professor Derek Frewin**

Executive Dean, Faculty of Humanities and Social Sciences – **Professor Malcolm Gillies**

Executive Dean, Faculty of Performing Arts, Law, Architecture, Commerce and Economics – **Professor Malcolm Gillies**

Executive Dean, Faculty of Science – **Dr Alastair Blake**

Pro Vice-Chancellor (Special Projects) – **Professor Judith Brine**

Director, Executive Services – **Ms Susan Graebner**

Research

AND RESEARCH TRAINING

A

delaide University has a long tradition of research excellence with its researchers consistently ranked highly in terms of their ability to attract national competitive grants and host visiting researchers of the highest calibre.

Approximately 50% of research funding awarded to Adelaide each year is provided by three organisations – the Australian Research Council (ARC), the National Health and Medical Research Council (NHMRC), and the Grains Research and Development Corporation (GRDC).

The year 2000 marked the first year of funding (\$2.1 million) for the new ARC **Special Research Centre** for the Molecular Genetics of Development. This Centre is one of approximately 30 research teams which now comprise the Molecular Biosciences Department and which are collocated in the new Molecular Life Sciences building. Two other ARC designated Centres – the Special Research Centre for the Subatomic Structure of Matter and the Key Centre for Social Applications of Geographical Information Systems – also received further funding.

In 2000, Adelaide won 31 new **ARC Large Grants** valued at almost \$1.9 million for 2001, and almost \$5 million for the period 2001–2003. The University was also awarded 7 new **Fellowships** attached to the Departments of Pure Mathematics, Applied Mathematics, Mechanical Engineering, Molecular Biosciences, Environmental Biology, and Soil and Water.

Adelaide performed well in the ARC's **Strategic Partnerships with Industry – Research and Training (SPIRT)** program, winning 14 new project grants and postgraduate scholarships (industry) valued at almost \$1.7 million over the 2001–2003 period.

Under the ARC's **International Researcher Exchange (IREX)** program 8 new grants worth over \$130,000 were awarded to the University, further strengthening research links with international collaborators.

Another key indicator of the University's research strength is success in securing funding from the NHMRC. In 2000, 125 project grant applications were submitted by staff and clinical affiliates of the University, many of which were collaborative projects. Of these, 31 were successful – a success rate of 24.8%. These grants are valued at \$2.9 million for 2001 and approximately \$8.7 million for the period 2001–2003. Additionally, Adelaide received funding for a program grant based at the Hanson Centre for Cancer Research worth approximately \$1.475 million per year for five years (\$7.375 million total).

The University's research strengths in the agricultural sciences have long been recognised by the rural industry research development corporations. The **Grains R&D Corporation** is a particularly strong sponsor of Adelaide's activities providing approximately \$6.6 million in funding during 2000 for 53 projects. Other rural R&D corporations support Adelaide research in viticulture and oenology, horticulture and projects relevant to the pig, cotton and other rural industries.

Adelaide's capacity to undertake high quality research in the science, engineering and technology disciplines requires high quality infrastructure. In order to secure and maintain facilities of an appropriate standard, the University must win **Research Infrastructure Equipment and Facilities (REIF)** funding for major items of equipment in key areas. In 2000, Adelaide was the lead institution for four new major infrastructure grants valued at approximately \$1.3 million and is a participating institution in another six grants. This new infrastructure will support research programs in the fields of viticulture and oenology, mechanical engineering, chemical engineering, physics and chemistry.

The University was a participant in ten applications in the 2000 selection round for **Co-operative Research Centres (CRC)**. Five of these were successful. Adelaide will be a partner in two new centres which received funding – the CRC for Plant-based Management of Dryland Salinity and the CRC for Smart Internet Technology. Continuing support has been provided for two existing centres involving Adelaide University, the CRC for Australian Weed Management and the CRC for Water Quality and Treatment; and Adelaide is a new partner in the CRC for Landscape Environments and Mineral Exploration which also received continuing funding. The University will now be a participant in 15 Co-operative Research Centres, which represents a particularly high involvement in the CRC program for an institution of Adelaide's size.



A new structure has been established to oversee research education with the formation of the **Board of Research Education and Development (BRED)**. The BRED is comprised of academic and professional research staff, postgraduate students and administrative support. Its role is to provide advice to the Deputy Vice-Chancellor (Research) on strategic and policy issues surrounding education and professional development for the University's postgraduate students and early career researchers. A number of sub-committees have been formed which in turn will advise the BRED on specific matters arising from the Commonwealth Government's White Paper *Knowledge and Innovation: a policy statement on research and research training*.

An internal review of research communication activities undertaken by the **University Research Committee** highlighted the need for a coherent strategy which will effectively promote the University's research capabilities to different audiences. Buchan Communications Group, a national communication management firm, was commissioned to review current activities and recommend a comprehensive strategy which can be introduced in the near future.



Student Enrolment by Course Level*

	2000	1999
Higher degree by research	1,221	1,204
Higher degree by coursework	556	531
Other postgraduate	662	743
Bachelor	9,919	10,301
Other undergraduate	352	452
Enabling courses	28	35
Non-award courses	142	163
Total	12,885	13,429

*Source: DETYA selected higher education student statistics

Adelaide University Total Research Funding Income 1996 – 2000¹

Research Funding (\$k)	1996	1997	1998	1999	2000
Category 1 – National Competitive Research Grants	\$22,303	\$26,082	\$28,293	\$29,760	\$36,013
Category 2 – Other Public Sector Research Funding	\$8,069	\$9,527	\$8,979	\$9,498	\$8,462
Category 3 – Industry and Other Research Funding	\$9,087	\$8,193	\$8,823	\$7,846	\$8,055
Total	\$39,459	\$43,802	\$46,095	\$47,104	\$52,530

¹ Figures do not include controlled entities or CRC funds

Source: Adelaide University submission to DETYA higher education research data collection 2001, pre-audit Table 1

2000 ARC Large Grants – Earnings per FTE¹ (Group of Eight and South Australian Universities)

University	2000 Large ARC Grants ² per FTE
Adelaide	\$8,686
NSW	\$7,932
Sydney	\$7,899
Melbourne	\$7,683
Queensland	\$7,036
WA	\$6,131
ANU ³	\$5,513
Flinders	\$5,357
Monash	\$4,795
South Australia	\$1,046

¹ From *DETYA Selected Higher Education Statistics: Staff 2000* (Table 6). Full-time equivalent staff, lecturer B and above.

² From *Higher Education: Report for the 2000 - 2002 Triennium* (Table 3.12). Large grant data is the sum of initial and continuing ARC large grants in 2000.

³ Because of the Institute of Advanced Studies, the ANU cannot be compared easily with other universities on these measures.

2000 Adelaide University Income from the Main Federal Government Large Competitive Funding Schemes¹

Australian Research Council	
Large Grants	\$5,974,904
Small Grants	\$1,714,331
SPIRT Grants (includes ongoing collaborative grants and APA(l)s)	\$1,794,884
APA Awards ²	\$3,677,313
Research Fellowships	\$1,926,555
Special Research Centres and Key Centres for Teaching and Research	\$2,927,926
Research Infrastructure (Equipment and Facilities) Grants ²	\$1,938,045
International Researcher Exchange Program	\$218,526
Total ARC Income	\$20,172,484
National Health and Medical Research Council	\$10,699,401
Grains Research and Development Council	\$7,892,606

1 Data from Adelaide University submission to DETYA higher education research data collection 2001, pre-audit Table 1

2 Advice from Finance Branch

2000 Research Quantum Allocations (Group of 8 and SA Universities)

University	RQ allocation ¹	FTE ²	RQ \$ per FTE	Brennan Index ³
Western Australia	\$14,493,000	829	\$17,483	0.109023
Adelaide	\$13,364,000	710	\$18,823	0.098403
Melbourne	\$25,992,000	1576	\$16,492	0.091402
New South Wales	\$21,641,000	1408	\$15,370	0.090979
Queensland	\$23,538,000	1339	\$17,579	0.083090
Sydney	\$22,344,000	1659	\$13,468	0.071932
Flinders	\$5,701,000	511	\$11,157	0.063608
Monash	\$16,049,000	1570	\$10,222	0.057812
ANU ⁴	\$7,033,000	872	\$8,065	0.029250
South Australia	\$3,502,000	677	\$5,173	0.022829

1 Consistent with the rounded figures reported in *DETYA, Higher Education: Report for the 2000 - 2002 Triennium* (Table 3.18).

2 From *DETYA Selected Higher Education Statistics: Staff 2000* (Table 6). Full-time equivalent staff, lecturer B and above.

3 The Brennan Index is the ratio of the Research Quantum to the Operating Grant (the operating grants are sourced from: *Higher Education: Report for the 2000 - 2002 Triennium* – Table 2.15). It allows for size and discipline mix, and is a guide to the relative research intensity of different Australian universities. The higher the value, the greater the relative research intensity. Other measures support this result.

4 Because of the Institute of Advances Studies, the ANU cannot be compared easily with other universities on these measures.

Commercialisation

ACTIVITIES

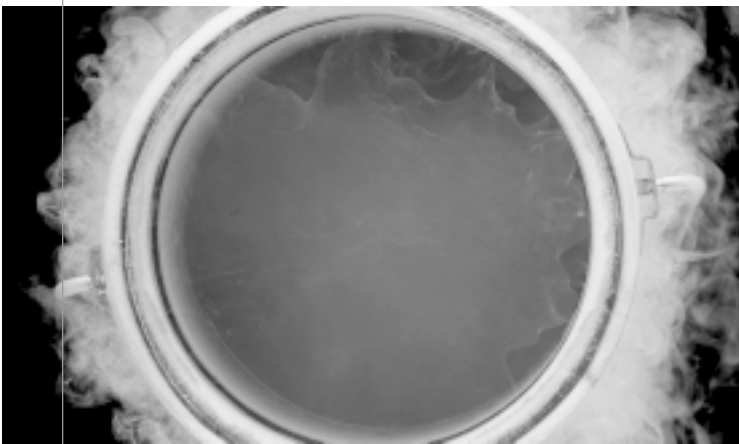
In August the biopharmaceutical company, **GroPep Ltd**, was listed on the Australian Stock Exchange. The company was established in 1988 by the University and the CSIRO to commercialise biotechnology-related intellectual property. The float raised \$17.4 million which will be used to expand manufacturing and fund clinical trials of numerous drug developments.

In September, **BresaGen Ltd** (another Adelaide spin-off biotechnology company which was floated in 1999), was awarded a \$4.8 million Commonwealth Government **START** grant to strengthen and accelerate its **Cell Therapy Research Program**. The funds will be used to develop novel stem cell-based therapies for a number of human diseases for which there are currently no satisfactory treatments. The research will be conducted in the University's Department of Molecular Biosciences under the scientific direction of Professor Peter Rathjen.

In December 2000, the University reached agreement for the sale of **Camtech (SA) Pty Ltd's** internet payment and electronic commerce operations to **Keycorp Ltd**, a publicly listed company on the Australian Stock Exchange. **Keycorp** will utilise the electronic commerce products and intellectual property of **Camtech** to enhance its own electronic commerce and smartcard business activities. The change in ownership will provide the financial resources necessary for **Camtech** to continue its research and development activities. The University will receive \$5 million in scrip in consideration for the sale.

The University's Centre for Telecommunications Information Networking (**CTIN**) received considerable publicity when it announced a strategic partnership with **BlueLinux Inc** of North Carolina, to develop a new technology called **Q-Zone**, and to collaborate on future wireless applications. Based on Bluetooth wireless technology, **Q-Zone** allows public venues to control interruptions from mobile phones, creating quiet zones in restaurants, theatres, conference rooms etc. **CTIN** also established a \$1.5 million research and development partnership with **Heartland Communications**, Australia's newest licensed carrier. The focus of the joint program will be to ensure that communications developments are directly relevant to the demands of rural, regional and remote consumers.

In September the Deputy Vice-Chancellor (Research), Professor **Edwina Cornish**, and **Luminis' Director of Commercialisation**, **Mr Mark Szolga**, attended the **BioJapan 2000 Trade Exhibition** in Tokyo. Adelaide University's exhibit was the only dedicated university display, and appeared to be very successful in drawing attention to its research reputation and capability.



International LINKS

May saw the opening of the new CANGAROO II telescope and the launch of the CANGAROO III project in Woomera. CANGAROO II is a \$4 million, 10-metre gamma-ray telescope which has been funded by the Japanese and Australian Governments and the Universities of Adelaide and Tokyo. It will form part of CANGAROO III in which three more similar telescopes will be built and linked for greater sensitivity. The opening and launch were carried out by His Excellency Mr Masaji Takahashi, Japanese Ambassador to Australia. Two weeks later a video of the launch was shown at a reception at the Australian Embassy in Tokyo to sixty guests who were invited to celebrate the commissioning of the telescope. The CANGAROO telescopes will greatly assist in the joint program of research co-operation in high energy astrophysics that has been a long-term feature of the collaboration between the Department of Physics and Mathematical Physics at Adelaide and the Institute for Cosmic Ray Research at the University of Tokyo.

Early in the year the Federal Department of Industry, Science and Resources (DISR) agreed to provide funding of \$400,000 to assist Adelaide in establishing a two-year pilot program with the Deutsche Akademischer Austauschdienst (DAAD), the German Academic Exchange Program which co-ordinates international research exchanges across all the German universities. The Australian National University is also participating in the pilot, and it is expected that other Australian universities will join in the future. The number and quality of applications received for this new Australian-German Research Co-operation Scheme suggest the program will expand rapidly.



There has been a significant decrease in enrolments at **Sepang Institute of Technology (SIT)** with which Adelaide University has a twinning program. This is disappointing as SIT has provided good students. The performance of SIT students after transfer to Adelaide is at least equal to that of local students. In the first group of SIT Engineering students completing their degrees in December 1999, 82 students graduated, 12 with first class honours; and the top Engineering student was a SIT student.

The articulation arrangements for Commerce and Engineering students at **INTI College** in Malaysia are meeting the University's expectations, with 13 students enrolled in 2000. Applications for the February 2001 intake exceeded 100, with enrolments likely to exceed 50. With the extension of the agreement to allow Engineering students awarded an INTI Higher Diploma to progress into Adelaide's fourth year, the transfer numbers should increase again in 2002.

The Faculty of Engineering, Computer and Mathematical Sciences has established **new articulation arrangements** with four Singapore polytechnics, which allow Singapore Diploma holders to be given advanced standing, and to complete degrees at Adelaide. The University also approved the delivery of some of these programs at the Ngee Ann-Adelaide Education Centre, so that students are now able to complete an Adelaide Bachelor of Computer Science degree while remaining resident in Singapore.

Adelaide's strong educational ties with Singapore were further strengthened by the signing of a Memorandum of Understanding with **Singapore Management University (SMU)**. The MOU provides for a unique joint degree structure between the two institutions. Students at either university may complete two years at one institution and the last two at the other, gaining two business degrees in four years – one from SMU, the other from Adelaide.

Representatives of the **Oldways Preservation and Exchange Trust**, a US organisation which promotes healthy eating and sustainable food choices, visited Adelaide in early October to meet with researchers, educators, government and media representatives, and food and wine producers. Adelaide University and Tourism SA sponsored a round table discussion, attended by people interested in food, wine and nutrition, to gather ideas for a symposium which will focus on wine and nutrition, aquaculture and Asian food.

In July the University signed a Memorandum of Understanding continuing its involvement with the **Pierre Auger Collaboration**. The project involves over 50 research groups from 19 countries in the building of the largest ever observatory for studying highest energy particles from space. The US\$50 million observatory is currently under construction in the pampas of Western Argentina. Adelaide's Department of Physics and Mathematical Physics has been a leader in this project, which is having a significant impact on international astrophysics.

In April the Adelaide University branch of the **Australian Centre for Environmental Law (ACEL)** completed the delivery of twelve one-week courses in five locations in Indonesia. The program provided training in environmental law enforcement to over three hundred Indonesian judges and, as a result of its success, an additional eight short courses were delivered during the remainder of the year. In addition, ACEL conducted a six-week Adelaide-based intensive Environmental Law course for sixteen Indonesian judges.

In November the University extended its Memorandum of Understanding with **Universitas Indonesia** to encourage co-operation between the institutions; the agreement focuses particularly on student and staff exchange, joint research and exchange of academic materials and data.

Trends in International Student Enrolments 1996 – 2000*

	1996	1997	1998	1999	2000
Total international student load	1,082	1,130	1,257	1,363	1,418
Number of countries represented	73	67	74	64	64
Income from fees in millions (excludes Foundation Studies Program income)	16.4	18	19.1	21.5	19.8

* Source: DETYA selected higher education statistics

Property

DEVELOPMENTS

In October the new **Molecular Life Sciences Building** was opened by Australian of the Year, Sir Gustav Nossal, one of the nation's most distinguished scientists. The opening of the \$18 million building marked the completion of Phase 2 of the \$40 million redevelopment of the lower level of the North Terrace Campus. The building houses the new Department of Molecular Biosciences which now has over 30 research teams working in state-of-the-art facilities.

In April 2001 the demolition of the old Fisher Building will allow construction of the new building for the **Santos School of Petroleum Engineering and Management** to commence. Barry Phillis and Associates have been appointed as the project manager, and Hassell Pty Ltd as the architects. The building will be completed in 2002.

Over the year the **Benham Building** has been extensively refurbished in order to accommodate the needs of the Department of Environmental Biology; the lecture theatre has been renovated, and laboratories and offices substantially upgraded.

At the Roseworthy Campus the new **Integrated Livestock Management Initiative** building was completed, with its tenants, the South Australian Research and Development Institute (SARDI) and the University's Department of Animal Science, moving in at the end of August. The project included both the new office building and the refurbishment of the Hickinbotham Laboratories. A new **Information Centre**, also located at Roseworthy and with funding contributed by Primary Industries and Resources South Australia (PIRSA), was completed in April and officially opened in November by the Deputy Premier, the Hon Rob Kerin.

Planning also commenced on a new project which will transform the **Hughes Plaza** on the North Terrace Campus into a "shop-front" for student services. When completed the project will see all the University's student services brought together in the one easily accessible, central location.



THE UNIVERSITY AND the Community

The year 2000 was a Festival year in Adelaide and the University staged two major events which contributed to the overall success of the program. Adelaide's School of Architecture, Landscape Architecture and Urban Design was the chief organiser of **Light/House**, which featured lightweight housing by 16 award winning architects. During its two-week run, the exhibition attracted more than 10,000 people to the Festival Plaza. And at the Elder Conservatorium, **Forum 2000** brought together some of the world's most talented young composers for a celebration of new music. As well as the Conservatorium's LIGHTS and Elder New Music ensembles, the forum featured Canada's leading new music ensemble, **Nouvel Ensemble Moderne (Le NEM)**. Both these events underscored the importance of the University to the arts in South Australia.

During the year the University decided to transfer its collection of **Sir Douglas Mawson's records**, which have been housed in the Coach House at the Waite Campus, to the South Australian Museum. While considerable effort has gone into cataloguing, conservation, publicity and fundraising to support the collection, the University, the Mawson family and the Mawson Collection Management Committee were persuaded by the Museum's proposal to integrate the University's material with its own Mawson and Antarctica collections. The Museum plans to house the entirety of the University collection in its North Terrace premises and to develop an open work/display area so that the public can see the curator and researchers at work on the collection. Funds raised by the University specifically to support the Mawson Collection will also be transferred. A Friends of Mawson group has been organised and formally launched at the Museum. This group will assist in promoting the life and work of Sir Douglas Mawson, help with the Mawson project and engage in fundraising activities.

In 2000, the **Urrbrae House Historic Precinct** continued its successful program of exhibitions, guided tours, school visits, corporate and community functions and special events. A special program was centred around the performing arts and included a number of successful Sunday afternoon concerts. The highlight of the program was a convivial culture day in April which included performances throughout the precinct, gardens and arboretum, ranging from classical music to jazz and rock.

The gardens of Urrbrae House Historic Precinct continue to flourish with the help of a dedicated group of volunteers. The framework of the new Garden of Discovery was completed and the first interpretive elements of the Science Discovery Trail installed with funding support from a Centenary of Federation Grant and private donations. This innovative project will celebrate, through soundposts, outdoor bookworks, text and images, some of the key scientific work at the Waite over the last 75 years, linking it to displays on contemporary research which are to be developed in the adjacent Coach House Museum. This is an ambitious project which must necessarily be staged over several years as funds are raised.

The friends and volunteer program also had a very successful year. The highlight of the Friends of Urrbrae House program was a grand 1920s ball held in October.

The **Waite Arboretum** collection continues to expand. Land previously occupied by the Netherby Kindergarten has been returned to the Arboretum and rare oaks have been planted there. The new Palm and Cycad Collection was officially opened in November. TREENET held a successful two day street-tree symposium in September and was launched nationally in Brisbane in October. Interest in establishing TREENET trial sites is growing with over 50 sites now established. Support for TREENET has been forthcoming from local government, the nursery industry and the education sector. Firm links have been developed with Melbourne University, Ryde College of TAFE, NSW and the TAFE Horticulture Centre at Urrbrae. Volunteers play an important role in maintaining the Arboretum and its records, giving guided walks, undertaking plant propagation, monitoring trial sites and fundraising.

The **Waite Conservation Reserve** increased by 25 hectares to 130 hectares this year with the gift of the Stone Reserve, formerly owned by Transport SA, along with funds for its management. Control of weeds, especially olives, has been ongoing with grants from the Natural Heritage Trust and the Urban Forest Biodiversity Program. The involvement of Urrbrae High School has increased with student participation in tree planting and weed control projects. The walking trail remains very popular.



The Waite Arboretum, Waite Conservation Reserve and Gardens of Urrbrae House Historic Precinct are open every day, dawn till dusk. They forge valuable links between the University and the community and provide rich opportunities for community engagement.

The Office of Industry Liaison manages the **University's Commerce and Research Precinct at Thebarton** with a brief to promote interaction between the University and the community especially in Adelaide's Western Region. Industry-focused education programs and community liaison activities have encouraged strong business and community links. A network of commercial and university tenants on the campus (RADNET) held a successful launch with an Open Day which was well attended by business, government and community leaders. This unique partnership of over 30 businesses, which includes Adelaide University graduate businesses, will be promoting the joint capability available on the Precinct to national and international markets. The Thebarton Campus-based Business Initiatives from Graduates (BIG) program provided support for a further five graduates to set up and develop their business ideas. The program also hosted the Premier's Enterprise Scholarship for the first time this year. Assisted by support from the State

Government the Co-operative Education Program (GILES and PROJECT PLUS) linked eighteen students and graduates with industry-sponsored projects.

The special relationship with the Thebarton Senior College has continued and involved the Manager of the Thebarton Campus serving as Chair of the College Council this year. In addition there has been close involvement with the Western Adelaide Vocational Enterprise Service (WAVES) which is providing important community-based vocational education and training opportunities for children in the region. The Schools-Links project involving campus tenants also continued to grow.

The Office of Industry Liaison assisted with the successful first **International Kids Congress** – a children's conference focusing on environmental issues – hosted by the University in October 2000.

5UV Radio Adelaide, the University's community radio station, has begun a comprehensive upgrade of its identity. "5UV Radio Adelaide" is a transitional name preparing the way for a metamorphosis into **Radio Adelaide** – an FM and internet broadcaster to Adelaide and the world. News of the station's long-awaited conversion to the FM band was received early in November.

Audience figures released at the beginning of 2000 revealed 5UV Radio Adelaide is the city's most popular community radio station with a regular audience of more than 60,000. The year's program highlights included *The Federation Files*, a 50-part series about South Australia's role in the Federation of Australia and *Artists on the Edge*, winner of the Archbishop of Adelaide Media Citation for its inspirational depiction of the emerging disability culture movement.

The Elder Conservatorium was once again a focus for the community with its Lunch Time and Evening Concert series attracting many thousands of visitors to Elder Hall. The Evening Concert series benefited from the involvement of international conductors, while the Lunch Time series included appearances by more than a dozen overseas artists, often playing to capacity houses. Musical highlights included a number of centenary tributes to Aaron Copland, and the popular Bach Festival in celebration of the Bach 250th anniversary year.

The Conservatorium's students and graduates continued to enjoy success in winning prizes and awards, with finals appearances in Eisteddfod Society and Recitals Australia competitions, and the Young Performers Awards. A highlight was the award of the Arts SA Premier's Mentorship Award of \$40,000 to 1995 honours graduate Kynan Johns. This is the largest individual award of its type in Australia, and will allow Mr Johns a period of extended study with the Stuttgart Symphony Orchestra.

The Australian String Quartet (ASQ), quartet-in-residence at Adelaide University, again presented full subscription seasons in Adelaide and Melbourne. A highlight of the year was a concert at the 2000 Adelaide Festival at which the Quartet performed the world premieres of five new works, encompassing the string quartet as well as the wider chamber music repertoires. The ASQ continued its regular concerts in Hobart and Sydney and other engagements throughout the rest of Australia, including performances at many of Australia's leading festivals. A television documentary on the Quartet's August 1999 outback tour, which included performances in mining townships (and in the mines themselves), bush settings and historic homesteads, was broadcast on ABC television.

Every year **public lectures**, debates, forums and symposiums in a wide range of discipline areas focus attention on the University's seminal role in the intellectual life of the local community. As part of a visit to Adelaide in September, Dr Colin Lucas, Vice-Chancellor of the University of Oxford, delivered a provocative public lecture – *What are universities good for?* – which attracted a large audience of those concerned for the future of higher education. In October the University of Sussex's Professor of Biology, John Maynard Smith spoke on *The major transitions of biology*; Professor Smith is the founder of mathematical biology and a winner of the Royal Medal of the Royal Society. The inaugural Lloyd Cox Lecture, named after the University's first Professor of Obstetrics and Gynaecology, was delivered by Professor Alan Trounson of Monash University, who is internationally recognised for his pioneering work in human reproductive research. And Professor Graham Cairns-Smith of Glasgow University spoke about the *Secrets of the mind* as part of a series of public "conversations" leading up to the 2001 Adelaide Festival of Ideas. Adelaide's Professor of Political Science, Professor Doug McEachern also contributed to the series in a conversation with the Australian journalist, Mr John Pilger.

Many other public speakers attracted interested audiences for lectures on topics such as *The personhood of humans and robots – where theology and engineering meet*, the language needs of the new nation of East Timor, the possibility of putting humans on Mars, the effect of stage design on the writing of opera, the Enlightenment and the origins of Australian society, Australian indigenous architecture and *Nanotechnology – where physics, chemistry and biology unite in the realm of the ultrasmall*.

Inaugural Lectures 2000

Fifteen of the University's recently appointed professors delivered their **inaugural lectures** during the year, providing an opportunity for both the University and wider communities to engage with their particular research interests.

Professor Andrew Barr (Plant Science): Drought, heat, ice and pestilence – plant breeding for the tough times

Professor Robert Barrett (Psychiatry): Culture, emotion and illness

Professor Edwina Cornish (Deputy Vice-Chancellor (Research) and Professor of Biotechnology): Application of genetic modification techniques to the cut flower industry

Professor Gustaaf Dekker (Obstetrics and Gynaecology): Pregnancy, an inflammatory issue

Professor Malcolm Gillies (Executive Dean of Humanities and Social Sciences): Percy Grainger as essayist

Professor John Gollan (Medicine): Too much of a good thing: disorders of iron metabolism

Professor Stewart Greenhalgh (Geology and Geophysics): Earthquakes: facts, effects, fancies

Professor Graham Harris (Agricultural and Natural Resource Sciences): Is the world simple but unpredictable? New views of the workings of aquatic ecosystems

Professor Philip Hynd (Animal Science): Follicles and fibres for the future

Professor Purnendra Jain (Centre for Asian Studies): Japan: the paradoxical power

Professor Simon Maddocks (Director of the Roseworthy Campus): Fertility control: options for the male

Professor John Taplin (Psychology): Ouch! Children and pain

Professor Jason White (Addiction Studies): Drug addiction: what do treatments treat?

Professor Lang White (Electrical and Electronic Engineering): Researching the Internet: challenges and opportunities

Professor Ian Young (Executive Dean of Engineering, Computer and Mathematical Sciences): Ocean waves – from the beach to outer space

A Alumni

Adelaide University was well represented at the second **Australian Universities International Alumni Convention (AUIAC) 2000** which was held in August in Kuching, Sarawak. More than 1000 delegates from over 20 countries attended the convention which focused on the theme of *Globalisation and a New World Order*. The conference was particularly successful and provided an excellent opportunity to maintain links with distinguished Asian-based alumni, including the former President of Singapore, Mr Ong Teng Cheong, who was awarded the Alumni Association's **Distinguished Alumni Award** for 2000 in a special event during the conference.

In response to the 1999 Morgan and Banks review of the **Alumni Association** a new position of Director, Alumni and Community Relations, has been created and Ms Rachael Oliphant was appointed early in the year. Other new positions provide enhanced support in the areas of events co-ordination, award and scholarship administration, communications, fundraising and database development. This expanded Alumni team has been working to develop effective strategies to attract new members, in accordance with the recommendations of the review.

Towards the end of the year the Alumni and Community Relations Office was restructured into a broader operation which will provide the support for both the **fundraising and "friendraising"** activities of the University. The office will be relocated to Level 1, 230 North Terrace, to accommodate the expansion.

The Association's annual general meeting in June approved some significant **changes to the constitution** including: the establishment of a Board of fifteen members, replacing the former Trustees Board; the establishment of a smaller executive committee with a clearly defined role; an update of the objects of the Association; and the appointment of the Chancellor as Patron. The AGM also abolished membership fees.



Fundraising

Considerable success was achieved in raising external funds and donations during the year. In the Health Sciences for instance, three new chairs, in paediatric surgery, anaesthesia and cancer research received funding from the Women's and Children's Hospital, the Royal Adelaide Hospital and the Anti-Cancer Foundation respectively; and research in the Department of Orthopaedics and Trauma received support from the Adelaide Bone and Joint Research Foundation. GC Corporation of Japan is continuing its funding of research in minimum intervention dentistry carried out in the Colgate Australian Clinical Dental Research Centre.

A new \$3.6 million Orion supercomputer – believed to be the fastest in the southern hemisphere – was funded as a result of a partnership between SUN Microsystems, the Centre for the Subatomic Structure of Matter (CSSM), and the National Computing Facility for Lattice Gauge Theory (NCFLGT), and delivers to the University a world-leading facility at little cost to the institution itself. The Faculty of Science also acquired a new computer suite for the National Centre for Petroleum Geology and Geophysics (NCPGG) as a result of a collaboration between the University, Schlumberger Oilfield Australia Pty Ltd, the Department of Industry and Trade and Primary Industries and Resources SA (PIRSA).

In the Faculty of Engineering, Computer and Mathematical Sciences, BHP donated a Power Challenge computer to the new Santos School of Petroleum Engineering and Management. And the Road Accident Research Unit (RARU) received \$0.5 million over five years from the Takata Corporation of Japan, whose President, Mr Juicharo Takada, is a long-time admirer of RARU's research.

In March the Board of UniBooks donated \$70k to the Barr Smith Library; the gift has been used to improve computer access for students and to purchase books.

The **Florey Research Fund** is named in honour of the Adelaide Medical School's most distinguished graduate, Howard Florey, who developed penicillin for clinical use. The Fund undertakes budget fundraising to provide support for immediate medical research projects, while the development of a capital base, through major gifts and bequests, provides an ongoing source of funding for the future.

This year the Florey Research Fund has provided a grant of \$100,000 to an exciting and potentially far-reaching project focused on "Searching for the genes that cause leukaemia". In addition it has continued to provide major financial support to fund the annual Visiting Florey Lecturer. This year's distinguished visitor was Professor David McGiffen from the University of Alabama, who lectured on "The Ethics of Transplantation" during a busy week at Adelaide. An innovation in 2000 was the creation of student travel grants, to be awarded annually to outstanding MBBS students so that they may further their knowledge overseas.

The **Medical Foundation** administered some \$850,000 held on behalf of 15 different funds associated with medical research.

In 2000 the **South Australian Foundation for Dental Education and Research (SAFDER)** celebrated ten years of successful fundraising activity in pursuit of its aim to provide a secure financial base for dental education and research at Adelaide's Dental School. Early in the year, and in conjunction with Channel 7, the Foundation developed a television campaign – "Smile, it's a Beautiful Thing" – designed to increase public awareness of the need for good oral health. A new bequest program was formally launched in July, with the object of encouraging dental practitioners to make provision for SAFDER in their wills. The foundation continued to promote its successful annual giving program and made submissions for financial support to dental and non-dental corporates, government, trusts, foundations and philanthropic individuals. Funds raised by SAFDER are committed to help support summer scholarships, the Asia Pacific Dental Students Association, staff development awards, the Chair of Orthodontics and the Colgate Australian Clinical Dental Research Centre.

The **Don Dunstan Foundation** has maintained a high level of activity since its formation in 1999. It has engaged in an extensive fundraising campaign and established new chapters in New South Wales and Victoria. In March it announced the recipient of its inaugural Postgraduate Research Scholarship; Ms Sonya Meziniec is undertaking a PhD on trade union culture in the Department of Social Inquiry. The Foundation also hosted a successful public lecture on "Globalisation, Democracy and Public Prosperity", delivered by its Visiting Professor, John Quiggin, ARC Senior Fellow in Economics at the Australian National University and one of Australia's most prominent research economists. Other Foundation activities have included sponsorship of conferences, participation in community events and the establishment of a series of Sunday lunch seminar sessions.

STAFF AND Students

Senior Staff Appointments

Senior Management Appointments

Professor Edwina Cornish: Deputy Vice-Chancellor (Research)

Professor Malcolm Gillies: Executive Dean (PALACE)

Professor Judith Brine: Pro Vice-Chancellor (Special Projects)

Chairs

Professor Graham Dandy: Chair of Civil Engineering

Professor James Paton: Chair of Microbiology

Professor Simon Maddocks: Director, Roseworthy Campus, and Chair of Animal Science

Affiliates

Emeritus Professor Max Brennan: Adjunct Professor (Physics and Mathematical Physics)

Professor Tina Koch: Clinical Professor (Clinical Nursing)

Professor Tim Flannery (South Australian Museum): Affiliate Professor

Election to Learned Academies

Associate Professor Carol Bacchi (Politics): Fellow of the Academy of the Social Sciences in Australia

Professor Edwina Cornish (Deputy Vice-Chancellor (Research)): Fellow of the Australian Academy of Technological Sciences and Engineering

Professor Stewart Greenhalgh (Geology and Geophysics): Fellow of the Australian Academy of Technological Sciences and Engineering

Scholarly and Professional Societies

Dr Derek Abbott (Electrical and Electronic Engineering): Senior Member, Institute of Electrical and Electronics Engineers

Dr Andrew Austin (Applied and Molecular Ecology): President, Australian Entomological Society

Professor Russell Baudinette (Environmental Biology): Quality Control Committee, Australian Research Council

Professor Alan Carey (Pure Mathematics): President, Australian Mathematics Society

Dr Roger Clay (Physics and Mathematical Physics): Life Member, Astronomical Society of Australia

Professor Caroline McMillen (Physiology): Elected Member, United States Perinatal Research Society

Associate Professor Peter Mullinger (Chemical Engineering): Australian Representative, International Flame Research Committee

Dr Julie Owens (Physiology): Elected Member, United States Perinatal Research Society

Professor Robert Saint (Special Research Centre for the Molecular Genetics of Development): Vice-President, Genetics Society of Australia

Professor George Smolicz (Education): Australian representative to the International Institute of Sociology Conference, Tel Aviv

Dr Keith Walker (Environmental Biology): Member of the Board of the Bookmark Biosphere Trust

Public Appointments

Professor Kym Anderson (Economics): Board Member, Australian Grape and Wine Research and Development Corporation

Professor Edwina Cornish (Deputy Vice-Chancellor (Research)): Member, South Australian Government Innovation, Science and Technology Council

Professor Anita Donaldson (Performing Arts): Director, Australian Dance Theatre

Associate Professor Mike Gibbard (Electrical and Electronic Engineering): Australian Member, International Council on Large Electric Systems (CIGRE), International Taskforce on Co-ordinated Voltage Control in Transmission Networks

Professor Malcolm Gillies (Humanities and Social Sciences): Honorary Research Fellow, Royal Holloway College, University of London

Professor Peter Høj (Oenology): Member, South Australian Government Innovation, Science and Technology Council

Dr Rob Morrison (Media, Marketing and Publications): National Environmental Education Council

Associate Professor Peter O'Brien (Commerce): Academic Board, Regency Institute of TAFE

Dr David Paton (Environmental Biology): Technical Advisory Group on Environmental Flows and Water Quality Objectives for the River Murray in South Australia

Professor Wilfred Prest (History): Research Associate, New Dictionary of National Biography project

Dr Friedrich Recknagel (Soil and Water): Member, International Advisory Board for restoration of Lake Dianchi, Peoples Republic of China

Professor Sally Smith (Soil and Water): Member, Research, Education and Development Board; Member, South Australian Committee of the Crawford Fund

Professor George Smolicz (Education): Chair, Ministerial Advisory Committee on Multicultural Education, Training and Care

Professor Margaret Sedgley (Horticulture, Viticulture and Oenology): Member, Australian Wine Research Institute Board

Dr Keith Walker (Environmental Biology): Technical Advisory Group on Environmental Flows and Water Quality Objectives for the River Murray in South Australia

Professor David Wilkinson (South Australian Centre for Rural and Remote Health): Member, Steering Group, International Cochrane Collaboration

Professor Ian Young (Engineering, Computer and Mathematical Sciences): Presiding Member, South Australian Government Coast Protection Board

Awards

Dr Norman Ashton (Pro Vice-Chancellor (Development)): The Australian Sports Medal

Dr Mark Gibson (Pathology): IREX Fellowship

Professor Michael Horowitz (Medicine): Eric Susman Prize, Royal Australian College of Physicians

Professor Graeme Hugo (Geographical and Environmental Studies): Alison Furbank Communications Award

Professor Stephen Lincoln (Chemistry): Archibald Ollé Prize

Dr Maria Makrides (Obstetrics and Gynaecology): R Douglas Wright Award

Dr Gus Nathan (Mechanical Engineering): Australian Institute of Political Science Young "Tall Poppy" Award

Dr Christine O'Keefe (Pure Mathematics): Australian Mathematical Society Medal

Dr David Paton (Environmental Biology): SA Great Environment Award

Professor Hugh Possingham (Applied and Molecular Ecology): Frank Fenner Medal (Australian Academy of Science)

Professor Peter Rathjen (Biochemistry): Australian Institute of Political Science Young "Tall Poppy" Award

Associate Professor Michael Roberts (Anthropology): Alexander von Humboldt Fellowship

Dr Sarah Robertson (Obstetrics and Gynaecology): Australian Institute of Political Science Young "Tall Poppy" Award

Associate Professor David Round (Economics): University of Canterbury Visiting Erskine Fellowship

Ms Jennifer Schaffer (Public Health): Australian Violence Prevention Award

Professor Thomas Shapcott (Creative Writing): Patrick White Literary Award

Dr Ron Smernik (Soil and Water): Technology Diffusion Program Award for Young Researchers

Professor George Smolicz (Education): Commander Cross of Merit of the Polish Republic

Professor Tony Thomas (Centre for Subatomic Structure of Matter): Harrie Massey Medal, Institute of Physics and Australian Institute of Physics

Dr Mathai Varghese (Pure Mathematics): Clay Mathematics Institute Fellowship; Australian Mathematical Society Medal

Associate Professor Keith Walker (Zoology): Australian Science Communicators SA "Unsung Hero of South Australian Science" Award

Associate Professor Dr John Wallace (Biochemistry): Lemberg Medal, Australian Society for Biochemistry and Molecular Biology

Professor David Wilkinson (South Australian Centre for Rural and Remote Health): Frederick Murgatroy Memorial Prize, Royal College of Physicians (UK)

Professor Martin Williams (Geographical and Environmental Studies): Wiley Award, British Geomorphological Research Group

Mrs Susan Woodburn (Barr Smith Library): Harold White Fellowship, National Library of Australia

Student Appointments

Ms Barbara Jenkins (Arts/Law): Youth Governor of South Australia

Student Honours

Mr Jamie Adam (Elder Conservatorium): National Marimba Competition Prize Winner

Ms Kim Anderson (Engineering/Arts): Premier's Undergraduate Scholarship in Information Technology

Ms Faye Ashworth (Law/Science): Charles Allen Seymour Hawker Memorial Scholarship

Mr Thomas Banhazi (Animal Science): SA Pig and Poultry Industry Award

Ms Janet Coller (Clinical and Experimental Pharmacology): C J Martin Fellowship

Mr Nathan Craig (Agriculture): IAMA Graduate Scholarship

Ms Patricia Diaz (Dentistry): Postgraduate Division Prize, Colgate Poster Competition

Mr Jeremy Douglas (Law): Baudin Travel Grant

Mr Brad Ferguson (Electrical and Electronic Engineering): Premier's Postgraduate Scholarship

Ms Melissa Fraser (Agricultural Science): Gawler Show Young Rural Ambassador

Mr David Gallot (Agricultural Science): McLaren Vale Vine Improvement Scholarship

Ms Anita Hagger (Agricultural Science): Premier's Undergraduate Scholarship in Biological Sciences

Mr Leigh Harrold (Music): Geoffrey Parsons Award for Piano Accompanists

Mr Scott Heyes (Landscape Architecture): Queens Trust Scholarship

Ms Melanie Jarvis (Environmental Studies): John L Young Scholarship

Mr Ben Kozel (Science): Became one of the few people to navigate the entire stretch of the Amazon by inflatable raft

Mr Michael Lees (Molecular Biosciences): Progen Fellowship

Ms Carla Litchfield (Psychology): Australian Science Communicators SA "Unsung Hero of South Australian Science" Award

Ms Sue McKay (Social Inquiry): John L Young Scholarship

Ms Vanessa Menadue (Architecture): First Prize, PATHE GreenSmart Awards

Mr Sam Mickan (Electrical and Electronic Engineering): Fulbright Scholarship

Ms Susan Millard (Biochemistry): Premier's Postgraduate Scholarship in Bioscience

Mr Gerald Murray (Microbiology and Immunology): Premier's Postgraduate Scholarship in Biotechnology

Ms Amanda Palmer (Arts/Law): Australian Institute of International Affairs (SA) Scholarship

Ms Anne Philcox (Engineering/Science): Premier's Undergraduate Scholarship in Biotechnology

Mr Stephen Polyak (Molecular Biosciences): Australian Society for Biochemistry and Molecular Biology (ASBMB) Fellowship

Ms Julie Reppel (Chemical/Mechanical Engineering): Best postgraduate paper prize, Second Laser Diagnostics Conference in Fluid Mechanics and Combustion

Mr James Roberts (English): First Prize, Tertiary Section, University of Canberra National Short Story Competition

Ms Jane Schulz (Agricultural Science): Lois Harris Agricultural Bureau Scholarship

Mr Alex Stopa (Elder Conservatorium): National Marimba Competition Prize Winner

Mr Stephen Watt (Arts): Premier's Enterprise Scholarship

Ms Mardi van der Wielen (Soil and Water): Best Oral presentation, New Zealand Limnological Society and the Australian Society of Limnology Annual Conference

Recognition of Our Graduates

Mr Brian Croser (Deputy Chancellor): Officer of the Order of Australia (AO)

The late Dame Roma Mitchell: Commander of the Royal Victorian Order (CVO), Queen's New Year's Day Awards

Dr Andy Thomas: Officer of the Order of Australia (AO)

Professor Mark Wahlqvist: Officer of the Order of Australia (AO)

Mr Robert Piper: Officer of the Order of Australia (AO)

Mr Robert Angove: Member of the Order of Australia (AM)

Dr Richard Burns: Member of the Order of Australia (AM)

Associate Professor Peter Marshall: Member of the Order of Australia (AM)

Hon. Justice Roderick Matheson: Member of the Order of Australia (AM)

Financial

Report



>> 2000



Statement by the Chancellor and the Vice-Chancellor

In our opinion:

(a) the Financial Statements of the University of Adelaide present fairly the financial transactions of the University during the financial year ended 31 December 2000, and the financial position of its operations as at that date; and

(b) in terms of Chapters 2 and 4 of the Higher Education Funding Act 1988 (HEFA) and subsequent amendments, the Operating Statement correctly displays the Commonwealth Government Grants received by the University of Adelaide, and the application of these grants to expenditure for University purposes.

The Financial Statements have been prepared on an accrual basis of accounting to comply with appropriate Australian Accounting Standards, and the reporting requirements under HEFA which are detailed in the Commonwealth Department of Education, Training and Youth Affairs (DETYA)'s instructions. An explanation of accounting policies adopted is detailed in notes to the statements.

We are not aware, at the date of signing this Statement, of any circumstances which would render any particulars included in the Statements to be misleading or inaccurate.

Signed in accordance with a resolution of the Council of the University of Adelaide.

Handwritten signature of Robert Champion de Crespigny in grey ink.

ROBERT CHAMPION DE CRESPIGNY
Chancellor

Handwritten signature of Mary O'Kane in grey ink.

MARY O'KANE
Vice-Chancellor

23 April 2001

Statement of Financial Performance for the Year Ended 31 December 2000

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
OPERATING REVENUE	5,6				
Received under Higher Education Funding Act					
Base Operating Grant		99,016	98,558	99,016	98,558
Other Operating Grants		2,357	2,708	2,357	2,708
Higher Education Contribution Scheme		36,990	36,803	36,990	36,803
		<u>138,363</u>	<u>138,069</u>	<u>138,363</u>	<u>138,069</u>
Learning and Teaching					
Student fees	5	28,100	31,224	28,100	31,224
Grants		5,173	4,313	5,173	4,313
		<u>33,273</u>	<u>35,537</u>	<u>33,273</u>	<u>35,537</u>
Research Grants and Fees					
National competitive grants		37,550	32,729	37,550	32,621
Public sector - other		10,324	9,402	9,806	9,197
Industry and other		12,108	7,370	12,428	7,545
		<u>59,982</u>	<u>49,501</u>	<u>59,784</u>	<u>49,363</u>
Research Other					
Cooperative Research Centre direct funding		2,949	8,097	2,949	8,097
Research infrastructure program		7,391	6,111	7,391	6,111
		<u>10,340</u>	<u>14,208</u>	<u>10,340</u>	<u>14,208</u>
Other					
Investment revenue		4,459	9,658	4,257	9,471
Property revenue		6,195	4,574	5,916	4,570
Specialist services and trading		34,565	45,511	10,637	9,242
Deferred superannuation	21(e)	(2,600)	2,600	(2,600)	2,600
Other		22,028	8,909	13,931	10,840
		<u>64,647</u>	<u>71,252</u>	<u>32,141</u>	<u>36,723</u>
Total operating revenue		<u>306,605</u>	<u>308,567</u>	<u>273,901</u>	<u>273,900</u>
OPERATING EXPENSES	6				
Salaries and related expenses	3(m)	168,473	174,110	162,276	164,591
Student services		15,956	17,506	15,956	17,506
Teaching and research materials		23,680	19,770	22,358	18,141
Buildings and grounds		14,428	15,081	14,060	14,470
Administration, communication and travel		51,147	50,109	28,602	28,061
Finance and fund administration		3,583	2,750	3,511	2,725
Misc equip, dep'n and wdv assets sold		27,984	21,405	26,817	20,645
Deferred and HEFA superannuation	21(e)	(1,401)	4,363	(1,401)	4,363
Total operating expenses		<u>303,850</u>	<u>305,094</u>	<u>272,179</u>	<u>270,502</u>
Operating surplus		<u>2,755</u>	<u>3,473</u>	<u>1,722</u>	<u>3,398</u>
Add accumulated funds at beginning of year		73,741	72,348	63,745	62,618
Transfers					
(To)/from reserves	16	(4,647)	(2,067)	(4,647)	(2,271)
Outside equity interest	26	(1,664)	(13)	-	-
Accumulated funds at end of year		<u>70,185</u>	<u>73,741</u>	<u>60,820</u>	<u>63,745</u>

The accompanying notes form part of these accounts.

Statement of Financial Position as at 31 December 2000

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
CURRENT ASSETS					
Cash		14,405	8,252	9,483	3,641
Receivables	7	12,324	10,236	9,059	7,652
Investments	8	35,362	56,804	38,985	56,713
Inventories	9	3,112	1,603	1,679	-
Other	10	6,088	48,069	3,353	3,114
Total current assets		71,291	124,964	62,559	71,120
NON-CURRENT ASSETS					
Investments	8	82,036	76,153	75,878	70,387
Property, plant and equipment	11	483,213	462,315	461,154	443,918
Deferred government superannuation contribution	21(e)	31,900	34,500	31,900	34,500
Other	10	-	102	-	-
Total non-current assets		597,149	573,070	568,932	548,805
Total assets		668,440	698,034	631,491	619,925
CURRENT LIABILITIES					
Creditors	12	21,178	54,907	15,498	7,362
Borrowings	13	4,732	3,442	7,011	2,990
Provisions	14	12,219	9,134	11,084	8,403
Deferred employee superannuation benefits	21(e)	2,100	2,800	2,100	2,800
Other	15	17,601	18,244	17,199	18,135
Total current liabilities		57,830	88,527	52,892	39,690
NON-CURRENT LIABILITIES					
Borrowings	13	17,288	17,374	17,281	17,357
Provisions	14	21,034	22,486	21,012	22,394
Deferred employee superannuation benefits	21(e)	29,800	31,700	29,800	31,700
Total non-current liabilities		68,122	71,560	68,093	71,451
Total liabilities		125,952	160,087	120,985	111,141
Net assets		542,488	537,947	510,506	508,784
EQUITY					
Capital reserves	16	371,329	368,212	350,850	350,850
Specific purpose reserves	16	98,836	94,189	98,836	94,189
Accumulated results - outside equity interest		2,138	1,805	-	-
Accumulated results - of operations		70,185	73,741	60,820	63,745
Total equity		542,488	537,947	510,506	508,784

The accompanying notes form part of these accounts.

Statement of Cash Flows for the Year Ended 31 December 2000

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
CASHFLOWS FROM OPERATING ACTIVITIES					
Inflows:					
Grant Revenue					
Commonwealth Government general grants		103,900	101,849	103,900	101,849
Commonwealth Government research grants		51,669	43,729	51,361	43,729
State Government grants		6,776	6,671	6,639	6,466
Higher Education Contribution Scheme	33				
Student payments		6,201	5,095	6,201	5,095
Higher Education Trust Fund		30,789	31,634	30,789	31,634
Other research grants and fees		11,551	15,291	11,871	15,291
Student fees		29,488	30,931	29,488	30,931
Scholarships and prizes	5	1,237	679	1,237	654
Donations and bequests	5	2,055	1,603	2,755	3,256
Investment income received		6,483	4,962	6,166	4,775
Specialist services and produce trading		40,957	45,551	10,637	9,242
Fees and charges		10,016	4,087	8,096	3,608
Other		2,238	10,080	2,066	11,297
Total Inflows		303,360	302,162	271,206	267,827
Outflows:					
Salaries and related expenses		(176,111)	(171,743)	(165,097)	(162,273)
Student services		(15,958)	(17,506)	(15,958)	(17,506)
Goods and services		(90,626)	(91,297)	(66,791)	(67,725)
Interest paid		(1,817)	(1,839)	(1,775)	(1,839)
Total Outflows		(284,512)	(282,385)	(249,621)	(249,343)
Net cash provided by operating activities	17(b)	18,848	19,777	21,585	18,484
CASH FLOWS FROM INVESTING ACTIVITIES					
Inflows:					
Proceeds from sale of property, plant and equipment		2,045	2,252	1,495	2,088
Proceeds from sale of business		-	30	-	-
Repayment of loan		138	166	138	166
Additional borrowings		-	1,068	-	683
Total Inflows		2,183	3,516	1,633	2,937
Outflows:					
Payments for property, plant and equipment		(35,676)	(37,043)	(34,800)	(36,011)
Payments for investments industry Composite Fund		(1,062)	(2,682)	(394)	(2,249)
Decrease in borrowings		(123)	(306)	(73)	(6)
Additional lending		347	-	(2,862)	(500)
Distribution to minority		(64)	(75)	-	-
Total Outflows		(37,272)	(40,106)	(38,129)	(38,766)
Net cash used in investing activities		(35,089)	(36,590)	(36,496)	(35,829)
Net increase/(decrease) in cash held		(16,241)	(16,813)	(14,911)	(17,345)
Cash at beginning of reporting period		64,643	81,456	58,941	76,286
Cash at end of reporting period	17(a)	48,402	64,643	44,030	58,941

There were no cash flows from financing activities during the accounting period.

The accompanying notes form part of these accounts.

Notes to the Financial Statements

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Notes to and Forming Part of Financial Statements Year Ended 31 December 2000

1 Basis of Preparation

These notes, prepared in conjunction with the financial statements, provide an explanation of significant accounting policies and practices adopted in the preparation of the financial statements. The financial statements and notes collectively constitute a general purpose financial report prepared in accordance with Australian Accounting Standards, unless otherwise disclosed in these notes. The report also conforms with the reporting requirements of the Commonwealth Department of Education, Training and Youth Affairs (DETYA).

The term "Statement of Financial Performance" is a reporting requirement of DETYA, and not the early adoption of AAS1 – Statement of Financial Performance.

2 Scope of Reporting

The financial statements and notes disclose the operating results and 1999 comparative results of the University of Adelaide as follows:

University - refers to all aspects of operation of the University of Adelaide only.

Consolidated - refers to the operating results of the University of Adelaide together with operating results of its controlled entities, interests in associated entities and its joint venture operations. In the following notes this will be referred to as the Economic Entity.

The operational aspects of the University of Adelaide also include the following activities:

- Australian Music Examinations Board
- Mawson Appeal
- The University of Adelaide Medical Foundation
- South Australian Foundation for Dental Education and Research Inc
- The Postgraduate Committee of Dentistry
- The University of Adelaide Foundation

The controlled entities of the University of Adelaide included in this report are:

- Lubims Pty Ltd
- Luminis Pty Ltd as trustee for Luminis Investment Trust
 - Australian Company Number 060 292 486 Pty Ltd formerly Camtech (SA) Pty Ltd as trustee for Camtech Discretionary Trust
 - Camtech R&D Pty Ltd (Sold 10/1/01)
 - Camtech ASIA Sdn Bhd (Sold 10/1/01)
 - Australian Company Number 49 089 171 719 Ltd formerly Camtech Corporation Ltd
- Repromed Pty Ltd
- Disc Pty Ltd
- Martindale Holdings Pty Ltd as trustee for JS Davies Estate
- JAT Mortlock Trust

Refer to Note 26 Investment in Controlled Entities.

3 Statement of Significant Accounting Policies

(a) Basis of Accounting

The financial report has been prepared 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.

These accounting policies have been consistently applied by each entity in the consolidated entity 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.

3 Statement of Significant Accounting Policies (cont'd)

(b) Principles of Consolidation

The consolidated financial statements of the Economic Entity include the financial statements of the University being the parent entity, and its controlled entities ('the consolidated entity').

Where an entity either began or ceased to be controlled during the year, the results are included only from the date control commenced or up to the date control ceased.

The balances, and effects of transactions, between controlled entities included in the consolidated financial statements have been eliminated.

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

(c) Foreign Currency

Foreign currency transactions are translated to Australian currency at the rates of exchange ruling at the dates of the transactions. Amounts receivable and payable in foreign currencies at balance date are translated at the rates of exchange ruling on that date.

The Statements of Financial Position of overseas controlled entities that are self-sustaining foreign operations are translated at the rates of exchange ruling at balance date. The profit and loss statements are translated at a weighted average rate for the year. Exchange differences arising on translation are taken directly to the foreign currency translation reserve.

(d) Revenue Recognition

All revenues are recognised in the accounting period to which they apply. Revenue received in advance of the reporting period is recognised as a liability in the Statement of Financial Position.

- **Student Tuition Fees and Charges:**

Student tuition fees and charges are recognised in the accounting period in which service is provided.

- **Interest and Investment Income:**

Interest and income from investment is recognised as it accrues (Refer to Note 3(g)).

- **Asset Sales:**

The gross proceeds of asset sales are included as revenue of the consolidated entity. The profit or loss on disposal of assets is brought to account at the date an unconditional contract of sale is signed.

(e) Employee Entitlements

- **Wages, salaries and annual leave:**

The provisions for employees' entitlements to wages, salaries and annual leave represents the amount which the consolidated entity has a present obligation to pay resulting from employees' services provided up to the balance date. The provisions have been calculated at undiscounted amounts based on current wage and salary rates and includes related on costs.

- **Long Service Leave:**

The liability for employees' entitlements to long service leave represents the present value of the estimated future cash outflows to be made by the employer resulting from employees' services provided up to the balance date.

Liabilities for employee entitlements which are not expected to be settled within twelve months are discounted using the rates attaching to Commonwealth Government securities at balance date, which most closely match the terms of maturity of the related liabilities.

In determining the liability for employee entitlements, consideration has been given to future increases in wage and salary rates, and the consolidated entity's experience with staff departures. Related on-costs have also been included in the liability.

- **Superannuation:**

Superannuation schemes exist to provide benefits to University employees and their dependents upon retirement, disability or death. The contributions made to these schemes by the University, and emerging costs from unfunded schemes, are expensed in the Statement of Financial Performance. Refer to Note 21 for details relating to the individual schemes.

(f) Doubtful and Bad Debts

The collectibility of receivables is assessed at balance date and provision is made for any accounts considered to be doubtful. Any debts considered to be non-collectable have been expensed as bad debts.

3 Statement of Significant Accounting Policies (cont'd)

(g) Investments

Funds are invested in the following categories under guidelines determined by the University. Details of these investments are disclosed in Note 8.

- **Cash on Deposit**

These are cash balances held in interest earning facilities with financial institutions.

- **Composite Fund**

The bulk of specific purpose endowments received by the University to fund research activities, scholarships, prizes and lectures, are included in the Composite Fund. This Fund is invested in cash deposits and longer term investments managed by an independent portfolio manager. It includes a mix of Australian equities, overseas equities, fixed interest securities and property trusts. These investments are reported in the Statement of Financial Position at market values obtained from the portfolio manager. Unrealised gains or losses are recognised in the Statement of Financial Performance.

(h) Investments in Business Undertakings

- **Controlled Entities**

Investments in controlled entities are carried in the University's financial statements at the lower of cost and recoverable amount. Dividends and distributions are brought to account in the Statement of Financial Performance when they are declared by the controlled entities.

- **Associates**

An associate is an entity, other than a partnership, over which the consolidated entity exercises significant influence and where the investment in that entity has not been acquired with a view to disposal in the near future.

In the University's financial statements, investments in associates are carried at the lower of cost or recoverable amount.

In the consolidated financial statements, investments in associates are accounted for using equity accounting principles. Investments in associates are carried at the lower of the equity accounted amount and recoverable amount. The consolidated entity's share of the associates' net profit or loss after tax is recognised in the consolidated Statement of Financial Performance after the elimination of unrealised profits and losses on transactions between the associate and any entities in the consolidated entity or another associate of the consolidated entity. Other movements in reserves are recognised directly in consolidated reserves.

- **Joint Venture Operations**

The University derives income as part of its participation in Cooperative Research Centres, as listed in Note 28 (a)(i). In the ordinary course of events this income is used to meet operational costs and/or acquire equipment which is recognised in the accounts of the University. As a participant, the University will be entitled to a proportionate share of any intellectual property arising, which in time, it would be required to account for under the rules of joint venture accounting. As at year end, the University is not aware of any material intellectual property with commercial value. As such no accounting entries have been recorded.

The consolidated entity's interest in Other Unincorporated Joint Ventures, as described in Note 28 (a)(ii), is not considered material in total, and as such they have been reported as a net amount in investments.

- **Other Business Undertakings**

The Economic Entity does not exercise significant influence over the two public listed investments held by the Luminis Investment Fund. The Economic Entity's holdings as at balance date are subject to escrow provision.

As the Economic Entity is not in a position to dispose of these shares, the valuation has remained unchanged. Refer Note 29 Other Investments.

(i) Inventories

- **Consumable Materials and Trading Stock**

The University operates from multiple locations where working levels of inventory are held. Previously, inventory was expensed at the date of acquisition and was not displayed in the Statement of Financial Position. However, in the current year there has been a change in accounting policy where inventory on hand as at 31 December 2000, was brought to account as a current asset at the lower of cost or net realisable value. Where controlled entities have reported inventory, this is included in consolidated figures for the group at the lower of cost or net realisable value.

- **Livestock**

Although the University breeds animals for teaching and research activities, it does not conventionally value livestock for recording in the Statement of Financial Position. Where controlled entities have reported livestock, this is included at net realisable value.

3 Statement of Significant Accounting Policies (cont'd)

(j) Non-current Assets

• Acquisitions

Items of property, plant and equipment are initially recorded at cost in the Statement of Financial Position (unless otherwise indicated) and depreciated/amortised in accordance with Note 3(k).

• Revaluations

Land, buildings and works of art are independently valued every three years on an existing use basis of valuation and are included in the financial statements at the revalued amounts. The next valuation will be undertaken during 2001.

• Disposal of Revalued Assets

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

Any related revaluation increment standing in the asset revaluation reserve at the time of disposal is transferred to the capital profits reserve.

• Land and Buildings

The University differentiates between "trust" and "other" land and buildings. A "trust" building is one which is constructed on land provided by government in trust for the specific purpose of operating the University, or acquired by settlement under a binding trust. Other buildings are referred to as "other" buildings.

Buildings acquired prior to 31 December 1998, are valued at net replacement cost. These valuations were prepared by Edward Rushton Australia Pty Ltd. Expenditure incurred during the course of 1999 and 2000 has been reported at cost.

• Other Collections

The University owns a number of collections of cultural, historical and scientific significance. Many of these collections are unique or extremely rare. The University is not able to reliably measure the value of these collections and therefore has not recognised them as an asset in the Statement of Financial Position. Furthermore, collections which are irreplaceable (excluding works of art) are not covered by University insurance due to difficulty in determining an insurable value, the costs associated with deriving such a value, and the premium load an insurer would require to carry such a risk.

• Library Collection

During 1998, the Library was valued using an internal valuation based on the annual price movement of books and journals. Acquisitions since the date of the valuation have been valued at cost.

• Works of Art

Items greater than \$25,000, are recorded on the basis of an independent valuation carried out by Mr J.F.B. Bruce valuer (MSAV) of Ian Bruce Pty Ltd on 11 November 1999. Acquisitions after 11 November 1999 are recorded at cost. No provision for depreciation is made.

• Software

The University capitalises certain software costs with a purchase price greater than \$100,000 and an expected useful life greater than twelve months, together with all costs associated with implementation. These are recorded on the basis of cost and then amortised upon bringing the system into an operational environment.

• Leased Plant and Equipment

Leased plant and equipment over which the University or its controlled entities assume substantially all the risks and benefits of ownership, are classified as finance leases. Other leases are classified as operating leases.

Finance leases are capitalised. A lease asset and a lease liability equal to the present value of the minimum lease payments are recorded at the inception of the lease. Capitalised lease assets are amortised on a straight line basis over the term of the relevant lease, or where it is likely the consolidated entity will obtain ownership of the asset, the life of the asset. Lease liabilities are reduced by repayments of principal. The interest components of the lease payments are charged to the Statement of Financial Performance. Also refer to Note 18.

Payments made under operating leases are charged against profits in equal instalments over the accounting periods covered by the lease term.

3 Statement of Significant Accounting Policies (cont'd)

(k) **Depreciation and Amortisation**

Depreciation and amortisation are charged on a straight line basis using expected useful lives. The expected useful lives used for each class of asset are as follows:

	Range
• Buildings	30 - 80 years
• Library	5 - 50 years
• Plant and Equipment	5 - 10 years
• Software and Implementation Costs	3 - 5 years
• Leased Plant and Equipment	10 years
• Leasehold Improvements	10 years

(l) **Workers' Compensation**

The University is responsible for payments of workers' compensation claims and is registered with Workcover as an exempt employer. Administrative arrangements with the associated entity Unisure Pty Ltd incorporate the management of claims and funds invested.

The provision for workers' compensation claims has been prepared by William M. Mercer using the Claims Paid Development Method wherein all past claims are brought to current value with an allowance for late reporting of claims and administration costs.

(m) **Salaries and Related Expenses**

Items attributed to Salaries and Related Expenses include salaries and wages, employee entitlements, and other costs incidental to the employment of staff within the Economic Entity such as professional development costs, fringe benefit tax etc.

(n) **Operating Revenue – Other**

The classification "Other" contains revenue items which individually are not material due to their nature or size. Such items falling within this classification include sale of assets, income from independent organisations for whom the University provided management services, royalties, fund raising and bequests, sundry recoveries and recharges, etc.

(o) **The Special Reserve**

The special reserve is created for surplus funds which will be specifically acquitted in future accounting periods.

(p) **Rounding to the Nearest \$000**

All amounts in this report are rounded to the nearest one thousand dollars.

(q) **Comparative Information**

These financial statements display information for the preceding corresponding reporting period. Comparative figures have been reclassified to reflect current disclosure requirements of the University and DETYA.

As at January 2000, the University replaced the existing financial accounting system as among other things, the system was not Y2K compliant. As part of this replacement, there was a significant refinement to the accounting policies and codes used. This refinement, whilst significantly enhancing the quality of information reported, has nonetheless, created an apparent distortion when comparing 2000 actual results with those reported in 1999. Where possible, 1999 results have been reclassified to provide more meaningful comparatives.

4 Change in Accounting Policy

(a) **Valuation of Inventory**

In previous years, the University expensed costs associated with inventory at the time of purchase. For the financial year ended 31 December 2000, there was a change of policy whereby inventory on hand as at 31 December 2000, was brought to account as a current asset at the lower of cost or net realisable value. The financial impact arising from this policy change was an increase in the operating surplus by \$1.7 million.

(b) **Calculation of Depreciation and Amortisation**

During the course of the year, the University implemented the PeopleSoft suite of accounting modules. One of these modules implemented was the Fixed Asset module.

The methodology of calculating depreciation and amortisation expense in the PeopleSoft Fixed Asset module, is different to the method used by the previous fixed asset accounting system. The key difference, is that the PeopleSoft methodology calculates the expense from the month following asset acquisition, whereas the previous system calculated the expense from the exact date of acquisition. The financial effect of the change in methodology cannot be easily quantified.

There has been no change in the expected useful lives used in PeopleSoft compared to the previous fixed asset accounting system.

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
5 Operating Revenue					
Revenue from Operating Activities					
Bequests and donations received for					
Research		1,478	1,112	1,478	1,287
Prizes and scholarships		1,237	679	1,237	654
General operational purposes		577	491	1,277	1,444
		<u>3,292</u>	<u>2,282</u>	<u>3,992</u>	<u>3,385</u>
Consultancy, Contract and Industry Research Income		<u>17,412</u>	<u>8,178</u>	<u>11,643</u>	<u>8,178</u>
Student Fee income includes:					
Award Courses					
Australian fee paying undergraduate students		521	598	521	598
Australian fee paying postgraduate students		3,378	3,497	3,378	3,497
International fee paying students		19,795	21,524	19,795	21,524
		<u>23,694</u>	<u>25,619</u>	<u>23,694</u>	<u>25,619</u>
Non award courses					
Australian fee paying		650	1,453	650	1,453
Continuing education		1,114	844	1,114	844
Other teaching service fees		2,642	3,308	2,642	3,308
		<u>4,406</u>	<u>5,605</u>	<u>4,406</u>	<u>5,605</u>
		<u>28,100</u>	<u>31,224</u>	<u>28,100</u>	<u>31,224</u>
Investment income includes:					
General funding earnings		4,221	3,380	3,868	3,193
Composite fund earnings		4,842	4,454	4,842	4,454
General and Composite fund investment market value adjustment		(2,958)	1,824	(2,958)	1,824
Royalty income		273	20	21	24
Distribution from controlled entities		-	-	470	953
		<u>6,378</u>	<u>9,678</u>	<u>6,243</u>	<u>10,448</u>
Research directed earnings from the Composite Fund qualify for inclusion in the calculation of the Research Quantum, and as such are reported in the Statement of Financial Performance as part of Research Grants and Fees.					
Gross proceeds from sale of non-current assets		<u>1,777</u>	<u>1,566</u>	<u>1,495</u>	<u>1,388</u>
Share of net profits (losses) of:					
Associates	27	(127)	(170)	-	-
Joint venture operations	28	202	150	-	150

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
6 Operating Surplus					
Operating surplus is arrived at after crediting or charging the following items:					
<u>Credits</u>					
Net Foreign Exchange Gain		99	-	99	-
Net gain on disposal of property, plant and equipment		559	399	273	270
<u>Charges</u>					
<u>Amortisation</u>					
Leasehold Improvements		20	19	20	-
Leased plant and equipment		12	1	12	1
Software and system development costs		1,939	315	1,852	315
		1,971	335	1,884	316
<u>Bad and doubtful debts cost</u>					
Student loans		20	1	20	1
Student tuition		9	-	9	-
Other debtors		996	295	906	258
		1,025	296	935	259
<u>Depreciation</u>					
Buildings		3,849	3,372	3,674	3,334
Plant and equipment		5,505	5,943	4,734	5,404
Library collection		5,814	5,850	5,814	5,850
		15,168	15,165	14,222	14,588
<u>Expenses directly related to employee entitlements includes</u>					
Contributions to superannuation schemes:					
Deferred employee benefits for superannuation		(2,600)	2,600	(2,600)	2,600
Emerging cost		1,199	1,763	1,199	1,531
Funded		18,164	17,337	17,498	16,988
		16,763	21,700	16,097	21,119
Payroll tax		7,893	8,853	7,497	8,459
Annual leave		5,399	3,275	5,364	3,246
Long service leave expense		3,091	3,275	3,100	3,220
Workers' compensation		709	1,370	621	1,263
		33,855	38,473	32,679	37,307
<u>Finance charges on capitalised leases</u>					
		158	1	89	1
<u>Interest and finance costs</u>					
		1,775	1,849	1,775	1,839
<u>Net loss on disposal of property, plant and equipment</u>					
		308	456	236	396
<u>Operating lease rental expense</u>					
		1,792	1,676	1,709	1,676

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
7 Receivables	3(f)				
Student tuition fees		1,004	1,827	1,004	1,827
Less: provision for doubtful debts		(230)	(225)	(230)	(225)
		<u>774</u>	<u>1,602</u>	<u>774</u>	<u>1,602</u>
Sundry and trade debtors		12,697	6,501	9,186	5,992
Less: provision for doubtful debts		(1,305)	(247)	(1,059)	(153)
		<u>11,392</u>	<u>6,254</u>	<u>8,127</u>	<u>5,839</u>
Student loans		158	211	158	211
Other		-	2,169	-	-
		<u>12,324</u>	<u>10,236</u>	<u>9,059</u>	<u>7,652</u>

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
8 Investments					
Current					
Short-term investment portfolio					
Cash on deposit	3(g)	34,547	55,300	34,547	55,300
Other		217	1,253	121	162
		<u>34,764</u>	<u>56,553</u>	<u>34,668</u>	<u>55,462</u>
Loans					
Loans to controlled entities		-	-	3,719	1,000
Other loans		598	251	598	251
		<u>598</u>	<u>251</u>	<u>4,317</u>	<u>1,251</u>
		<u>35,362</u>	<u>56,804</u>	<u>38,985</u>	<u>56,713</u>
Non-current					
Composite fund	3(g)				
Australian fixed interest securities		1,852	2,463	1,852	2,463
Australian equities		8,775	9,197	8,775	9,197
Overseas equities		10,992	11,161	10,992	11,161
Property trusts		2,551	2,245	2,551	2,245
Cash and liquid assets		32,426	30,746	32,426	30,746
		<u>56,596</u>	<u>55,812</u>	<u>56,596</u>	<u>55,812</u>
Managed investment held by Unisure Pty Ltd		<u>8,942</u>	<u>9,095</u>	<u>8,942</u>	<u>9,095</u>
Interest in business undertakings					
Controlled entities	26	-	-	2,898	2,898
Associated entities	27				
At cost		-	-	197	197
Listed shares at Council valuation 1999		264	-	-	-
Listed shares at Council valuation 2000		8,572	-	-	-
Equity accounted		162	289	-	-
		<u>8,998</u>	<u>289</u>	<u>197</u>	<u>197</u>
Joint venture entities	28	202	150	150	150
Other investments	29	5,103	8,675	5,103	103
		<u>14,303</u>	<u>9,114</u>	<u>8,348</u>	<u>3,348</u>
Loans					
Other loans		2,695	2,632	2,492	2,632
Provision for doubtful debts		(500)	(500)	(500)	(500)
		<u>2,195</u>	<u>2,132</u>	<u>1,992</u>	<u>2,132</u>
		<u>82,036</u>	<u>76,153</u>	<u>75,878</u>	<u>70,387</u>

Other loans are all secured by way of either a mortgage over land or a second priority fixed or floating charge over property.

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
9 Inventories	3(i)				
Consumable materials and trading stock		1,745	441	1,722	-
Livestock		1,410	1,162	-	-
Provision for obsolescence		(43)	-	(43)	-
		<u>3,112</u>	<u>1,603</u>	<u>1,679</u>	<u>-</u>
10 Other Assets					
Current					
Pre-payments		5,538	3,240	3,248	3,106
Accrued income		445	13	105	8
Transgenic syndicated research and development fund	12	-	42,007	-	-
Other		105	2,809	-	-
		<u>6,088</u>	<u>48,069</u>	<u>3,353</u>	<u>3,114</u>
Non-Current					
Intangibles		-	102	-	-
Other		-	-	-	-
		<u>-</u>	<u>102</u>	<u>-</u>	<u>-</u>

Transgenic Research and Development Syndicate was a syndicated research and development project under which the Trust received funds from a syndicate of external organisations in payment for licensing of technology and for carrying out a research program. Luminis has been informed that a syndicate member exercised its put option in October 2000 with the result that the syndicate member became entitled to the Transgenic Research and Development Syndicate Fund, and the associated liability was satisfied.

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
11 Property, Plant and Equipment	3(j)				
<u>Land</u>					
Trust Land:	At independent valuation 1998	32,539	32,539	32,539	32,539
Other Land:	At independent valuation 1998	22,233	22,233	22,233	22,233
	At Council valuation 1999	-	14,344	-	-
	At Council valuation 2000	17,744	-	-	-
		39,977	36,577	22,233	22,233
Total Land		72,516	69,116	54,772	54,772
<u>Buildings</u>					
Trust buildings:	At independent valuation 1998	220,001	220,001	220,001	220,001
Other buildings:	At cost	16,533	11,495	14,537	9,620
	At independent valuation 1998	59,688	60,269	59,688	59,668
	At Council valuation 1999	581	-	-	-
	At Council valuation 2000	155	155	-	-
		76,957	71,919	74,225	69,308
Capital work in progress – at cost		28,014	14,268	28,014	14,268
Total buildings		324,972	306,188	322,240	303,577
<u>Provision for depreciation of buildings</u>					
Trust buildings:	At independent valuation 1998	(5,205)	(2,424)	(5,205)	(2,424)
Other buildings:	At cost	(794)	(586)	(128)	(8)
	At independent valuation 1998	(1,677)	(1,159)	(1,677)	(904)
	At Council valuation 1999	(236)	-	-	-
	At Council valuation 2000	(47)	-	-	-
		(2,754)	(1,745)	(1,805)	(912)
Total provision for depreciation		(7,959)	(4,169)	(7,010)	(3,336)
Total buildings net of depreciation		317,013	302,019	315,230	300,241
<u>Leasehold improvements</u>					
	At cost	524	522	200	200
	Provision for amortisation	(287)	(244)	(20)	-
		237	278	180	200
<u>Library collection</u>					
	At cost	14,307	10,107	14,307	10,107
	At Council valuation 1998	167,760	167,760	167,760	167,760
		182,067	177,867	182,067	177,867
	Provision for depreciation	(127,792)	(121,978)	(127,792)	(121,978)
		54,275	55,889	54,275	55,889
Works of art	At independent valuation 1999	2,790	2,790	2,790	2,790
<u>Plant and Equipment</u>					
	At cost	95,492	85,015	88,731	79,198
	Provision for depreciation/amortisation	(59,110)	(52,792)	(54,824)	(49,172)
		36,382	32,223	33,907	30,026
Total Property, Plant and Equipment		483,213	462,315	461,154	443,918

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
12 Creditors – Current					
Trade creditors		15,569	6,224	11,930	4,941
Transgenic syndicated research and development fund	10	-	42,007	-	-
Accruals		5,609	6,676	3,568	2,421
		<u>21,178</u>	<u>54,907</u>	<u>15,498</u>	<u>7,362</u>
13 Borrowings					
<u>Current</u>					
Bank loans and commercial paper		3,413	2,913	2,863	2,863
Lease liability		81	88	70	71
Other		1,238	441	31	56
Owing to controlled entities	20	-	-	4,047	-
		<u>4,732</u>	<u>3,442</u>	<u>7,011</u>	<u>2,990</u>
<u>Non-Current</u>					
Bank loans and commercial paper		17,175	17,175	17,175	17,175
Lease liability		7	85	-	70
Other		106	114	106	112
		<u>17,288</u>	<u>17,374</u>	<u>17,281</u>	<u>17,357</u>
Bank Loans and Commercial Paper					
The University obtained a loan facility to a maximum of \$22.9 million in 1991 for a period of 10 years. Terms of the loan are interest only payments from 1991 to 1996, and then the principal is to be reduced by \$2.9 million per annum from 1997 to 2001. The balance of the loan is payable on or before 11 December 2001. The loan is unsecured. The principal repayment for 2000 was financed through a commercial bill facility with a termination date concurrent with the above facility.					
14 Provisions					
<u>Current</u>					
Annual and Long Service Leave provision		10,953	8,295	10,184	7,803
Workers' Compensation provision		900	817	900	600
Other provisions		366	22	-	-
		<u>12,219</u>	<u>9,134</u>	<u>11,084</u>	<u>8,403</u>
<u>Non-Current</u>					
Workers' Compensation provision		1,300	1,600	1,300	1,600
Long Service Leave provision		19,734	20,886	19,712	20,794
		<u>21,034</u>	<u>22,486</u>	<u>21,012</u>	<u>22,394</u>
15 Other Liabilities					
<u>Current</u>					
Grants received in advance		13,187	11,902	13,187	11,902
Outside funded positions		902	793	902	793
Salaries, wages and deductions		777	3,372	380	3,301
Student tuition fees received in advance		2,709	2,139	2,704	2,139
Residential bonds		26	38	26	-
		<u>17,601</u>	<u>18,244</u>	<u>17,199</u>	<u>18,135</u>

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
16 Reserves					
<u>Capital reserves</u>					
Capital reserve		2,970	2,970	-	-
Capital profits reserve		865	937	-	-
Asset revaluation reserve		88,116	84,927	71,726	71,726
Initial asset recognition reserve		279,378	279,378	279,124	279,124
		<u>371,329</u>	<u>368,212</u>	<u>350,850</u>	<u>350,850</u>
<u>Specific purpose reserves</u>					
Special reserve		26,187	21,667	26,187	21,667
Bequests/donations unspent income reserve		9,547	8,717	9,547	8,717
Restricted purpose bequest capital reserve		47,583	46,902	47,583	46,902
Composite fund revaluation reserve		15,519	16,903	15,519	16,903
		<u>98,836</u>	<u>94,189</u>	<u>98,836</u>	<u>94,189</u>
<u>Movements in reserves:</u>					
<u>Capital reserve</u>					
Opening balance		2,970	3,101	-	-
Current year movement		-	(131)	-	-
Closing balance		<u>2,970</u>	<u>2,970</u>	-	-
<u>Capital profits reserve</u>					
Opening balance		937	995	-	-
Current year movement		(72)	(58)	-	-
Closing balance		<u>865</u>	<u>937</u>	-	-
<u>Asset revaluation reserve</u>					
Opening balance		84,927	79,467	71,726	70,700
Add revaluation increment on investments and works of art		3,189	5,460	-	1,026
Closing balance		<u>88,116</u>	<u>84,927</u>	<u>71,726</u>	<u>71,726</u>
<u>Initial asset recognition reserve</u>					
Opening balance		279,378	279,378	279,124	279,124
Current year movement		-	-	-	-
Closing balance		<u>279,378</u>	<u>279,378</u>	<u>279,124</u>	<u>279,124</u>
<u>Special reserve</u>					
Opening balance		21,667	23,117	21,667	23,117
Transfer (to) / from accumulated funds		4520	(1,569)	4,520	(1,365)
Transfer (to) / from reserves		-	119	-	(85)
Closing balance		<u>26,187</u>	<u>21,667</u>	<u>26,187</u>	<u>21,667</u>
<u>Bequests/donations unspent income reserves</u>					
Opening balance		8,717	8,283	8,717	8,283
Transfer (to) / from accumulated funds		830	434	830	434
Closing balance		<u>9,547</u>	<u>8,717</u>	<u>9,547</u>	<u>8,717</u>
<u>Bequests/donations capital reserve</u>					
Opening balance		46,902	46,210	46,902	46,210
Transfer (to) / from accumulated funds		681	692	681	692
Closing balance		<u>47,583</u>	<u>46,902</u>	<u>47,583</u>	<u>46,902</u>
<u>Composite fund revaluation reserve</u>					
Opening balance		16,903	14,403	16,903	14,403
Transfer (to) / from accumulated funds		(1,384)	2,510	(1,384)	2,510
Adjustment		-	(10)	-	(10)
Closing balance		<u>15,519</u>	<u>16,903</u>	<u>15,519</u>	<u>16,903</u>

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000

17 **Notes to the Statement of Cash Flows**

a) **Reconciliation of Cash**

For the purposes of the Statement of Cash Flows, cash includes cash on hand and at bank and short term investments in money market instruments. Cash as at the end of the financial year as shown in the Statement of Cash Flows is reconciled to the related items in the Statement of Financial Position as follows:

Cash		14,405	8,252	9,483	3,641
Bank overdraft		(550)	-	-	-
Short Term Investment		34,547	56,391	34,547	55,300
		<u>48,402</u>	<u>64,643</u>	<u>44,030</u>	<u>58,941</u>

(b) **Reconciliation of Net cash provided by operating activities to Operating surplus**

Operating Result		2,755	3,473	1,722	3,398
Add/(subtract) non cash items					
Amortisation		1,971	335	1,884	316
Depreciation	6	15,168	15,165	14,222	14,588
Write down/(up) investments		2,958	(1,181)	2,958	(1,181)
Bad debts written off		985	296	911	259
Superannuation expense		(2,600)	(2,600)	(2,600)	(2,600)
Superannuation revenue		2,600	2,600	2,600	2,600
Other revenue/expenses		(4,145)	52	(3,153)	(162)
(Profit)/Loss on sale of property, plant and equipment		(251)	57	(37)	126

Changes in assets/liabilities

(Increase)/decrease in inventories		(1,509)	152	(1,679)	-
(Increase)/decrease in receivables		(10,825)	(1,396)	(3,316)	(1,978)
(Increase)/decrease in loans		(2,826)	-	(157)	-
(Increase)/decrease in other current assets		44,712	1,041	(239)	1,420
Increase/(decrease) in creditors		(31,318)	(496)	8,136	(563)
Increase/(decrease) in other current liabilities		(577)	200	(966)	123
Increase/(decrease) in other non-current liabilities		-	(165)	-	-
Increase/(decrease) in provisions		1,750	2,244	1,299	2,138
Net cash provided by operating activities		<u>18,848</u>	<u>19,777</u>	<u>21,585</u>	<u>18,484</u>

(c) **Borrowings**

Refer to Note 13

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
18 Future Expenditure Commitments					
Operating Expenditure					
Contracted but not provided for and payable:					
Not later than one year		3,080	1,361	3,080	1,361
Later than one year, but not later than five years		4,600	-	4,600	-
Later than five years		-	-	-	-
		7,680	1,361	7,680	1,361
Capital Expenditure					
Contracted but not provided for and payable:					
Not later than one year		4,900	16,774	4,900	16,607
Later than one year, but not later than five years		-	4,772	-	4,200
Later than five years		-	-	-	-
		4,900	21,546	4,900	20,807
Operating Lease Commitments					
Future operating base rental not provided for in the financial statements and payable:					
Not later than one year		1,210	794	1,066	794
Later than one year, but not later than five years		3,705	1,770	3,273	1,770
Later than five years		1,571	-	1,571	-
		6,486	2,564	5,910	2,564
Finance Lease Commitments					
	3(j)	Finance lease rentals are payable as follows:			
Not later than one year		82	89	70	71
Later than one year, but not later than five years		8	78	-	70
Later than five years		-	7	-	-
		90	174	70	141
Less: future lease finance charges		(1)	(5)	-	-
		89	169	70	141
Lease liabilities provided for in the financial statements:					
Current		81	86	70	71
Non-Current		8	83	-	70
		89	169	70	141

The University leases plant and equipment under finance leases expiring from one to five years. At the end of the lease term the University has the option to purchase the equipment.

In addition, the University has contractual commitments to contribute in-kind contributions of staff time and access to resources for the conduct of research programs under Cooperative Research Centres and national competitive grants. CRC's obligations are met from the total funding provided by both the University and other sources. In respect of national competitive grants, the University enters contracts with the Commonwealth to carry out defined pieces of research. The Commonwealth provides a large proportion of the total project resources. Refer Note 28.

19 Contingent Liabilities

(a) Guarantees

The University in 1997 provided a \$4.35 million guarantee and an indemnity to the Bank of South Australia to support a loan made to Frome Street Car Park Developments Pty Ltd. The guarantee is for a ten year loan.

The University in 1997 provided a \$120,000 guarantee to the Australian Government, Department of Human Services and Health, for an interest free, 20 year loan of \$126,000 to be used for the construction of the Observatory Child Care Centre.

(b) The University of Adelaide Superannuation Scheme A 1985 (Scheme A 1985)

The University has guaranteed that members of this superannuation scheme will receive defined benefits in the event that this closed scheme has insufficient assets to meet the benefits. Actuarial advice is that there are sufficient assets available. Refer to Note 21(d).

19 Contingent Liabilities (cont'd)

(c) Insurance Claims

Luminis Pty Ltd is a named co-defendant in an action for loss and damages with respect to the Hindmarsh Island Bridge. The total claim is approximately \$20 million (1999 - \$20 million). The claim relates to alleged negligence in the employment of a consultant who assisted in making submissions to the Minister for Aboriginal Affairs. The company insurers have employed legal advisers who consider the claim to be without merit. The directors of Luminis Pty Ltd intend that the claim be vigorously defended.

(d) Litigation

In the ordinary course of its operations, the University and its controlled entities become involved in legal disputes. At the date of adoption of these accounts, some matters remained outstanding. On legal advice, the University is of the opinion that no material losses are likely to arise. The University or its controlled entities will make a provision where a material loss is identified. No such provision is contained in the University's accounts.

20 Event Subsequent to Balance Date

Prior to the end of the financial year, the University entered into an agreement to sell the assets and E-Commerce operations of Camtech to KeyCorp Ltd, a public listed company on the Australian Stock Exchange. The sale agreement contained some standard commercial conditions precedent which were satisfied shortly thereafter. The consideration of \$5.0 million was in the form of KeyCorp equity. The equity is to be issued in four tranches over the course of 2001. The first tranche of \$2.0 million having already been received, subsequently has been sold into the market at a minor loss. The cost of this transaction was accounted for in the Statement of Financial Performance for the year ended 31 December 2000.

Other than the above, there were no other events which took place subsequent to balance date so as to have a material impact on the operating results or Statement of Financial Position of the University or the consolidated entity.

21 Superannuation Schemes

(a) The University contributes to a range of superannuation schemes, which are divided into the following categories:

(i) Those operative and open to membership:

- UniSuper Defined Benefit Plan or Investment Choice Plan – formerly Superannuation Scheme for Australian Universities (SSAU)
- UniSuper Award Plus Plan – formerly Tertiary Education Superannuation Scheme (TESS)

(ii) Those operative but closed to future membership:

- The University of Adelaide Superannuation Scheme A 1985 (Scheme A 1985)

(iii) State Government Schemes closed to future membership by University employees:

- State Pension Scheme
- State Lump Sum Scheme

(b) UniSuper Defined Benefit Plan or Investment Choice Plan – formerly Superannuation Scheme for Australian Universities

From 1984 the University became a participating institution in the Superannuation Scheme for Australian Universities (SSAU). The scheme is administered by UniSuper Management Pty Ltd and UniSuper Pty Ltd is the trustee. As at 1 July 1998, the rules governing the Fund were amended to allow employees the option to remain within the defined benefits arrangement or convert to an accumulation fund. The employer contribution rate throughout 2000 was 14% of salaries. The employee contribution rate throughout 2000 was 7% of their gross salaries. The Defined Benefits Scheme is fully funded.

An actuarial assessment, as at 31 December 1999, was completed on 18 May 2000. The assessment was carried out by Mr Grant Harslett (FIA, FIAA) of Towers Perrin. The actuary concluded that the assets of the fund were sufficient to meet all benefits payable in the event of the fund's termination, or the voluntary or compulsory termination of employment of each employee of the University.

On October 1 2000, SSAU merged with TESS to form UniSuper. The scheme is known as UniSuper Defined Benefit Plan or UniSuper Investment Choice Plan depending on employee's choice.

As at 31 December 2000, vested and accrued benefits of staff members who are in the Defined Benefits Plan were valued at the greater of the present value of expected future payment of benefits or the vested benefit, as follows:

- Estimated vested and accrued benefits at 31 December 2000 – \$163.6 million unaudited (1999 – \$150.5 million audited).
- Estimated net market value of assets for current members, at 31 December 2000 available to pay the superannuation liabilities of the University of Adelaide members was \$178.7 million unaudited (1999 – \$176.3 million audited).
- The difference between the estimated net market value of assets and accrued benefits at 31 December 2000 apportioned to the University of Adelaide was \$15.1 million unaudited (1999 – \$25.8 million audited).

21 Superannuation Schemes (cont'd)

(c) UniSuper Award Plus Plan – formerly Tertiary Education Superannuation Scheme

The University is a participating institution in Tertiary Education Superannuation Scheme (TESS); a non-contributory scheme for University employees. The fund is administered by UniSuper Management Pty Ltd and TESS Superannuation Ltd is the trustee. The employer contribution rate, throughout 2000, was 3% of salaries for members of other superannuation schemes, and 8% for staff not covered by other schemes.

On 1 October 2000, TESS merged with SSAU to form UniSuper. TESS will now be known as UniSuper Award Plus Plan.

(d) The University of Adelaide Superannuation Scheme A 1985

The University of Adelaide Superannuation Scheme A 1985 (Scheme A 1985) provides superannuation benefits for employees who have not transferred to UniSuper. The Scheme is administered by William M Mercer Pty Ltd. The trustee is The University of Adelaide Superannuation Scheme A 1985 Inc. The Scheme is governed by a separate trust deed and the general laws relating to trusts and superannuation. The Scheme provides a defined benefit (or accumulated member contributions multiplied by a factor of 2.5 if this amount is greater) and is fully funded.

No employer contribution was made in 2000. Actuarial advice is that there are sufficient assets in the Scheme to meet expected future liabilities of remaining members and that no contributions from the University are required over the foreseeable future.

As at 30 June 2000, accrued benefits were valued by the actuary, William M Mercer Pty Ltd, and together with the vested benefits are reported as follows:

- (i) Accrued benefits at 30 June 2000 \$9.5 million (1999 – \$9.5 million)
- (ii) Vested benefits at 30 June 2000 \$10 million (1999 – \$9.9 million)
- (iii) Estimated net market value of the assets of Scheme A 1985 available to pay benefits as at 30 June 2000, was \$12.8 million (1999 – \$12.4 million).
- (iv) The difference, between accrued benefits and the net market value of assets as at 30 June 2000, was \$3.3 million.

(e) State Government Superannuation Schemes

In 1991 employees of the City Campus of South Australian College of Advanced Education and Roseworthy Agricultural College were transferred to the University. Their terms of appointment to the University protected their membership of the State Pension Scheme and State Lump Sum Scheme. The schemes are administered by the Superannuation Board of South Australia. The schemes provide defined benefits and are mainly unfunded. The only employer contributions made in 2000 were 3% of salaries, and remaining benefits are met on an emerging cost basis.

The South Australian Department of Treasury and Finance estimate that, as at 31 December 2000, there is an unfunded liability of \$31.9 million (1999 – \$34.5 million). This represents a decrease in liability of \$2.6 million since 31 December 1999. This is recognised as a write back in expenditure in the 2000 Statement of Financial Performance, with a corresponding adjustment to income giving rise to negative income.

The Commonwealth Government has agreed to provide assistance under Section 20 of the Higher Education Funding Act to meet the additional costs in respect of State Government emerging cost schemes, where costs are in excess of funding provided for this purpose in the base operating grant (ie 14% of salaries). Under the Commonwealth legislation titled "State Grants (General Purposes) Amendment Act 1982", the method of payment of these costs by the Commonwealth to the State Governments was promulgated. Further, the accounting methodology employed in these accounts is in accordance with "Guidelines for the Preparation of Annual Financial Reports for the 2000 Reporting Period by Australian Higher Education Institutions" provided by DETYA. The accounting treatment employed is also consistent with the approach taken by other Australian universities. Accordingly, total assets of \$31.9 million have been recorded as a "Deferred government superannuation contribution" which offsets the current and non-current liability for the State Government Superannuation Schemes recorded as "Deferred Employee Superannuation Benefits".

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
21 Superannuation Schemes (cont'd)					
Summary					
Deferred Government Superannuation Contribution					
Non-Current asset		31,900	34,500	31,900	34,500
Deferred Employee Superannuation Benefits					
Current liability		2,100	2,800	2,100	2,800
Non-Current liability		29,800	31,700	29,800	31,700
		31,900	34,500	31,900	34,500
The total employer contributions remitted by the University were:					
Superannuation Scheme for Australian Universities (SSAU)		12,675	12,605	12,675	12,605
Tertiary Education Superannuation Scheme (TESS)		5,367	5,202	5,367	5,202
State Superannuation Schemes (3%)		62	68	62	68
		18,104	17,875	18,104	17,875

22 Segment Information

The University predominantly operates in the field of higher education in Australia. Its primary activities are teaching and research. Income generated overseas from teaching and research activities are not significant so as to warrant segmentation reporting.

23 Auditors' Remuneration

Amounts paid or payable were:

South Australian Auditor General	161	135	161	135
Other	133	152	42	42
	294	287	203	177

24 Remuneration for University Senior Management

		2,390	2,100
		Number	Number
\$100,000 - \$109,999		1	-
\$110,000 - \$119,999		-	-
\$120,000 - \$129,999		-	1
\$130,000 - \$139,999		1	-
\$140,000 - \$149,999		1	3
\$150,000 - \$159,999		2	1
\$160,000 - \$169,999		1	2
\$170,000 - \$179,999		1	1
\$180,000 - \$189,999		1	1
\$190,000 - \$199,999		-	-
\$200,000 - \$209,999		2	1
\$210,000 - \$219,999		1	-
\$250,000 - \$259,999		-	1
\$540,000 - \$549,999		1	-
		12	11

Remuneration is based upon the total remuneration package which includes employer and employee (pre tax) superannuation contributions, due and receivable, by senior managers from the University. Certain senior managers were employed for part of the year.

During 2000, the Vice-Chancellor received remuneration in accordance with her employment contract.

The Vice-Chancellor and other senior managers derive board fees for services rendered to organisations outside of the University which they pay or direct as income to the University.

25 Additional Financial Instruments Disclosure

(a) Interest Rate Risk

The Economic Entity has placed its investments in a portfolio managed by independent investment managers. The fund managers enter into interest rate swaps, future contracts, interest rate options and other forms of agreements to manage cash flow risks associated with the interest rates on investments that are floating, or to alter interest rate exposures arising from mismatches in repricing dates between assets and liabilities.

	Note	Floating Interest Rate \$000	1 Year or less \$000	Over 1 to 5 years \$000	More than 5 years \$000	Non- Interest bearing \$000	Total \$000
2000							
Financial Assets							
Cash		14,405	-	-	-	-	14,405
Receivables	7	-	-	-	-	12,324	12,324
Investments	8	20,402	46,692	-	3,778	46,526	117,398
		<u>34,807</u>	<u>46,692</u>	<u>-</u>	<u>3,778</u>	<u>58,850</u>	<u>144,127</u>
Weighted average interest rate		5.43%	6.07%	-	5.85%	-	
Financial Liabilities							
Trade Creditors	12	-	-	-	-	21,178	21,178
Borrowings	13	-	2,863	17,175	-	1,982	22,020
		<u>-</u>	<u>2,863</u>	<u>17,175</u>	<u>-</u>	<u>23,160</u>	<u>43,198</u>
Weighted average interest rate		-	10.20%	10.42%	-	-	
1999							
Financial Assets							
Cash		8,252	-	-	-	-	8,252
Receivables	7	-	-	-	-	10,236	10,236
Investments	8	26,410	59,799	-	4,846	41,902	132,957
		<u>34,662</u>	<u>59,799</u>	<u>-</u>	<u>4,846</u>	<u>52,138</u>	<u>151,445</u>
Weighted average interest rate		4.88%	5.37%	-	5.13%	-	
Financial Liabilities							
Trade Creditors	12	-	-	-	-	12,900	12,900
Borrowings	13	-	2,863	17,175	-	778	20,816
		<u>-</u>	<u>2,863</u>	<u>17,175</u>	<u>-</u>	<u>13,678</u>	<u>33,716</u>
Weighted average interest rate		-	10.20%	10.42%	-	-	

25 Additional Financial Instruments Disclosure (cont'd)

(b) Foreign Exchange Risk

The Economic Entity has placed its investments in a portfolio managed by independent investment managers. The fund managers enter into forward foreign currency exchange contracts to hedge overseas share trading and foreign currency cash exposures. The terms of the hedge contracts are usually less than three months.

(c) Credit Risk Exposures

Credit risk represents the loss that would be recognised if counterparties failed to perform as contracted.

(i) On Statement of Financial Position Financial Instruments

The credit risk on financial assets, excluding investments of the Economic Entity which have been recognised in the Statement of Financial Position, is the carrying amount, net of any provisions for doubtful debts.

The Economic Entity's financial assets and liabilities are not materially exposed to any individual overseas country or individual customer.

(ii) Off Statement of Financial Position Financial Instruments

The reporting entity and its controlled entities do not possess or trade any Off Statement of Financial Position Financial Instruments.

(d) Net Fair Values of Financial Asset and Liabilities

Net fair values of financial assets and liabilities are determined by the Economic Entity on the following basis:

(i) On Statement of Financial Position Financial Instruments

The Economic Entity has placed its investments in a portfolio managed by independent managers. Listed shares and equities included within these investments are traded in an organised financial market by the fund managers. The Economic Entity values these investments at current market value.

Monetary financial assets and financial liabilities not readily traded in an organised financial market, are determined by valuing them at amounts due from customers (reduced for expected credit losses) or due to suppliers.

The carrying amount of bank term deposits, accounts receivable, accounts payable and bank loans approximate net fair value.

The net fair value of investments in unlisted shares in other corporations is determined by reference to underlying net assets of the respective corporations.

(ii) Off Statement of Financial Position Financial Instruments

The reporting entity and its controlled entities do not possess or trade any Off Statement of Financial Position Financial Instruments.

26 Investments in Controlled Entities

Controlled entities and contribution to Operating result before elimination of consolidation items:

Controlled Entity	Investment at Cost		Contribution to Operating Result	
	2000 \$000	1999 \$000	2000 \$000	1999 \$000
Luminis Investment Trust	2,898	2,898	(399)	(80)
Lubims Pty Ltd	-	-	79	480
Martindale Holdings Pty Ltd as trustee for				
• JS Davies Estate	-	-	972	152
• JAT Mortlock Trust	-	-	306	479
Roseresco Pty Ltd (Liquidated 24/12/99)			-	35
	<u>2,898</u>	<u>2,898</u>	<u>958</u>	<u>1,066</u>

JS Davies

The University holds an interest of 5/6th in a joint venture named JS Davies Estate, the principal activity of which is farming. This venture is managed by Martindale Holdings Pty Ltd and included in consolidated figures for the group. The remaining 1/6th is recognised as an outside equity interest.

27 Investments in Associates

(a) Equity and Contribution to Results

Associate Entity	Principal Activity	Holding %	Consolidated Carrying Amount		Investment at at Cost	
			2000 \$000	1999 \$000	2000 \$000	1999 \$000
Held by the University of Adelaide AITEC Pty Ltd	Provides advanced information technology courses	25.0	140	289	-	-
Unisure Pty Ltd	Responsible for processing of Tertiary Institution Workers' Compensation Insurance	33.3	-	-	-	-
Ngee Ann Adelaide Education Centre Pte Ltd	Operates a graduate education centre in Singapore	50.0	22	-	197	197
Anti-Cancer Foundation Pty Ltd	Fundraising and educational awareness of cancer	50.0	-	-	-	-
			162	289	197	197

Note	Consolidated		University	
	2000 \$000	1999 \$000	2000 \$000	1999 \$000
(b) Movements in Carrying Amounts of Investments in Associates				
At beginning of financial year	289	459	-	-
Share of operating profits/(losses)	(127)	(170)	-	-
	162	289	-	-
(c) Results Attributed to Associates				
Operating profits/(losses)	(127)	(170)	-	-
Retained profits attributable to associates at start of financial year	289	459	-	-
Retained profits attributable to associates at the end of the financial year	162	289	-	-

(d) Accounting for Associates

(i) Capital and Other Expenditure Commitments

There are no material capital expenditure commitments relating to associated entities.

(ii) Contingent Liabilities

There are no material contingent liabilities relating to associated entities.

(iii) After Balance Date Events

There are no material after balance date events to report for associated entities.

(iv) Assets, Revenue and Expenditure

Since the above activities do not materially effect the University group figures, assets, revenue and expenditure have been reported as net amounts.

(v) Off Statement of Financial Position Financial Instruments

The reporting entity, nor any of its associated entities, have any Off Statement of Financial Position Financial Instruments.

28 Interests in Joint Ventures

(a) Groups

The University participates in a number of joint ventures. None of these operations are material to the University and there is no separate disclosure for 2000 in accordance with the Accounting Standard AAS 19. For reporting purposes these have been segregated into two groups as follows: Refer accounting policy 3(h).

(i) Cooperative Research Centres

The University participates in a number of Cooperative Research Centres (CRCs) at 31 December 2000. These Centres have the characteristics of joint ventures for a defined period (generally seven years) and have been reported as such.

A CRC is a research initiative of the Australian Government established to pursue specific areas of research. One of the desired outcomes of a CRC is the creation of specific intellectual property with commercial value. The participants in a CRC are an amalgam of research institutions, eg CSIRO, universities and private enterprise. Direct participants in these schemes are vested with joint venture interest. The funding of the CRC is co-ordinated through a Centre Agent who is appointed generally from one of the participating entities.

Funding transfers between the CRC and the University are accounted for as general revenue and expenditure. The University provides activity on a fee for service basis which is reimbursed by the CRC. In addition, over the life of the joint venture the University provides cash and "in kind" contributions (staff and access to facilities), which are part of its contractual obligations and are reported as part of the University's activity. At this stage, with the exception of GroPep Ltd (see below), there has been no intellectual property yet developed which is considered to have commercial value in either the ongoing or completed CRCs. Consequently at balance date, no value was ascribed to the intellectual property of the CRCs.

One successful example of a CRC achieving commercial value for the intellectual property created is GroPep Ltd, a company listed on the Australian Stock Exchange and one in which the University holds a significant interest. Refer Note 29.

			Participation
Australian Petroleum CRC	(U)	(C)	13%
CRC for Welded Structures (was CRC for Materials Welding & Joining)	(I)	(C)	7%
CRC for Molecular Plant Breeding	(U)	-	17%
CRC for Clean Power from Lignite (was New Technology for Power Generation from Low Rank Coal)	(U)	(C)	10%
CRC for Premium Quality Wool	(U)	(C)	3%
CRC for Sensor Signal and Information Processing	(U)	-	16%
CRC for Tissue Growth and Repair	(U)	(C)	16%
CRC for Viticulture	(U)	(C)	18%
CRC for Water Quality and Treatment	(U)	(C)	6%
CRC for Weed Management Systems	(U)	(C)	7%
CRC for Biological Control of Pest Animals	(U)	(C)	8%

The University is also a supporting participant (but not a signatory) for the CRC for Cattle and Beef Quality.

ii) Other Unincorporated Joint Ventures

Name	Principal Activity		Participation
South Australian Regional Network Organisation (SAARDNet)	To provide high speed microwave networks to link areas of research concentration in South Australia	(U)	20%
Middleback Field Centre	To provide pastoral-zone courses and range land ecology research programmes	(U)	33%
National Course in General Arbitration & Dispute Resolution	To develop and deliver tertiary courses in general arbitration and alternative dispute resolution	(U)	50%
South Australian Centre for Economic Studies	To obtain quality research regarding regional economic development with particular application to South Australia	(U)	50%
South Australian Tertiary Admissions Centre	Established as the agent for tertiary institutions in Adelaide for the purpose of receiving and processing applications from intending students	(U)	25%

(I) Incorporated (U) Unincorporated (C) CSIRO is a partner

28 Interests in Joint Ventures (cont'd)

The Economic Entity's reported interest in the assets employed in the joint ventures total \$202,000 (1999 – \$150,000). These are included in the consolidated Statement of Financial Position, in accordance with the accounting policy described in Note 3.

(b) Accounting for Joint Ventures

(i) Capital and other expenditure commitments

There are no material capital expenditure commitments relating to joint ventures.

(ii) Contingent Liabilities

There are no material contingent liabilities relating to joint ventures.

(iii) After Balance Date Events

There are no material after balance date events to report for joint ventures.

(iv) Assets, Revenue and Expenditure

Since the above activities do not materially effect the University group figures, assets, revenue and expenditure have been reported as net amounts.

(v) Off Statement of Financial Position Financial Instruments

Neither the reporting entity, nor any of its joint ventures, have any Off Statement of Financial Position Financial Instruments.

(c) Joint Venture Accounts not received

Joint venture accounts are reported in accordance with Note 3, with the exception of The South Australian Centre for Economic Studies. Financial Statements for this joint venture were not received for inclusion in the 2000 Financial Statements. Their omission does not distort the overall financial position of the University, as the amounts involved are not considered material.

29 Other Investments

The University holds investments in the following business undertakings.

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
Investment at Cost					
Ngapartji Pty Ltd		171	75	75	75
IDP Education Australia Ltd		10	10	10	10
KeyCorp Ltd		5,000	-	5,000	-
Other equity investments		18	18	18	18
		5,199	103	5,103	103
Investment at Council valuation 2000					
Other		264	-	-	-
Held by Luminis Investment Trust					
Bresagen Ltd	3(h)	7,934	7,934	-	-
GroPep Ltd		638	638	-	-
		8,572	8,572	-	-
		14,035	8,675	5,103	103

Shares held by the Luminis Investment Trust had a market value of \$33.9 million as at 31 December 2000. This valuation was calculated using the final quoted sale price on the Australian Stock Exchange. These shares are subject to escrow and other conditions, which prevent an accurate determination of their value to the Economic Entity. Accordingly, the valuation has remained unchanged from 1999.

30 Related Party Transactions

(a) **Councillor Related Transactions**

Certain Councillors are members of incorporated and unincorporated associations that are an integral part of the University. Transactions between these bodies, the University and Council members, in respect of services provided to Council members are trivial and domestic in nature.

Professor M O'Kane is a board member of the CSIRO. Fees derived by Professor O'Kane from the CSIRO are paid to the University.

Mr Brian Croser, AO, is a director of Petaluma Ltd. One of the subsidiary's of this group transacts business on normal commercial trading terms with JAT Mortlock Trust through Martindale Holdings Pty Ltd as trustee.

Mr NR Adler, AO, is a director of Telstra Corporation Ltd. The University purchases services from Telstra on normal commercial terms and conditions. The University receives research grants from Telstra. In addition Telstra owns 50% of KeyCorp Ltd, the company which acquired the e-commerce operations of Camtech. (Refer Note 20). Mr Adler advised that he did not participate in Telstra's decision making process in respect of the Camtech transaction. Mr Adler is also a director of The Australian Trade Commission (Austrade), which provides on normal commercial terms to the University various marketing services, primarily in the area of international students.

Dr H Reid, OAM, is a board member of St Mark's College Incorporated. The University has advanced a loan to St Mark's College at an interest rate calculated as the CPI for the previous year plus 1%.

(b) **CSIRO**

The University leases land at peppercorn rents to the CSIRO. On this land the CSIRO has erected or leased buildings. These buildings become property of the University at the termination of the lease.

The University and the CSIRO are partners in a number of Cooperative Research Centres – refer to Note 28.

(c) **Fees Paid To Members of Council**

No remuneration was paid to any members of Council, or its standing committees for the financial year. Some members of Council are employees of the University and as such receive remuneration in the course of their employment with the University.

(d) **Students at Adelaide University**

From time to time, Council members will have members of their immediate family who are students at the University. Unless specifically stated within the accounts, such students are subject to the normal fee structure as any other students. This also applies to members of Council who are enrolled as students.

The following information being Note 31 to Note 37 has been prepared in accordance with the DETYA reporting guidelines.

31 Operating Statement for the Year Ended 31 December 2000

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
OPERATING REVENUE					
Commonwealth Government grants	32	153,976	146,098	153,976	146,098
Higher Education Contribution Scheme (HECS)	33	36,990	36,803	36,990	36,803
State Government grants	35	6,849	6,671	6,639	6,466
Other research grants and contracts		9,230	7,195	8,922	7,195
Scholarships and prizes	5	1,237	679	1,237	654
Donations and bequests	5	2,055	1,603	2,755	2,731
Investment income	5	6,596	9,678	6,243	10,448
Fees and charges	36	42,403	36,682	40,227	38,203
Other revenue		49,869	58,558	19,512	22,702
Deferred government contributions for superannuation	21(e)	(2,600)	2600	(2,600)	2600
Total operating revenue from ordinary activities		306,605	308,567	273,901	273,900
OPERATING EXPENSES					
	37				
Academic activities		161,676	158,739	161,676	158,739
Library		14,234	14,221	14,234	14,221
Other academic support services		21,348	19,330	21,348	19,330
Student services		21,702	18,990	21,702	18,990
Public services		2,105	1,429	2,105	1,429
Buildings and grounds		18,736	19,724	18,632	19,287
Administration and other general institutional services		66,649	70,061	35,082	35,906
Deferred employee benefits for superannuation	23(e)	(2,600)	2,600	(2,600)	2,600
Total operating expenses from ordinary activities		303,850	305,094	272,179	270,502
Operating result and extraordinary items		2,755	3,473	1,722	3,398
Add accumulated funds at beginning of year		73,741	72,348	63,745	62,618
Transfers:					
to reserves	16	(4,647)	(2,067)	(4,647)	(2,271)
Outside equity interest		(1,664)	(13)	-	-
Accumulated funds at end of year		70,185	73,741	60,820	63,745

	University	
	2000 \$000	1999 \$000
32 Commonwealth Government Grants Received		
(a) Grants received pursuant to the Higher Education Funding Act 1988, excluding HECS:		
Operating purposes (excluding HECS)	100,911	100,208
Special research assistance:		
Large research grants	5,975	6,325
Small research grants	1,714	1,687
Strategic Partnerships with Industry	1,795	1,970
Special research centres	2,753	1,463
Key Centres	175	210
Special research initiatives	-	-
Australian postgraduate awards	3,677	3,688
International postgraduate research scholarships	949	978
Research fellowships	1,927	2,362
International research fellowships	-	-
International researcher exchange	218	10
Research infrastructure block grants	5,453	5,446
Research infrastructure equipment and facilities	1,938	665
ANZCCART	-	21
Advanced engineering centres	-	562
Teaching hospitals	506	497
Sub-total pursuant to the Higher Education Funding Act 1988	127,991	126,092
(b) Other Commonwealth Government grants received:		
Attorney General's Department	13	-
Austrade	-	25
Australia Council	8	45
Australian Geological Survey Organisation	-	37
Australia India Council	-	17
Australian Institute of Nuclear Science and Engineering	-	3
Australian Nuclear Science and Technology Organisation	6	-
Australian Wool Research and Promotion Organisation	45	-
Bureau of Rural Sciences	-	48
Centrelink	4	-
Community Broadcasting Foundation	-	41
CSIRO	214	154
Defence, Science and Technology Organisation	170	250
Department of Agriculture, Fisheries and Forestry	9,231	6,411
Department of Communications and the Arts	45	58
Department of Education, Training and Youth Affairs	439	193
Department of Employment, Workplace Relations and Small Business	-	207
Department of Environment and Heritage	189	110
Department of Foreign Affairs and Trade	510	696
Department of Health and Aged Care	14,533	11,362
Department of Industry, Science and Resources	376	256
Department of Primary Industries and Energy	116	-
Department of Veterans Affairs	86	85
Energy Research and Development Corporation	-	6
Other	-	2
Sub-total Other Commonwealth Government grants received	25,985	20,006
Total Commonwealth Government grants excluding HECS	153,976	146,098

33 Acquittal of Commonwealth Government Grants – Teaching and Learning

Amounts received and expended pursuant to the Higher Education Funding Act 1988:

PARENT ENTITY (UNIVERSITY) ONLY

	Operating Grant, Excluding HECS		HECS		Teaching Hospitals		Advanced Engineering Centre	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (received in the previous reporting period)	8,030	7,987	2,486	2,560	40	40	-	45
Plus Grants received during reporting period	102,850	100,251	30,897	31,634	507	497	-	517
Plus Contributions actually received from students	-	-	6,201	5,095	-	-	-	-
Less Grants in advance (received in the reporting period for the next reporting period)	(9,969)	(8,030)	(2,594)	(2,486)	(41)	(40)	-	-
Accrual Adjustments	-	-	-	-	-	-	-	-
Revenue attributed to the reporting period	100,911	100,208	36,990	36,803	506	497	-	562
Plus Surplus/Deficit Prior Year	987	447	-	-	497	-	-	-
Funds available for the reporting period	101,898	100,655	36,990	36,803	1,003	497	-	562
Less Expenses for current period	(100,638)	(99,668)	(36,990)	(36,803)	(1,003)	-	-	(562)
Surplus/Deficit for reporting period	1,260	987	-	-	-	497	-	-

34 Acquittal of Commonwealth Government Grants – Research

Amounts received and expended pursuant to the Higher Education Funding Act 1988:

PARENT ENTITY (UNIVERSITY) ONLY

	Large Research		Small Research		Strategic Partnerships with Industry		Special Research Centres		Key Centres	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (received in the previous reporting period)	340	355	-	-	101	131	50	-	14	17
Plus Grants received during reporting period	5,635	6,310	1,849	1,687	1,694	1,940	2,703	1,513	161	207
Less Grants in advance (including received in the reporting period for the next reporting period)	-	(340)	(135)	-	-	(101)	-	(50)	-	(14)
Accrual Adjustments	-	-	-	-	-	-	-	-	-	-
Revenue attributed to the reporting period	5,975	6,325	1,714	1,687	1,795	1,970	2,753	1,463	175	210
Plus Surplus/Deficit Prior Year	1,895	2,069	718	612	361	250	-	-	-	-
Funds available for the current period	7,870	8,394	2,432	2,299	2,156	2,220	2,753	1,463	175	210
Less Expenses for current period	(6,328)	(6,499)	(1,522)	(1,581)	(1,372)	(1,859)	(1,241)	(1,463)	(175)	(210)
Surplus/Deficit for current period	1,542	1,895	910	718	784	361	1,512	-	-	-

34 Accittal of Commonwealth Government Grants – Research (cont'd)

Amounts received and expended pursuant to the Higher Education Funding Act 1988:

PARENT ENTITY (UNIVERSITY) ONLY

	Special Research Initiatives		Australian Postgraduate Awards		International Postgraduate Research Scholarships		Research Fellowships	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (received in the previous reporting period)	-	-	-	-	-	-	139	138
Plus Grants received during reporting period	-	-	3,677	3,688	949	978	1,788	2,363
Less Grants in advance (including received in the reporting period for the next reporting period)	-	-	-	-	-	-	-	(139)
Accrual Adjustments	-	-	-	-	-	-	-	-
Revenue attributed to the reporting period	-	-	3,677	3,688	949	978	1,927	2,362
Plus Surplus/Deficit Prior Year	2	26	156	199	-	-	205	153
Funds available for the current period	2	26	3,833	3,887	949	978	2,132	2,515
Less Expenses for current period	(2)	(24)	(3,833)	(3,731)	(949)	(978)	(1,975)	(2,310)
Surplus/Deficit for current period	-	2	-	156	-	-	157	205

34 Accittal of Commonwealth Government Grants – Research (cont'd)

Amounts received and expended pursuant to the Higher Education Funding Act 1988:
PARENT ENTITY (UNIVERSITY) ONLY

	International Research Fellowships		International Researcher Exchange		Research Infrastructure Block Grant		Research Infrastructure Equipment & Facilities	
	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000	2000 \$'000	1999 \$'000
Grants in advance (received in the previous reporting period)	-	-	-	-	-	436	-	-
Plus Grants received during reporting period	-	-	218	10	5,900	5,010	1,938	665
Less Grants in advance (including received in the reporting period for the next reporting period)	-	-	-	-	(447)	-	-	-
Accrual Adjustments	-	-	-	-	-	-	-	-
Revenue attributed to the reporting period	-	-	218	10	5,453	5,446	1,938	665
Plus Surplus/Deficit Prior Year	6	51	-	-	703	-	4	-
Funds available for the current period	6	51	218	10	6,156	5,446	1,942	665
Less Expenses for current period	(6)	(45)	(155)	(10)	(6,156)	(4,743)	(1,539)	(661)
Surplus/Deficit for current period	-	6	63	-	-	703	403	4

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
35 State Government Grants					
(a) South Australian Government, State Government Grants					
Arts SA		91	106	91	106
Central Yorke Peninsula Hospital		9	15	9	15
Corporate Services		-	14	-	14
Department for Employment, Training and Further Education		173	57	173	57
Department of Education and Children's Services		-	35	-	35
Department of Environment, Heritage and Aboriginal Affairs		423	326	423	326
Department of Human Services		517	404	517	404
Department of Industry and Trade		61	-	61	-
Department of Premier and Cabinet		-	35	-	35
Department of Primary Industries & Resources (PIRSA)		1,048	982	1,048	982
Drug and Alcohol Services Council		66	92	66	92
Information Technology Workforce Strategy Office		-	124	-	124
Institute of Medical and Veterinary Science		112	113	112	113
Lyell McEwin Hospital		-	120	-	120
Multi Function Polis Australia		-	13	-	13
North Western Adelaide Health Service		1,931	88	1,931	88
North Western Adelaide Mental Health Services		33	58	33	58
Northern Adelaide and Barossa Catchment Water Management Board		22	30	22	30
Patawalonga Catchment Water Management Board		1	19	1	19
Planning SA		38	120	38	120
Police Department, SA		149	221	149	221
Royal Adelaide Hospital		883	865	883	865
SA Dental Service		108	135	108	135
SA Housing Trust		20	30	20	30
SA Water		34	14	34	14
South Australian Research and Development Institute		134	230	134	230
South Australian State Energy Research Advisory Committee		-	19	-	19
Southern Yorke Peninsula Health Service		103	413	103	208
SYP Health Commission		210	-	-	-
The Queen Elizabeth Hospital		161	1,582	161	1,582
Torrens Catchment Water Management Board		-	16	-	16
Transport SA		20	21	20	21
Treasury and Finance		110	-	110	-
Women's and Children's Hospital		323	319	323	319
Workcover Corporation		14	12	14	12
Other		29	34	29	34
Total South Australian Government Grants		6,823	6,662	6,613	6,457
(b) Other State Government Grants		26	9	26	9
Total State Government Grants		6,849	6,671	6,639	6,466

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
36 Fees and Charges					
Fees and charges were collected from the following sources during the reporting period:					
Student fee income	5	28,100	31,224	28,100	31,224
Library charges and fines		1,034	622	1,034	622
Application management and late fees		248	35	248	35
Parking fees		845	651	845	651
Rental charges/accommodation fees		3,098	3,136	3,098	2,657
Recharge of costs to other organisations		2,994	-	2,994	-
Other		6,084	3,014	3,908	3,014
Total fees and charges		42,403	38,682	40,227	38,203
37 Expenses attributed to functions					
Academic Activities					
Academic staff salaries		65,396	64,462	65,396	64,462
Academic staff salary related expenses		15,435	17,127	15,435	17,127
Non-academic staff salaries		26,850	26,759	26,850	26,759
Non-academic staff salary related expenses		9,637	7,255	9,637	7,255
Depreciation and amortisation expense					
Plant and equipment		3,352	3,895	3,352	3,895
Buildings and leasehold improvements		-	-	-	-
Other expenses		41,006	39,241	41,006	39,241
Total academic activities		161,676	158,739	161,676	158,739
Library					
Academic staff salaries		-	-	-	-
Academic staff salary related expenses		-	-	-	-
Non-academic staff salaries		4,711	4,794	4,711	4,794
Non-academic staff salary related expenses		1,703	1,795	1,703	1,795
Depreciation and amortisation expense					
Library		5,814	5,850	5,814	5,850
Plant and equipment		54	73	54	73
Buildings and leasehold improvements		-	-	-	-
Other expenses		1,952	1,709	1,952	1,709
Total library		14,234	14,221	14,234	14,221
Other academic support services					
Academic staff salaries		906	697	906	697
Academic staff salary related expenses		242	241	242	241
Non-academic staff salaries		7,338	4,826	7,338	4,826
Non-academic staff salary related expenses		2,242	948	2,242	948
Depreciation and amortisation expense					
Plant and equipment		444	494	444	494
Buildings and leasehold improvements		-	-	-	-
Other expenses		10,176	12,124	10,176	12,124
Total other academic support services		21,348	19,330	21,348	19,330

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
37 Expenses attributed to functions cont'd					
Student services					
Academic staff salaries		668	1,165	668	1,165
Academic staff salary related expenses		124	326	124	326
Non-academic staff salaries		2,550	1,389	2,550	1,389
Non-academic staff salary related expenses		815	440	815	440
Depreciation and amortisation expense					
Plant and equipment		10	9	10	9
Buildings and leasehold improvements		-	-	-	-
Other expenses		17,535	15,661	17,535	15,661
Total student services		21,702	18,990	21,702	18,990
Public services					
Academic staff salaries		207	158	207	158
Academic staff salary related expenses		26	37	26	37
Non-academic staff salaries		840	635	840	635
Non-academic staff salary related expenses		224	169	224	169
Depreciation and amortisation expense					
Plant and equipment		24	25	24	25
Buildings and leasehold improvements		-	-	-	-
Other expenses		784	405	784	405
Total public services		2,105	1,429	2,105	1,429
Buildings and grounds					
Academic staff salaries		-	-	-	-
Academic staff salary related expenses		-	-	-	-
Non-academic staff salaries		1,949	2,911	1,949	2,872
Non-academic staff salary related expenses		526	1,059	526	1,049
Depreciation and amortisation expense					
Plant and equipment		87	114	87	114
Buildings and leasehold improvements		3,869	3,372	3,694	3,334
Other expenses		12,305	12,268	12,376	11,918
Total buildings and grounds		18,736	19,724	18,632	19,287
Administration and other general institutional services					
Academic staff salaries		610	524	610	524
Academic staff salary related expenses		298	107	298	238
Non-academic staff salaries		16,668	21,763	11,176	13,393
Non-academic staff salary related expenses		5,449	6,369	4,003	5,082
Depreciation and amortisation expense					
Plant and equipment		1,546	1,333	775	794
Buildings and leasehold improvements		-	-	-	-
Software and system development costs		1,939	315	1,852	315
Other expenses		40,139	39,650	16,368	15,560
Total administration and other general institutional services		66,649	70,061	35,082	35,906

	Note	Consolidated		University	
		2000 \$000	1999 \$000	2000 \$000	1999 \$000
37 Expenses attributed to functions cont'd					
Total					
Academic staff salaries		67,787	67,006	67,787	67,006
Academic staff salary related expenses		16,125	17,838	16,125	17,969
Non-academic staff salaries		60,906	63,077	55,414	54,668
Non-academic staff salary related expenses		20,596	18,035	19,150	16,738
Depreciation and amortisation expense					
Plant and equipment		5,517	5,943	4,746	5,404
Buildings and leasehold improvements		3,869	3,372	3,694	3,334
Library		5,814	5,850	5,814	5,850
Software and system development costs		1,939	315	1,852	315
Sub-total depreciation expense		176,139	15,480	16,106	14,903
Other expenses		123,897	121,058	100,197	96,618
Total		306,450	302,494	274,779	267,902
Deferred Employee Benefit for Superannuation		(2,600)	2,600	(2,600)	2,600
Total expenses		303,850	305,094	272,179	270,502



INDEPENDENT AUDIT REPORT

TO THE CHANCELLOR

SCOPE

As required by section 31 of the *Public Finance and Audit Act 1987* and section 25(2) of the *University of Adelaide Act 1971*, I have audited the financial report of the University of Adelaide for the financial year ended 31 December 2000. The financial report comprises:

- A Statement of Financial Performance;
- A Statement of Financial Position;
- A Statement of Cash Flows;
- Notes to and forming part of the Financial Statements;
- Certificate by the Chancellor and the Vice-Chancellor.

The financial report includes the consolidated financial statements of the consolidated entity, comprising the University of Adelaide and the entities it controlled at year's end or from time to time during the financial year.

The members of the Council of the University of Adelaide are responsible for the financial report. I have conducted an independent audit of this financial report in order to express an opinion on it to the Chancellor.

The audit has been conducted in accordance with the requirements of the *Public Finance and Audit Act 1987* and Australian Auditing Standards to provide reasonable assurance that the financial report is free of material misstatement.

Audit 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 Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1987*, the *Higher Education Funding Act 1988*, Australian Accounting Standards and other mandatory professional reporting requirements including Urgent Issues Group Consensus Views, so as to present a view which is consistent with my understanding of the University of Adelaide's and of the consolidated entity's financial position, and performance as represented by 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 presents fairly in accordance with the Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1988*, the *Higher Education Funding Act 1988*, applicable Australian Accounting Standards and other mandatory professional reporting requirements, the financial position of the University of Adelaide and of the economic entity as at 31 December 2000, the results of their operations and their cash flows for the year then ended.

14 May 2001

K I MacPHERSON
AUDITOR-GENERAL

