



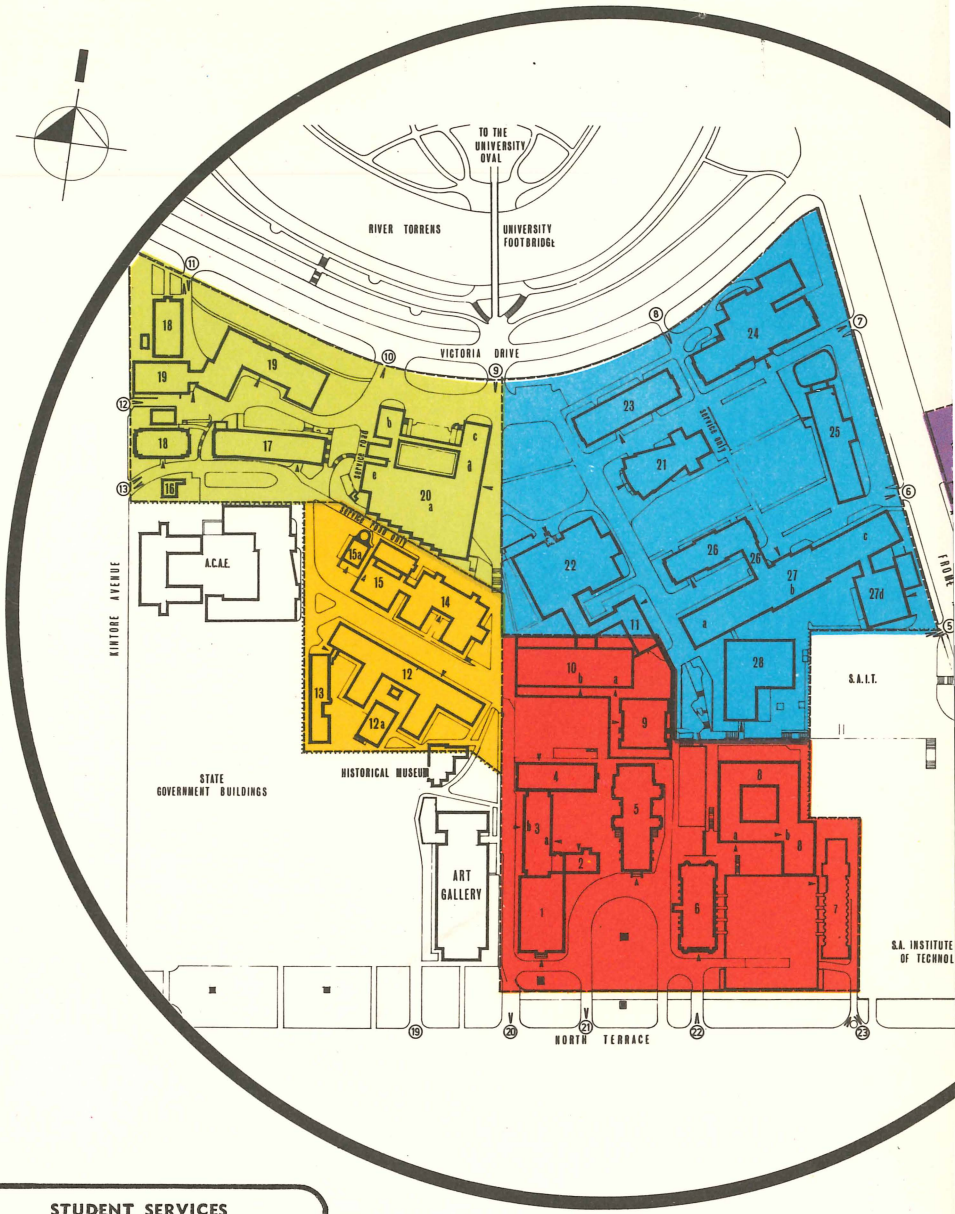
THE UNIVERSITY OF ADELAIDE
SOUTH AUSTRALIA

1978

CALENDAR

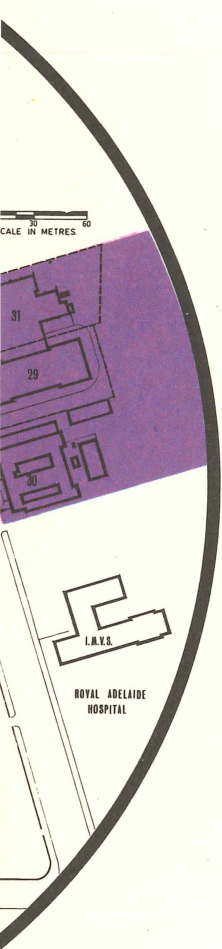
VOLUME III

Annual Report 1977; Financial Statements 1977;
Bibliography 1977.



| STUDENT SERVICES | |
|--|-----|
| Academic Registrar, Academic Section, Faculty Secretaries, Mitchell Bldg., First Floor - | 1 |
| Careers Advisory Service, Old Classics Wing, Top Floor - | 2 |
| Counselling Service, University Union, George Murray Bldg., First Floor - - - - | 20C |
| Health Service, Horace Lamb Bldg., Ground Floor - - - | 11 |
| Welfare Service, University Union, Ground Level, opposite Little Theatre - - - - | 20E |

THE UNIVERSITY OF ADELAIDE



Mitchell Building - - - - 1
Administration.
Office of
Academic Registrar.
Bursar.

Old Classics Wing - - - - 2
Administration.
Architectural Services
Department.
Parking Office.

Kenneth Wills Building - - 3
a. Administration.
Office of
Vice-Chancellor.
Registrar.
Academic Registrar.
b. Adult Education.
b. Post Office.

Hughes Building - - - - 4
Advisory Centre for
University Education.
Anthropology.
Bank of Adelaide.
Multilith Centre.
Music.
Psychology.
W.E.A.

Elder Conservatorium - - - 5

Bonython Hall - - - - 6

Ligertwood Building - - - 7
Classics.
Law.
Philosophy.

Napier Building - - - - 8
a. Commerce.
a. Economics.
b. Education.
b. English.
b. French.
b. Geography.
b. German.
b. History.
b. Politics.

University Club - - - - 9

Library Complex - - - - 10
a. Architecture.
a. Computing Centre.
a. Computing Science.
a. Health Service.
a. Radio VL5UV.
b. Research Library.

Services Supt.'s Residence - 16

Organic Chemistry - - - 17

C.S.I.R.O. - - - - - 18

Johnson Laboratories - - 19
Physical and Inorganic
Chemistry.

University Union - - - - 20
a. Refectory and
Amenities.
b. Lady Symon Building.
c. George Murray Building.
d. Union Bookshop.
e. Little Theatre.

Horace Lamb Building - - 11
Architecture.
Mathematics.
Library.
Asian Studies.

Union Hall - - - - - 21

Barr Smith Library - - - 22

Benham Laboratories - - 23
Botany.

Mawson Laboratories - - 24
Economic Geology.
Geology.

R. A. Fisher Laboratories - 25
Biology.
Genetics.
Zoology.

Mathematics Building - - 26
Mathematics.
Statistics.

Engineering Building - - - 27
a. Civil
b. Electrical
c. Chemical
d. Engineering Depts.

Mech. Engineering Building - 28

Physics Building - - - - 12
Physics.
a. Workshops.

Elephant Wing - - - - 13
Physics.
Mathematical Physics.
Mawson Institute.
Environmental Studies.

Darling Building - - - - 14
Biochemistry.

Bragg Laboratories - - - 15
Physics.

Observatory - - - - 15a

Medical School - - - - 29
Anatomy.
Microbiology.
Pathology.
Physiology.

Medical Sciences - - - 31
Anatomy.
Pathology.
Physiology & Pharmacology
Electron-Microscopy.

Dental School - - - - 30
Dental Health.
Oral Biology.
Oral Pathology and
Oral Surgery.
Restorative Dentistry.

THE FOLLOWING ARE AT NORTH ADELAIDE

Mark Mitchell Centre
Physical Education Administration.
Gymnasium.
Squash Courts.

Mackinnon Parade

Child Care Centre

Mackinnon Parade

Aquinas College

Palmer Place

Lincoln College

Brougham Place

Kathleen Lumley College

Finnis Street

St. Ann's College

Brougham Place

St. Mark's College

Pennington Terrace

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR
1978
VOLUME III

ADELAIDE:
GRIFFIN PRESS LIMITED, MARION ROAD, NETLEY
1978

ADDRESS FOR CORRESPONDENCE

Correspondence should be addressed as follows:

About courses (and related matters such as admission, examinations, scholarships and prizes), and educational matters generally: *to*

The Academic Registrar.

About financial matters: *to*

The Bursar.

About other matters, including staff appointments of all kinds and matters relating to the buildings and grounds: *to*

The Registrar.

Address:

The University's postal address is:

The University of Adelaide,
Box 498 G.P.O.,
ADELAIDE,
South Australia 5001.

The University's telephone number is 223 4333 (Area code: 08) and its telegraphic address is UNIVAD.

The University of Adelaide

F O R E W O R D

The Calendar of the University is published annually in three Volumes, as follows:

VOLUME I

General information, including—

- The University Act
- Staff
- Statutes
- Standing Orders of the Senate
- The Elder Conservatorium of Music
- Institutions, Foundations and Colleges of the University
- Public Lectures and Courses
- Service Departments and Divisions of the University
- Scholarships and Prizes
- Societies Associated with the University

VOLUME II

“Details of Courses”, being—

- Regulations, Schedules and Syllabuses of degree and diploma Courses
- Rules
- Timetables

VOLUME III

Annual Report, including—

- Financial Statements
- Bibliography

The Commemoration Addresses and the List of Graduates and Diploma Holders of the University have not been published in Volume III of the Calendar for 1978. An up-to-date list of graduates and diploma holders is maintained by the Academic Registrar and may, on application, be consulted in his Office.

These Volumes are normally published as follows:

- VOLUME I: In May: price \$2.
- VOLUME II: In December of previous year: price 50c.
(Volume II for 1979: \$1.)
- VOLUME III: In August: price \$1.
Postage extra.



THE ARMS OF THE UNIVERSITY

The heraldic description of the Coat of Arms is as follows:

Per pale Or and Argent an Open Book proper edged Gold on a Chief Azure five Mullets, one of eight, two of seven, one of six and one of five points of the second, representing the Constellation of the Southern Cross;

and the Motto associated with the Arms is—

Sub cruce lumen

“The light (of learning) under the (Southern) Cross”

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ANNUAL REPORT FOR THE YEAR 1977

I. INTRODUCTION

Professor G. M. Badger retired as Vice-Chancellor of the University of Adelaide at the beginning of March 1977 after ten successful years in office, and became a Research Professor in the Department of Organic Chemistry. In his place, Professor D. R. Stranks assumed office as Vice-Chancellor. Professor Stranks is no stranger to the University, having been Professor of Physical and Inorganic Chemistry from 1964 to 1973, when he became Professor of Inorganic Chemistry at the University of Melbourne.

During the year considerable effort had to be devoted to coping with inadequate financial allocations; in some areas this necessitated the curtailment of academic and other activities, including the phasing out of the postgraduate diploma in Library Studies. Despite many difficulties, the University has allocated its resources to ensure that teaching programs and the facilities for conducting research are maintained at the highest possible levels within the means available. However, the financial situation is reaching a critical stage where any further reduction in funding may be reflected in the standard or scope of teaching and the amount of research.

The University made its submissions to the two major enquiries into higher education conducted by the "Williams Committee" on behalf of the Commonwealth Government, and the "Anderson Committee" on behalf of the South Australian Government. One of the main points dealt with in its submissions was the somewhat contentious issue of the extent to which a State-appointed authority should have responsibility for co-ordinating all tertiary education in the State.

The University has expressed very strongly the view that no State co-ordinating body should have any authority over the universities, which should continue to have direct access to the Commonwealth Universities Council in respect both to submissions and to the allocation of funds. The increasing financial pressure on the universities coupled with the growing pressure for setting up State tertiary education co-ordinating bodies throughout Australia has caused the council of the University grave concern as it believes that a combination of these pressures could seriously affect the autonomy of the University and hence the academic freedom of its scholars. Any restriction of this nature will eventually hamper man's expansion of knowledge, which is the ultimate purpose of academic scholarship. Nevertheless, the University believes that a State co-ordinating body could play an effective role in facilitating the resolution of differences of opinion between the universities and other tertiary education institutions in the State.

2. THE COUNCIL AND THE SENATE

In October, in accordance with the provisions of The University of Adelaide Act 1971-72, Mr. G. J. Adam and Ms. R. McInnes retired as members of the Council elected by the undergraduates. Mr. G. J. Maddern and Mr. K. J. Hinton were elected to fill the two vacancies.

In November, Professor D. O. Jordan and Dr. G. M. E. Mayo retired as members of the academic staff elected to the Council by Convocation. Professor Jordan was re-elected and Mr. R. Culver was elected in place of Dr. Mayo. Mr. W. J. Bentley, Mr. W. R. Crocker and Mr. Justice S. J. Jacobs retired as members of the Council not engaged in the employment of the University. Mr. Bentley and Mr. Justice Jacobs were re-elected and Mr. Crocker, who did not stand for re-election, was replaced by Mr. M. C. Stock. Mr. M. H. Andrew retired as the post-graduate student member of the Council and Mr. R. L. Oliver was elected in his place.

At its meeting in November, the Senate re-elected Mr. W. M. Rogers as its Warden, and Mr. P. Balan, Mr. P. S. Davis, Mr. O. G. Jones and Dr. E. H. Medlin were elected as members of its Standing Committee. At this meeting Mr. H. E. Wesley Smith retired as Clerk of the Senate after twelve years in that Office, and the Senate recorded its appreciation of the services he had rendered during that period. Mr. T. J. Somerville was elected Clerk of the Senate in place of Mr. Wesley Smith.

At the same meeting, the Senate approved amendments to its Standing Orders that would come into effect if, and when, the University Act was amended. The most significant of these were:

- (i) to delegate to its Standing Committee the power to approve (but not to disapprove) legislation from the Council which the Standing Committee regarded as non-controversial so far as the Senate is concerned;
- (ii) to provide that the intention of the Standing Committee to approve legislation be published in order to afford the opportunity to members of the Senate of requesting that the proposed legislation be not approved but be submitted to a meeting of the Senate;
- (iii) to provide that, if a duly convened meeting of the Senate at which proposed legislation is to be considered lapses for want of a quorum or terminates for want of a quorum before all legislation properly before that meeting has been dealt with, the Standing Committee may approve that proposed legislation; and
- (iv) to increase the number of members of the Standing Committee from twelve to twenty.

3. ACADEMIC STAFF

(1) *Deaths*

The Council records with deep regret the sudden death of Professor E. A. Russell on 26 February, 1977. Professor Russell joined the staff as a senior Lecturer in 1952, was promoted to Reader in Economics in 1958 and was appointed to the Chair of Economics in 1964. He was elected a Fellow of the Academy of Social Sciences in Australia in 1973 and served on the Academy's Executive Committee in 1976 and 1977. He was a valued member of many committees of, or associated with, the University. He was Chairman of the Committee of Student Finances from its formation in 1972 and the first Chairman of the Applications Committee for the Special Entry Scheme.

The Council has also recorded with sorrow the deaths of the following:

Sir Kenneth Wills, on 13 May, 1977. He was a member of the Council from 1945 to 1968; Chairman of the Finance Committee from 1954 to 1960; Deputy Chancellor from 1961 to 1966; and Chancellor from 1966 to 1968.

Professor Emeritus Sir Mark Mitchell, on 8 July, 1977. He served the University over a period of 38 years and was Professor of Biochemistry and General Physiology from 1938 to 1962, and Deputy Vice-Chancellor from 1951 to 1965.

Sir Archibald Grenfell Price, on 20 July, 1977. He was a member of the University Council from 1925 to 1962, and a member of the Library Committee for 49 years from 1926 to 1975.

Professor Sir Hugh Robson, Mortlock Professor of Medicine from 1953 to 1965, on 11 December, 1977 in Edinburgh.

(2) *Resignations*

The resignations of the following members of staff took effect during the year:

Professor Y. K. Cheung, Professor of Civil Engineering, to take up appointment as Professor and Head of the Department of Civil Engineering at the University of Hong Kong; Dr. D. D. Gilbertson, Lecturer in Geography, to take up an appointment at the University of Sheffield; Dr. W. C. Hall, Director of the A.C.U.E., to become Director of the Mount Gravatt College of Advanced Education, Brisbane; Dr. W. R. Hume, Lecturer in Restorative Dentistry, to accept a post in the U.S.A.; Dr. P. W. S. Messent, Senior Lecturer in Anatomy and Histology, to return to practice in Clinical Medicine; Professor P. Rhodes, the first full-time Dean of the Faculty of Medicine, to take up appointment as Postgraduate Dean of Medicine and Regional Director of the Postgraduate Institute with the University of Newcastle-on-Tyne and the Northern Region Health Authority; Dr. P. W. Seymour, Reader in the Mawson Institute for Antarctic Research, to enter private enterprise in South Australia; Dr. B. E. Tapper, Lecturer in Anthropology, to return to the U.S.A.; Dr. M. Williams, Reader in Geography, to take up appointment as a Lecturer in the University and a Fellow of St. Anne's College, Oxford; Professor F. K. Wright, Professor of Commerce, to take up the Fitzgerald Chair of Accounting at the University of Melbourne.

(3) *Retirements*

The following members of staff retired during or at the end of the year:

Mr. B. F. G. Apps, who was appointed Lecturer-in-Charge of Physical Education in 1947 and promoted to Senior Lecturer-in-Charge in 1950; Mr. M. C. Gray,

who was seconded to the University from the Department of Education in 1939 and 1940 as an Assistant Lecturer in Mathematics and was appointed Lecturer in Mathematics in 1943 and promoted to Senior Lecturer in 1950; Mr. R. R. Hirst, who was a temporary lecturer in Economics in 1946 and 1947 and was appointed Lecturer in 1947, promoted to Senior Lecturer in January, 1950 and appointed Reader in April, 1950; Professor C. J. Horne, who had been the Jury Professor of English since 1957; Professor A. M. Horsnell, Professor of Dental Science (Dental Health from 1971) since 1959; Mr. H. N. Hoskings, Senior Lecturer in Architecture since 1957; Professor G. H. Lawton, who was appointed Reader-in-Charge of Geography in 1951 and to the Chair of Geography in 1959; Mr. James Whitehead, who was appointed Teacher of the Violoncello with status of Lecturer in 1959 and promoted to Senior Lecturer in 1963.

(4) *New Appointments*

The appointment of the following members of staff took effect during the year:

Professors: Professor D. E. Poswillo, who was previously Professor of Teratology in the Department of Dental Science, Royal College of Surgeons, England, to the Chair of Oral Pathology and Oral Surgery; Professor D. A. L. Saunders, previously a Senior Lecturer at the University of Sydney, to the Chair of Architecture.

Senior Lecturers: Dr. J. R. Crawford, Law; Mr. L. B. Faris, Surgery; Dr. P. B. Innes, Anatomy and Histology; Dr. A. H. MacLennan, Obstetrics and Gynaecology; Dr. R. H. Ratnaik, Medicine.

Lecturers: Mr. C. D. Baker, Law; Mr. P. J. Best, Commerce; Dr. T. J. C. Boulton, Paediatrics; Dr. W. L. Gammage, History; Dr. Jane D. Lomax-Smith, Pathology; Dr. M. L. Roberts, Human Physiology and Pharmacology; Dr. M. W. Roberts, Anthropology; Mr. P. Sacks, Law.

(5) *Distinctions*

The following were recipients of the Queen's Silver Jubilee Medal:

The Chancellor (The Honourable J. J. Bray); The Deputy Chancellor (The Honourable Justice Roma Flinders Mitchell); The Honourable Mr. Justice S. J. Jacobs; Professor G. M. Badger; Professor L. W. Cox; Professor W. V. Macfarlane; Mr. A. E. Shields; Emeritus Professor T. G. H. Strehlow; Mr. P. C. Abbott-Young.

Mr. Abbott-Young was also awarded the Medal of the Order of Australia.

The title of Emeritus Professor was conferred on Professors C. J. Horne, A. M. Horsnell and G. H. Lawton on their retirements.

Professor H. B. S. Womersley and Dr. G. E. Rogers were elected as Fellows of the Academy of Science. Mr. A. French was elected a Fellow of the Australian Academy of Humanities. Professor K. Majoribanks was elected a Fellow of the Royal Statistical Society, London. Mr. M. R. Sims was awarded a Fellowship of the International College of Dentists. Mr. Sims was also the recipient of the Milo Hellman Research Award for 1977, from the American Association of Orthodontists. Professor G. M. Badger was appointed Chairman of the Australian Science and Technology Council. Dr. A. D. McCredie was Chairman of one session of the International Musicological Society Congress in August/September, 1977 (the first time an Australian had been invited to chair such a session). Professor J. H. Carver was elected Chairman of the Radio Research Board. Professor D. O. Jordan was elected Vice-President of the Royal Australian Chemical Institute for 1978 and President for 1979. Professor L. W. Cox was appointed a member of the Universities Council. Professor T. O. Browning was appointed a member of the Australian Research Grants Committee. Dr. P. R. Begg, a member of staff from 1926 to 1963, received the Albert H. Ketcher Memorial Award of the American Association of Orthodontists, and is only the fourth overseas recipient of the award in its thirty-one year history.

(6) *Conditions of Service*

There were no alterations to the salary scales of members of the academic staff during the year, otherwise than as a result of the application of the National Wage quarterly increases.

Although new conditions of service for full-time tutors, as approved at the end of 1976, were introduced at the beginning of the year, discussions continued in regard to the appointment of so-called "over-qualified" persons as tutors and the duration of tutors' appointments. Discussions also continued on the conditions of service of senior tutors, and on the possible introduction of a new grade of principal tutor.

A development which caused some concern to the staff of the University was the intimation that it was unlikely that University staff would in the foreseeable future be able to obtain the benefits of the Commonwealth Public Service Superannuation Fund. Following representations by the Staff Association the University's Finance Committee embarked on an urgent enquiry into ways and means of improving the superannuation benefits of members of staff, which have in the last few years been considerably eroded as a result of inflation. Pending the introduction of an entirely new Superannuation Scheme, the Council agreed to provide funds to pay supplementary benefits to all members of staff retiring in the next five years, to bring their benefits more into line with standard superannuation expectations.

(7) *Staff Establishment*

The increasing financial pressure on the University had its greatest effect in the staffing area, which accounts for 85% of the University budget. Reductions in expenditure were achieved through disestablishing posts or delaying the replacement of academic and non-academic posts falling vacant during the year. For a time, a "freeze" was applied to the filling of all vacant posts throughout the University. These measures achieved a considerable overall saving, but also resulted in a reduction in the morale of some sections of the University. This arises from the fact that the incidence of vacancies cannot but fall unevenly on different parts of the University, while the loss of a single post in a small department has far greater effect than a loss of a post in a larger department. A university cannot move its academic staff (or even some of its non-academic staff) between disciplines in the same way that a business enterprise can move its staff between departments. The University is greatly concerned at the damage that a continuation of these economy measures is likely to cause to the efficiency of the University's teaching and research.

Six academic posts and one professional post were formally disestablished in the course of the year, and at the end of the year the possibility of disestablishing several other posts was under consideration. Many non-academic posts were also disestablished and others were kept vacant for varying periods. Increasing use had to be made of part-time (and therefore less expensive) teaching to fill the gaps left by "frozen" posts.

Much time was devoted to a review of the existing disestablishment procedures which had been approved at a time when the disestablishment of an academic post was a very rare occurrence. Agreement was reached on revised procedures which would ensure that all aspects of the staffing of a department would be adequately considered before a decision was taken to disestablish a post, and explicit criteria were determined for taking such decisions.

(8) *Study Leave*

1977 saw the introduction of a revised study leave scheme, the benefits of which are available to full-time and half-time academic staff of and above the status of senior tutor. Study leave is now awarded on full salary with a grant for travel and living expenses based on the period of leave, current air fares, the size of the staff member's dependent family, and the relative living costs of the countries visited. Of 119 staff who were granted study leave in 1977, only 105 actually took leave.

At the end of 1976, the University was informed by the Universities Commission that the Minister of Education had asked for a report on the system of study leave at universities. As requested by the Commission, the University provided statistical information regarding study leave taken by members of the academic staff during 1975, together with details of the way in which this University administered its study leave scheme. At the end of 1977, the University was still awaiting, with some apprehension, information about the proposals the Commission intended to make to the Minister. It was gravely concerned at suggestions that restrictions might be placed on the grant of study leave which, it believes, plays a vital role in enabling its academic staff to keep abreast with current developments in their particular fields and thereby to improve both their teaching and their research.

4. NON-ACADEMIC STAFF

The conditions of service of the non-academic staff are largely governed by the provisions of two industrial agreements registered in the S.A. Industrial

Commission, one with the Staff Association in respect of professional staff, and one with the Ancillary Staff Association in respect of ancillary staff.

In 1973, the South Australian Industrial Court ruled that because of the provisions of The University of Adelaide Act, it had no jurisdiction to deal with industrial disputes between the University and its staff, except in regard to matters covered by the two industrial agreements. During 1977, because of the increasing interest shown by local Trade Unions in recruiting University staff, the Council decided that it would be desirable to have the University Act amended so as to remove this anomaly, and to bring the University completely under the jurisdiction of the South Australian Industrial Commission, so far as matters concerning the non-academic staff are concerned.

At the Federal level also, there were a number of developments. Several Unions filed logs of claims in the Australian Conciliation and Arbitration Commission against various Universities in respect of different groups of non-academic staff, and the Commission found disputes to exist in most of these cases. In order to concentrate the issues and have all such cases decided together, and not in isolation from each other, seventeen of the nineteen Universities decided to file a counter log of claims on all the Unions concerned. The two Universities which have not joined in the counter log of claims are the Australian National University and Sydney. The Universities' case in the Federal Commission is being conducted on their behalf by the Non-Teaching Staff Advisory Committee of the Australian Vice-Chancellors' Committee, of which the Vice-Chancellor of this University is a member.

The Council provided a modest financial provision (\$2,000 p.a.) to support the Australian and Overseas Study Awards Scheme, which had been approved in principle in 1976, to enable a limited number of eligible members of the ancillary staff to obtain leave to follow a program of study at or visits to other institutions for the purpose of improving their capacity to meet the present and foreseeable needs of the University. Two awards were granted. The Council also gave approval to the introduction of a similar scheme, with the same financial provision, for study tours for professional staff, to commence in 1978.

5. ACADEMIC MATTERS

(1) *Degrees and Diplomas*

(a) *General*

During the year, the University continued to carry out its responsibilities for teaching in the tertiary education area and for conducting advanced research. It provided teaching in 13 bachelor degree courses, 7 postgraduate diploma courses, and 8 masters degree courses involving prescribed courses of study together with thesis work. The number of subjects taught in all these courses was approximately 650. In addition, the University offered 9 masters degrees by research; and it continued to provide, in all faculties, facilities for suitably qualified students to undertake research for the degree of Doctor of Philosophy. It also offered 9 higher doctorates. As in previous years, the Elder Conservatorium of Music provided teaching in a wide range of musical studies.

(b) *Planning*

During 1977 the University conducted an exhaustive review of its postgraduate courses in planning. Recognising the interdisciplinary nature of the course in Urban and Regional Planning, the University had decided in 1976 that it should be administered not by the Faculty of Architecture and Planning but by a Board of Studies which should include representatives of the various disciplines contributing to the course. An Interim Board of Studies was set up to draw up new regulations for the degree of Master of Urban and Regional Planning, and to administer the course until the necessary legislation to establish the new Board has been passed, and a new post of Director of Studies in Urban and Regional Planning was created in order to organise and supervise the course.

(c) *Degrees of Bachelor of Technology, Bachelor of Applied Science and Bachelor of Pharmacy*

No new students were admitted to these courses after 1969; and the last students enrolled for them were admitted to their degrees in 1977. The regulations governing these degrees were repealed at the end of 1977, and the Faculty of Technology and Applied Science ceased to exist.

(d) Diploma in Library Studies

The Council decided that the postgraduate diploma in Library Studies which had been offered on a full-time basis for the first time in 1976, should be phased out and that no new students be admitted to the course after 1977. By the end of 1977, 43 students had completed the course; and arrangements were made to ensure that teaching commitments to the remaining students (estimated to be 9) were fulfilled.

This was one of the major decisions forced on a reluctant University by the continuing financial restrictions. The Council had already decided that the course was fully justified on academic grounds and had agreed to create a new Department of Library Studies with a Chair in the subject. However, the viability of the Department was completely re-examined during the year in the light of the new financial situation, and it became clear that the resources necessary to establish the course and the Department on a proper and fully viable basis were now unlikely to be available.

(e) Diploma in Clinical Science

This postgraduate diploma was introduced in 1976. Experience has indicated that it has not been as successful as was hoped in providing for the continuing education of medical practitioners preparing for College examinations, and it was decided not to offer the course in its present form from 1978 onwards.

(2) New Department and Chair

A new Department of Soil Science was established at the Waite Institute in the Faculty of Agricultural Science, as a result of a regrouping of the staff and activities of the Department of Agricultural Biochemistry and Soil Science and the Department of Agronomy. The Council also agreed to the creation of a Chair in the new Department, but because of the financial situation, there was some uncertainty about the date when it would be filled.

(3) Department of Physical Education

After an exhaustive enquiry, the Council decided that on the retirement of Mr. B. F. G. Apps, Senior Lecturer in Physical Education, at the end of 1977, the Department of Physical Education should cease to exist, and instead a Centre for Physical Health should be established for the purpose of encouraging the attainment of physical fitness by students and staff of the University, and making available the facilities of the Centre for relevant academic research. The Centre, to be named after Sir Mark Mitchell, a former Deputy Vice-Chancellor of the University, who died in July, will be staffed by two professional officers and will be attached for administrative purposes to the University Health Service.

(4) Computing Centre

In August, the University's CDC 6400 Computer, which had been in operation since 1966, was replaced with a new Cyber 173 computer, from Control Data, costing \$1.4 million. The new computer is marginally more powerful than the old one, but is physically much smaller.

(5) Single Admissions Office

An important development in 1977 was the establishment, after a number of years of co-operative planning by the ten tertiary institutions in South Australia, of a single admissions office named the South Australian Tertiary Admissions Centre (SATAC).

The general purpose of SATAC is to receive and process all applications for admission to tertiary-level courses (other than higher degrees) in the institutions. It should be noted, however, that the actual selection of applicants for any course is solely in the hands of the institution providing the course.

Some of the advantages of SATAC are (i) a single reference point for students seeking admission to a tertiary course; (ii) a single application form; (iii) a handbook giving brief information about each institution and about each of the courses they offer; (iv) common processing, resulting in speedier selection for most students; (v) the production of accurate statistical information on the demand for tertiary education in South Australia.

(6) Review of Departmental Government

In 1977 the Education Committee completed a comprehensive review of the system of Departmental Government which was approved by the Council and introduced in 1973. After consideration of submissions made by individuals and

departments of the University, and of a submission made by the University of Adelaide Staff Association which had conducted a survey among its members, the Committee concluded that the system was working well and that a majority of the members of the University desired that it be continued. Consideration is proceeding on a number of related matters, such as:

- (a) amendments to legislation to give statutory effect to the scheme of Departmental Government;
- (b) the terminology or nomenclature to describe entities smaller than Departments of the University;
- (c) procedures for carrying out periodic reviews or audits of the functioning of Departments;
- (d) the possibility of providing material recognition of the work of non-professorial Chairmen of Departments.

(7) *Biological Hazards*

On the suggestion of the Vice-Chancellor, the Council established a Biological Hazards Committee to exercise control over research in "genetic engineering" in the University, in view of the potential risks said to be involved in recent developments in this field, particularly in relation to work on recombinant DNA molecules. The Committee will advise the Council on the grant of personal licences to members of staff and students to conduct research into recombinant DNA within the University and on several other matters relating to such research. In future, no member of staff or student may engage in such research unless he or she has been licensed in advance for the purpose by the Council on the advice of the Committee.

(8) *Frequency of Meetings*

In 1977 the Education Committee, the Deans and the Faculties agreed that the number of scheduled meetings in each year be reduced from eleven to six. Under the new scheme meetings are now held in cycles or rounds with all faculty meetings occurring within a period of two weeks; but the arrangement does not preclude meetings on other occasions should the need arise.

6. THE ACT, STATUTES AND REGULATIONS

At the end of the year the University was still awaiting a final decision on the amendments it had sought to the University Act (referred to in the last two years' reports). In the meantime, it has asked for several more amendments to be made. These cover such matters as the incorporation of the University Union and the procedures of the University Senate, as well as amendments intended to bring the University completely under the jurisdiction of the South Australian Industrial Commission (except in regard to academic staff) and to place beyond doubt the University's authority to levy and collect fees for membership of the University Union. A bill covering all the required amendments was introduced into the S.A. Parliament towards the end of the year and it was hoped that it would soon become law.

Minor amendments were made to the following statutes and regulations:

(a) *Statutes*

- (i) Chapter IA—*Of the Vice-Chancellor and the Deputy Vice-Chancellor* (to provide for the appointment of an Acting Vice-Chancellor, where appropriate, and for the appointment of more than one Deputy Vice-Chancellor).
- (ii) Chapter III—*Of the Senate* (to increase from fourteen days to twenty-one days the maximum time granted to the Warden in which to convene a special meeting of the Senate).
- (iii) Chapter VII—*Of the Seal of the University* (consequential on the amendments to Statute Chapter IA).
- (iv) Chapter IX—*Of Matriculation* (to include in the statute subjects examined by the Public Examinations Board which formerly had appeared in footnotes; to provide for a new subject, Hungarian; to divide the subject Music into two separate subjects; and to provide for approval by the University of the syllabus of any new subject at the Matriculation Examination).
- (v) Chapter X—*Of the Faculties* and Chapter LVII—*Of the Affiliation of the South Australian Institute of Technology* (to repeal references to the Faculty of Technology and Applied Science and to make minor changes in the membership of some other Faculties).

(b) *Regulations*

- (i) Minor amendments to the regulations governing the degrees of Bachelor of Architecture; Bachelor of Dental Science; Bachelor of Engineering; Master of Architecture; Master of Engineering; Master of Applied Science; Master of Environmental Studies.
- (ii) Complete revision of the regulations of the degree of Master of Urban and Regional Planning.
- (iii) Repeal of the regulations of the degrees of Bachelor of Technology, Bachelor of Applied Science and Bachelor of Pharmacy.

7. RESEARCH

131 grants were made to members of staff of the University by the Australian Research Grants Commission. These were distributed as follows:

| | |
|---|---------|
| | \$ |
| 12 projects in the Humanities and Social Sciences | 67,173 |
| 17 projects in the Physical Sciences | 174,696 |
| 25 projects in the Chemical Sciences | 236,288 |
| 49 projects in the Biological Sciences | 386,471 |
| 14 projects in the Earth Sciences | 99,433 |
| 14 projects in the Engineering & Applied Sciences | 175,782 |

The total sum involved in ARGC grants to The University of Adelaide is \$1,139,843. This represents some 12.1% of the ARGC grants awarded to all universities, although this University's staff represents only 7% of all university staff in Australia. The University has been able to attract more ARGC support per staff member than any other established University.

The largest of these ARGC grants was one of \$52,634 to Dr. J. R. Hails, Director of Environmental Studies, and Dr. V. A. Gostin, Senior Lecturer in Geology, to continue an examination of sediments on the seabed of the upper reaches of Spencer Gulf.

The National Health and Medical Research Council awarded 20 grants, totalling \$288,000, for projects concerned with medical research, and scholarships for 4 medical and dental postgraduate research scholars.

In the areas of research specifically concerned with primary industry, grants awarded included nine grants from the Wheat Industry Research Council (\$101,826); four grants from the Reserve Bank under the auspices of the Rural Credits Development Fund (\$54,254); two grants from the South Australian Barley Improvement Advisory Committee (\$139,807); and the Australian Wool Corporation supported four projects with grants totalling \$56,707. The Wool Corporation also funded two postgraduate scholarships.

The Australia Council gave renewed support of \$60,000 for the year for administrative and operating expenses in connection with the Centre for Aboriginal Studies in Music.

The State Energy Research Advisory Committee has awarded grants totalling \$20,000 to three members of staff to assist investigations into the use of solar energy and a new method of airconditioning.

The Research & Publications Committee was able to expend \$1,033,000 in 1977 (as against \$922,000 in 1976) on various categories of general support of staff members and on the training of postgraduate students. However, the University was gravely concerned that it could only offer 30 new postgraduate scholarship awards (as against 35 in 1976) and support a total of 130 postgraduate students (as against 135 in 1976) for some or all of the year. This situation was further exacerbated by a reduction in the number of scholarships offered under the Commonwealth Postgraduate Awards Scheme. These awards are made to the best students and reductions in the postgraduate training of such students will have a very serious effect if allowed to continue.

During the year the Committee supported a number of specific research initiatives, and expenditure on special grants totalled \$24,000 (as against \$28,300 in 1976). The Committee gave limited support to thirteen University staff members proceeding on short overseas conference leave and also assisted with funding of visits to the University by three distinguished scholars from overseas.

The nature and extent of the research work carried on in the University is well illustrated by the Bibliography of Publications for 1977 by members of the University staff and research workers, a copy of which is annexed to this Report.

8. THE BARR SMITH LIBRARY

The Barr Smith Library is one of the areas most severely affected by inflation and the increasing financial pressures on the University. The University has been unable to allocate sufficient funds to the Library to enable it to maintain an adequate acquisition program and the Library has been forced not only to reduce acquisitions below the desired level, but also to discontinue subscriptions to some journals. The long-term effects of reductions in acquisitions to the Library are obvious, and the termination of subscriptions to journals further hampers staff in their efforts to keep abreast with current developments in their particular fields.

Accessions of catalogued items in 1977 were 18.9% fewer than in 1976, partly as a result of the inflationary pressures mentioned above, and partly as a short-term result of adjustments necessarily associated with completion of the Library's reorganisation. The accessions included 41,140 volumes, the equivalent of a further 7,615 volumes in microform, and 415 pieces of music in sheets. Some 20,054 serial titles were being regularly received, this number reflecting 160 new titles received by gift and exchange and 176 new titles received by subscription. This small apparent growth was made possible at the cost of ceasing to take 203 titles, and diverting substantial funds from the purchase of books to the maintenance of subscriptions. The intake of serials can no longer be held at present levels, even at the expense of book purchases, unless additional funds can be found for acquisition; a review of subscriptions (the second in three years) will be commenced in 1978 with the likely result that the Library will cease to take many vitally-needed journals including journals not taken by any other Australian university library.

During 1977 the University Library made 258,717 extramural loans to personal borrowers, an increase of 1.3% over the figures for 1976. Additional items lent for use only within the Library included 106,572 from the Undergraduate Reserve, 15,962 from the Medical Library Reserve, and 6,522 from the Special Collections Section. The Library satisfied 33,482 requests for interlibrary loans, an increase of 6% over the figures for 1976. The items lent included 28,065 to libraries within South Australia, and 5,417 to libraries in other States and countries. The Library received 3,113 loans from other libraries.

As part of its teaching function the Library conducted 36 seminars which catered for 286 advanced students, and conducted 138 tours and seminars which catered for 1,240 undergraduates.

Holdings at the end of 1977 were as follows: Central Library 681,632 volumes; Law Library 54,718; Medical Library 84,450; Music Library 2,575 bound volumes of scores and 13,979 pieces of music in sheets; and the Waite Agricultural Research Institute Library 33,523 volumes; making total holdings of 870,877 volumes in printed form. In addition the Library held the equivalent of 72,643 volumes in microform.

Expenditure on salaries, books, serials, binding, computing services and other library requirements amounted to \$2,638,398.

The reorganisation of the Library was completed early in the year when the Resources Development, Cataloguing and Information Services Departments became operational, the relevant professional duties being undertaken by a group of subject librarians centrally located in a remodelled area in the Research Services Wing. The Technical Services and Circulation Services Departments had been reorganised in 1976.

Following the success of the first internal course to prepare staff for the technical grade of Library Assistant, a further course was begun in 1977. The continuing education of the professional staff was advanced by a number of colloquia conducted by distinguished visiting librarians and other specialists under the joint auspices of the Library Studies Unit and the Library.

The economic position again made it necessary to leave some positions vacant for most of the year, and to appoint junior staff to replace adults in a number of positions. The success of a three-month trial in 1976 led to the adoption of the Flexitime system for ancillary staff, and a less formal system of variable hours for professional staff.

The Library widened its experience in the use of Australian MARC Record Service catalogue entries with the assistance of the Flinders University Library. After successful trials a microfiche catalogue of the Undergraduate Reserve Collection was introduced late in the year.

The Medical Library began regular participation in the MEDLINE computer network, undertaking 29 on-line searches for research workers of the University and other institutions.

9. THE WAITE AGRICULTURAL RESEARCH INSTITUTE

The Waite Institute was established by the University in 1924 for the purpose of furthering teaching and research in agriculture and allied subjects. During the last fifty years it has established itself as one of the major agricultural research schools in the southern hemisphere and has achieved an international reputation. In addition to carrying out research it forms the basis of the University's Faculty of Agricultural Science, and is responsible for most of the undergraduate teaching and all the postgraduate teaching in that Faculty.

Because of its responsibilities as a Research Institute within the University, both the University and the Institute have for some time faced problems in funding its work adequately. Following representations to the Australian Universities Commission in 1970, and again in 1973, a special allowance was proposed to be made by the Commission in its grants to the University in the triennium 1976-78. However, while a small allowance (of an unspecified amount) was built into the University's grant for 1976, the Commission was unable, because of the financial situation, to increase this allowance for 1977 and subsequent years, as originally intended. The financial problems associated with the Waite Institute therefore remain, and further representations were made to the Universities Commission during 1977 in the hope of obtaining some relief.

The Waite Institute publishes biennially its own report on its activities, and a copy of this report for 1976-77 can be supplied to anyone interested.

10. GROUNDS, BUILDINGS AND ACCOMMODATION

Work began at the beginning of the year on the new Medical Sciences Building, a major project estimated to cost \$5.6 million at 1975 prices. As a result of a new method of calculating escalation costs of capital projects, there was some doubt as to whether the indexed grant would be sufficient to complete the project as originally planned, and provisional decisions had to be made in regard to possible amendments to the plans. This uncertainty still existed at the end of the year.

The continued reduction in the capital building program is increasing the pressure on accommodation within the University. The departments of Anthropology, Classics, Law and Philosophy are all experiencing acute accommodation problems and other departments are expected to be seriously affected before long if additional capital funds do not become available. The Grounds, Buildings and Accommodation Committee formed an Accommodation Sub-Committee to assess the University's short-term and long-term needs in respect of departmental and other accommodation and to make recommendations on accommodation matters, but it is already clear that its task will be extremely difficult in the absence of any major source of funds for providing additional space, or modifying existing buildings.

The Universities Commission's minor works capital grant for the year enabled work to be carried out on the renovation of the Fisher Lecture Theatre; the renewal of floor coverings in the Barr Smith Library; and the refurbishing of several laboratories at North Terrace and the Waite Institute.

The only other major building work in 1977 was the refurbishing of the Elder Hall. One of the proposals in the University's future building program had been a new Music School and associated Concert Hall; the Centenary Appeal launched in 1974 had attracted contributions of about \$750,000 towards the latter. The provision of a site for the project was covered in the North Terrace Land Use Committee's proposals. When the latter fell into abeyance, and it also became clear that the Universities Commission would not be able to make a grant for the Music School for several years, the University Council completely revised its plans, and decided to spend the money received from the Centenary Appeal on a major reconstruction of the interior of the Elder Hall, in order to make it into a first class Concert Hall seating 750 people. Plans for this work were drawn up early in 1977 and the work was put in hand immediately and completed at the end of 1977 in time to be used for the Adelaide Festival of the Arts in March, 1978. The work carried out has been adjudged a complete success, and the project was completed within the funds allocated. A new Organ has been commissioned from the Canadian firm of Casavant Freres and is expected to be installed in the Hall in 1979.

The major Site Development Study, embarked upon in 1973, was almost complete at the end of 1977 and was expected to be presented to the Council for

approval early in 1978. Forming part of this study a review of the reticulated engineering services was undertaken with the aim of rationalising existing services, thereby making short term and long term energy savings. During 1977, a loan of \$1 million was negotiated with a local Bank, with the support of the State Government, for the purpose of financing the rationalising of these services. It was anticipated that the resultant savings would enable the loan to be repaid over a period of 14 years, after which considerable cost benefits would accrue to the University. An "Engineering Services Management Group", directly responsible to the Finance Committee, has been formally established to implement the program of new works and to oversee the management and control of all University reticulated services.

During the year, the University made a determined effort to put Martindale Hall (the University property situated in the Clare Valley about 80 miles from Adelaide) into good condition. With the help of a donation from an anonymous benefactor, the interior has been refurbished, and the roof has been put into satisfactory condition. It is hoped that the University community will now make more use of the building which can comfortably accommodate approximately 30 people for a period of a week or more and that it will become a popular venue for seminars and conferences. It also hoped that a moderate return may accrue from opening the Hall for public viewing and making the facilities available to outside bodies for conferences or seminars when not required by the University.

11. FINANCIAL MATTERS

In May 1976, the Minister for Education announced that the sums to be made available for operating costs of Universities in 1977 would be 2% greater in real terms than for 1976, and would be increased by at least a further 2% in 1978 and 1979. However, the actual allocation of funds to this University for 1977, when it was announced in September 1976, was exactly the same in real terms as for 1976. In view of the need to meet the inevitable extra costs of annual increments, promotions, and superannuation, this meant in effect that the University was worse off by an amount of approximately \$500,000. The effect of this on staffing, research, the Library and other spending programs has been referred to earlier in this Report.

Arising from a decision of the Federal Government conveyed to the University in March 1977 that grants for recurrent purposes could not be used to fund past deficits, the University Council resolved, as a matter of financial expediency, that "Private Income" which had in the past been used to supplement budget income be, where possible, applied in reduction of past deficits and to finance other University development proposals. \$296,000 of private income was, therefore, appropriated to reduce from \$451,000 to \$155,000 the deficit accumulated over a number of years and \$132,500 was transferred to a "Flexibility Fund" to finance future projects of a development nature approved by the Council.

The Federal Government's decision referred to above became law in November 1977, when the States Grants (Tertiary Education Assistance) Act 1977 was passed by the Australian Parliament. This Act provided that in 1977 and future years, all grants approved by Parliament for any given year, whether recurrent or capital, must be spent in that year. This decision to impose strict annual funding, in place of the triennial system which has been in force up to now, is likely to introduce considerable difficulties for Universities. In particular, its introduction so late in 1977 put the University under great pressure in the last month of the year to spend its capital grants for 1977; the spending of the recurrent grant was more easily accomplished because of the advance warning which had been given.

The Tertiary Education Commission continued to provide supplementary grants, subject to quarterly review, to meet cost escalation in 1977 by the use of national indexes constructed for the purpose in 1976 to adjust three major components of recurrent expenditure, viz. academic salaries, general salaries and non-salary costs. The Commission will continue to adjust its recurrent grant for academic salaries and general salaries in 1978 by the use of national indexes and it is assumed that increases arising from academic and general salary determinations during 1978 in all items with a salary content will be offset by the Commission's supplementary grants for that purpose. There will be no supplementation, however, for non-wage costs and the sum available at 1 January prices will be the full extent of support from the Commission during 1978 for this category of expenditure.

In June 1977, the Australian Government abolished the Universities Commission, the Commission for Advanced Education, and the Commission on Technical and Further Education and established instead the Tertiary Education Commission with three constituent Councils for Universities, Colleges and Technical and Further Education. The new Commission's recommendations for funding Universities in 1978 were tabled in Parliament in September 1977 and were not approved by the Government until the last week in October. This left the University with only eight weeks to prepare its 1978 budget. No new major building projects were approved, and only \$200,000 was allocated for minor works, against the University's severely pruned request for \$303,000. The recurrent grant, in real terms, was only \$236,000 more than in 1977 (in spite of the promise made in May 1976 about an increase of 2% over 1977) although the inescapable increase in costs due to "incremental creep" was estimated at \$460,000, while the loss due to the change in indexation arrangements, referred to above, was estimated at \$400,000. It was clear, therefore, that not only would the University be unable to embark on any new initiatives unless it cut out some of its existing activities, but it would also have to make considerable reductions in its current level of expenditure merely to make its books balance. Consequently, the University has been forced to embark on an urgent re-appraisal of the economies it had already introduced in 1976 and 1977 in order to see how far they could be intensified to meet the new situation. Again, the areas most likely to be affected are staffing, research funding, and the Library, giving rise to a further deterioration in the capacity of the University to serve the community, and a highly adverse effect on staff and student morale.

The measures referred to above, when taken together, appeared to the University to be designed, either intentionally or consequentially, to attack the autonomy of universities and reduce their effectiveness, and the Council felt it necessary, in the course of the year, to make a number of public statements, and to write letters to State and Federal parliamentarians, as well as to the Minister for Education and the Universities Commission or its successor, the Universities Council, drawing attention to some of the issues. Among other things, the Council expressed its concern at the overall funding situation, particularly in regard to the reduction in the real value of the capital and recurrent grants to Universities and the failure of the Federal Government to abide by the assurances given in May 1976 that these grants would be increased; in regard to the constitution of the Tertiary Education Commission and the Universities Council, it requested that the membership should include an adequate number of people with an intimate knowledge of university affairs; and it asked that steps be taken to reverse the decision to abolish the triennial system of funding universities which in effect has resulted in a system of annual funding, and to restore the former system of firm triennial planning and funding, which the University believes is an essential factor for sound developmental planning, particularly in a tight financial situation.

12. STATISTICS

Numbers of Students:

The total number of students was 9,555 (including 210 single-studies students at the Elder Conservatorium of Music), which is 250 less than the enrolment in 1976.

The composition of the student body is shown in the following table:

| | Males | Females | Total | % |
|------------------------------|-------|---------|-------|------|
| Full-time | 4,233 | 2,095 | 6,328 | 66.2 |
| Part-time | 1,745 | 994 | 2,739 | 28.7 |
| External | 133 | 30 | 163 | 1.7 |
| Staff | 88 | 27 | 115 | 1.2 |
| Elder Conservatorium | 105 | 105 | 210 | 2.2 |
| Total Students | 6,304 | 3,251 | 9,555 | 100% |

Distribution into Courses:

Each student is counted once only—in the category appropriate to his principal course. The figures in brackets refer to the number of females included in the totals.

A. Higher Degree Candidates:

| | Higher Doctor | | | | Ph.D. | | | | Master | | | | Total | | | | |
|-----------------------------------|---------------|-------------|--------------|--------------|----------------|--------------|---------------|----------|----------------|----------------|---------------|---------------|-----------------|-----------------|----------------|----------------|------------------|
| | F/T | P/T | Staff | Ext. | F/T | P/T | Staff | Ext. | F/T | P/T | Staff | Ext. | F/T | P/T | Staff | Ext. | Total |
| Agricultural Science .. | — | — | — | — | 58(7) | 3(-) | 1(-) | — | 20(5) | 6(-) | 3(-) | 20(1) | 20(1) | 9(-) | 4(-) | 20(1) | 111(13) |
| Architecture .. | — | — | — | — | 1(-) | — | 2(-) | — | 3(-) | 1(-) | — | — | 4(-) | 1(-) | 2(-) | — | 7(-) |
| Urban and Regional Planning .. | — | — | — | — | — | — | — | — | 12(4) | 44(10) | — | 25(2) | 12(4) | 44(10) | — | 25(2) | 81(16) |
| Arts .. | — | — | — | — | 46(20) | 24(7) | 23(14) | — | 71(33) | 43(14) | 6(3) | 6(1) | 117(53) | 67(21) | 29(17) | 6(1) | 219(92) |
| Education .. | — | — | — | — | — | — | — | — | 6(2) | 63(19) | 3(1) | 3(-) | 6(2) | 63(19) | 3(1) | 3(-) | 75(22) |
| Dentistry .. | — | — | — | 1(-) | 3(-) | — | 2(-) | — | 8(1) | 2(-) | 1(-) | 1(-) | 11(1) | 2(-) | 3(-) | 2(-) | 18(1) |
| Economics .. | — | — | — | — | 6(-) | 1(-) | 4(-) | — | 7(3) | 8(1) | 2(1) | 3(-) | 13(3) | 9(1) | 6(1) | 3(-) | 31(5) |
| Business Management | — | — | — | — | — | — | — | — | 9(1) | 63(3) | 2(-) | 3(-) | 9(1) | 63(3) | 2(-) | 3(-) | 77(4) |
| Engineering .. | — | — | — | — | 33(1) | 1(-) | 3(-) | — | 29(-) | 44(1) | — | 12(-) | 62(1) | 45(1) | 3(-) | 12(-) | 122(2) |
| Applied Science .. | — | — | — | — | — | — | — | — | 2(-) | 6(-) | 1(-) | — | 2(-) | 6(-) | 1(-) | — | 9(-) |
| Law .. | — | — | — | 1(-) | — | — | 1(-) | — | 1(1) | 1(-) | 1(-) | 1(-) | 1(1) | 1(-) | 2(-) | 2(-) | 6(1) |
| Medicine .. | 2(-) | 2(1) | 15(-) | 19(2) | 8(1) | 3(-) | 7(1) | — | — | — | 1(-) | 1(-) | 10(1) | 5(1) | 23(2) | 20(2) | 58(6) |
| Music .. | — | — | — | — | 5(3) | 1(1) | — | — | 7(5) | 9(2) | 2(-) | 3(2) | 12(8) | 10(3) | 2(-) | 3(2) | 27(13) |
| Science .. | — | — | 1(-) | 1(-) | 167(20) | 7(-) | 12(1) | — | 36(7) | 18(3) | 10(5) | 28(2) | 203(27) | 25(3) | 23(6) | 29(2) | 280(38) |
| Mathematical Sciences | — | — | — | — | 35(4) | 1(1) | 9(-) | — | 5(-) | 8(-) | 3(-) | 1(1) | 40(4) | 9(1) | 12(-) | 1(1) | 62(6) |
| Environmental Studies | — | — | — | — | — | — | — | — | 21(4) | 6(-) | — | (-) | 21(4) | 6(-) | — | 1(-) | 28(4) |
| Total .. | 2(-) | 2(1) | 16(1) | 22(2) | 362(56) | 41(9) | 64(16) | — | 237(66) | 322(53) | 35(10) | 108(9) | 601(122) | 3 65(63) | 115(27) | 130(11) | 1211(223) |

B. Candidates for Bachelor Degrees:

| | Honours (a) | | | Ordinary | | | Total | | | |
|-------------------------|-------------|------|------|--------------|------------|--------|--------------|------------|--------|--------------|
| | F/T | P/T | Ext. | F/T | P/T | Ext. | F/T | P/T | Ext. | Total |
| Agricultural Science .. | 3(-) | — | — | 182(54) | 28(12) | — | 169(48) | 28(12) | — | 197(60) |
| Architecture | 8(-) | — | — | 169(28) | 11(-) | — | 177(28) | 11(-) | — | 188(28) |
| Arts | 91(54) | — | — | 1,261(769) | 699(368) | 25(15) | 1,352(823) | 699(368) | 25(15) | 2,076(1206) |
| Dentistry | 5(-) | — | — | 279(45) | 25(3) | — | 284(45) | 25(3) | — | 309(48) |
| Economics | 14(5) | — | — | 369(78) | 307(34) | — | 383(83) | 307(34) | — | 690(117) |
| Engineering | 58(-) | — | — | 494(16) | 67(2) | — | 552(16) | 67(2) | — | 619(18) |
| Law | 9(5) | 2(1) | — | 557(188) | 65(17) | — | 566(193) | 67(18) | — | 633(211) |
| Mathematical Sciences | 43(9) | — | — | 256(73) | 72(17) | — | 299(82) | 72(17) | — | 371(99) |
| Medical Science .. | 2(-) | — | — | — | — | — | 2(-) | — | — | 2(-) |
| Medicine | — | — | — | 730(202) | 12(2) | — | 730(202) | 12(2) | — | 742(204) |
| Music | 19(12) | 1(-) | — | 110(72) | 8(4) | — | 129(84) | 9(4) | — | 138(88) |
| Science | 64(10) | — | — | 798(256) | 208(69) | — | 862(266) | 208(69) | — | 1,070(335) |
| Total | 316(95) | 3(1) | — | 5,189(1,775) | 1,502(528) | 25(15) | 5,505(1,870) | 1,505(529) | 25(15) | 7,035(2,414) |

(a) Final year honours only.

C. Candidates for Postgraduate Diplomas and Certificates:

| | Full-time | Part-time | External | Total |
|---------------------------------|-----------|-----------|----------|----------|
| Education (Dip.Ed.) | 155(74) | 270(102) | 6(2) | 431(178) |
| Education (Adv.Dip.Ed.) | 1(1) | 22(8) | — | 23(9) |
| Computing Science | 14(1) | 29(4) | — | 43(5) |
| Applied Psychology | 17(6) | 37(20) | — | 54(26) |
| Clinical Science | — | 29(7) | — | 29(7) |
| Library Studies | 25(15) | 17(16) | — | 42(31) |
| Psychotherapy | 2(2) | 6(1) | — | 8(3) |
| Total | 214(99) | 410(158) | 6(2) | 630(259) |

D. Students taking Miscellaneous Subjects:

| | Full-time | Part-time | External | Total |
|--------------------------------------|-----------|-----------|----------|----------|
| Masters' Qualifying | — | 7(4) | — | 7(4) |
| Arts | 3(1) | 61(39) | 2(2) | 66(42) |
| Agricultural Science | — | 2(1) | — | 2(1) |
| Economics | 2(-) | 78(7) | — | 80(7) |
| Engineering | — | 2(-) | — | 2(-) |
| Law | — | 6(2) | — | 6(2) |
| Mathematical Sciences | — | 4(3) | — | 4(3) |
| Science | — | 12(5) | — | 12(5) |
| Music (Elder Conservatorium) | — | 210(105) | — | 210(105) |
| Miscellaneous Work SAIT (a) | — | 141(106) | — | 141(106) |
| Visiting Students (b) | 3(3) | 146(77) | — | 149(80) |
| Total | 8(4) | 669(349) | 2(2) | 679(355) |

(a) Students taking university subjects as part of a diploma course at the S.A. Institute of Technology.

(b) Students enrolled at another university, who will subsequently qualify for a degree of that university, but who are undertaking part of their degree work at the University of Adelaide.

Comparison with preceding years: The following figures of total enrolments in the various faculties and courses are provided to show changes in University enrolments over the last five years:

| Course (a) | 1973 | 1974 | 1975 | 1976 | 1977 |
|---|-------|-------|-------|-------|-------|
| Higher degree candidates (b) | 997 | 1,101 | 1,170 | 1,243 | 1,218 |
| Undergraduate, diploma, and miscellaneous students: | | | | | |
| Agricultural Science | 196 | 212 | 217 | 224 | 199 |
| Applied Science | 23 | 10 | 3 | — | — |
| Architecture | 165 | 172 | 179 | 176 | 188 |
| Arts | 2,678 | 2,816 | 2,904 | 2,887 | 2,692 |
| Dentistry | 281 | 301 | 292 | 313 | 309 |
| Economics | 630 | 655 | 709 | 752 | 770 |
| Engineering | 623 | 605 | 620 | 617 | 621 |
| Law | 558 | 566 | 610 | 609 | 639 |

| Course (a)— <i>continued</i> | 1973 | 1974 | 1975 | 1976 | 1977 |
|--------------------------------|-------|-------|-------|-------|-------|
| Mathematical Sciences | 234 | 262 | 326 | 414 | 418 |
| Medicine | 725 | 723 | 745 | 810 | 781 |
| Music | 134 | 159 | 170 | 166 | 138 |
| Pharmacy (degree) | 5 | 2 | — | — | — |
| Science | 1,296 | 1,331 | 1,255 | 1,109 | 1,082 |
| Technology | 55 | 29 | 14 | 2 | — |
| Miscellaneous (SAIT) (c) | 100 | 96 | 115 | 123 | 141 |
| Elder Conservatorium (d) | 205 | 210 | 224 | 210 | 210 |
| Visiting Students (e) | 31 | 51 | 73 | 150 | 149 |
| Total | 8,936 | 9,301 | 9,626 | 9,805 | 9,555 |

- (a) Each student is counted once only, in the category appropriate to his principal course.
 (b) Includes Masters' qualifying candidates.
 (c) Students enrolled in subjects as part of a diploma course at the S.A. Institute of Technology.
 (d) Students not also enrolled for degree or diploma subjects.
 (e) Students enrolled at another university, who may subsequently qualify for a degree of that other university, but who are undertaking part of their degree work at the University of Adelaide.

Overseas Students: There were 355 overseas students (including 102 women) enrolled at the University. They were distributed amongst the Faculties and Boards of Studies as follows: Agricultural Science 55, Architecture 12, Arts 40, Dentistry 14, Economics 39, Engineering 75, Law 6, Medicine 36, Music 2, Science 45, Mathematical Sciences 28, Miscellaneous 3.

Of the overseas students 129 came from Malaysia, 37 from Singapore, 16 each from India and the British Isles, 15 each from Vietnam, Indonesia and Hong Kong, 11 from Japan, 8 from Papua New Guinea, 7 each from the United States and New Zealand, 6 each from Taiwan, Iran, Pakistan, Sri Lanka and Canada, 5 each from Bangla Desh, Thailand and Fiji, 4 from South America, 3 each from Belgium and Italy, 2 each from the Philippines, Korea, Germany, Ghana, Norfolk Island and the United Arab Republic, and 1 each from Scandinavia, Tanzania, Tunisia, Trinidad, Algeria, Mauritius, Rhodesia, Nigeria, Uganda, Kenya and Cyprus.

13. ADMISSION TO DEGREES

Degrees were conferred and diplomas granted as follows:

At the Commemoration Ceremonies on 4 May, 1977 (11.00 a.m. and 3.00 p.m.).

| | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--|-------------|---------------|--------------|
| M.D.S. - - - - - | 3 | — | 3 |
| B.Sc.Dent. (Honours) - - - - - | 1 | 1 | 2 |
| B.D.S. - - - - - | 27 | 6 | 33 |
| Ph.D. (Faculty of Engineering) - - - - - | 1 | — | 1 |
| M.E. - - - - - | 1 | — | 1 |
| B.E. (Honours) - - - - - | 56 | — | 56 |
| B.E. - - - - - | 43 | — | 43 |
| LL.M. - - - - - | 1 | — | 1 |
| LL.B. (Honours) - - - - - | 12 | — | 12 |
| LL.B. - - - - - | 71 | 21 | 92 |
| D.Sc. - - - - - | 2 | — | 2 |
| Ph.D. (Faculty of Science) - - - - - | 18 | 1 | 19 |
| M.Sc. - - - - - | 4 | 2 | 6 |
| B.Sc. (Honours) - - - - - | 78 | 17 | 95 |
| M.T.P. - - - - - | 9 | 1 | 10 |
| M.U.R.P. - - - - - | 4 | — | 4 |
| B.Arch. (Honours) - - - - - | 2 | 1 | 3 |
| B.Arch. - - - - - | 11 | — | 11 |
| M.D. - - - - - | 1 | — | 1 |
| Ph.D. (Faculty of Medicine) - - - - - | 2 | 1 | 3 |
| M.B., B.S. (Honours) - - - - - | 1 | 1 | 2 |
| M.B., B.S. - - - - - | 71 | 27 | 98 |
| B.Med.Sc. (Honours) - - - - - | — | 1 | 1 |
| B.Sc. - - - - - | 122 | 63 | 185 |
| Dip.Clin.Sc. - - - - - | 6 | 1 | 7 |
| Total | <u>547</u> | <u>144</u> | <u>691</u> |

The Speakers at these Ceremonies were respectively, The Chancellor, The Honourable Dr. J. J. Bray and The Vice-Chancellor, Professor D. R. Stranks.

At the Commemoration Ceremonies on 11 May, 1977 (11.00 a.m. and 3.00 p.m.).

| | Male | Female | Total |
|--|------------|------------|-------------|
| Ph.D. (Faculty of Agricultural Science) - - - - - | 6 | — | 6 |
| M.Ag.Sc. - - - - - | 6 | — | 6 |
| B.Ag.Sc. (Honours) - - - - - | 5 | 1 | 6 |
| B.Ag.Sc. - - - - - | 18 | 9 | 27 |
| B.A. - - - - - | 166 | 209 | 375 |
| B.Tech. - - - - - | 2 | — | 2 |
| Dip.Ed. (Advanced) - - - - - | 4 | 2 | 6 |
| Dip.App.Psych. - - - - - | 5 | 1 | 6 |
| Dip.Lib.Stud. - - - - - | 1 | 12 | 13 |
| Dip.Ed. - - - - - | 157 | 146 | 303 |
| Ph.D. (Faculty of Arts) - - - - - | 7 | — | 7 |
| M.A. - - - - - | 5 | 5 | 10 |
| M.Ed. - - - - - | 4 | 1 | 5 |
| B.A. (Honours) - - - - - | 44 | 53 | 97 |
| M.Ec. - - - - - | 1 | — | 1 |
| B.Ec. (Honours) - - - - - | 14 | 2 | 16 |
| B.Ec. - - - - - | 97 | 20 | 117 |
| Ph.D. (Faculty of Mathematical Sciences) - - - - - | 4 | — | 4 |
| M.Sc. (Math.Sc.) - - - - - | 1 | — | 1 |
| B.Sc. (Math.Sc.) (Honours) - - - - - | 18 | 3 | 21 |
| B.Sc. (Math.Sc.) - - - - - | 53 | 12 | 65 |
| D.Mus. - - - - - | 1 | — | 1 |
| M.Mus. - - - - - | 1 | — | 1 |
| B.Mus. (Honours) - - - - - | 4 | 7 | 11 |
| B.Mus. - - - - - | 16 | 29 | 45 |
| Dip.Bus.Man. - - - - - | 4 | — | 4 |
| Dip.Comp.Sc. - - - - - | 15 | 2 | 17 |
| Total | <u>659</u> | <u>514</u> | <u>1173</u> |

The Speakers at these Ceremonies were respectively, The Deputy Chancellor, The Honourable Justice Roma F. Mitchell and the Chairman of the Education Committee, Professor I. D. John.

At a meeting of the Council on 8 July, 1977.

| | Male | Female | Total |
|--|-----------|-----------|-----------|
| B.Ag.Sc. - - - - - | 1 | — | 1 |
| M.T.P. - - - - - | 2 | — | 2 |
| M.U.R.P. - - - - - | 1 | — | 1 |
| B.Arch. (Honours) - - - - - | 1 | — | 1 |
| B.Arch. - - - - - | 1 | — | 1 |
| Ph.D. (Faculty of Arts) - - - - - | — | 1 | 1 |
| B.A. (Honours) - - - - - | 1 | 1 | 2 |
| B.A. - - - - - | 2 | 3 | 5 |
| Ph.D. (Faculty of Dentistry) - - - - - | 1 | — | 1 |
| B.D.S. - - - - - | 2 | — | 2 |
| M.E. - - - - - | 3 | 1 | 4 |
| L.L.B. - - - - - | 3 | — | 3 |
| M.Sc. (Math.Sc.) - - - - - | 1 | — | 1 |
| B.Sc. (Honours) (Math.Sc.) - - - - - | 1 | — | 1 |
| B.Mus. (Honours) - - - - - | — | 1 | 1 |
| M.Sc. - - - - - | — | 2 | 2 |
| B.Sc. (Honours) - - - - - | 2 | — | 2 |
| B.Sc. - - - - - | 3 | — | 3 |
| Dip.Ed. - - - - - | 1 | 2 | 3 |
| Total | <u>26</u> | <u>11</u> | <u>37</u> |

At a meeting of the Council on 21 December, 1977.

| | Male | Female | Total |
|---|-----------|-----------|-----------|
| Ph.D. (Faculty of Agricultural Science) - - | 1 | — | 1 |
| M.Ag.Sc. - - - - - | 1 | 1 | 2 |
| Ph.D. (Faculty of Arts) - - - - - | 1 | — | 1 |
| B.A. - - - - - | — | 3 | 3 |
| M.D.S. - - - - - | 2 | — | 2 |
| B.D.S. - - - - - | 4 | 2 | 6 |
| M.Sc. (Math.Sc.) - - - - - | 1 | — | 1 |
| M.B., B.S. - - - - - | 3 | 1 | 4 |
| Dip.Ed. - - - - - | 1 | 3 | 4 |
| Total | <u>14</u> | <u>10</u> | <u>24</u> |

Totals: 113 candidates were admitted to higher degrees by examination or thesis; 1,449 bachelor degrees were conferred by examination; and 363 diplomas were awarded.

A summary by faculty of degrees conferred and diplomas granted during 1977 is as follows:

| | Higher Doctorate | Ph.D. | Master | Bach. (Hons.) | Bach. (Ord.) | Postgrad. Diploma |
|----------------------|---------------------|-------|--------|------------------|-----------------|----------------------|
| Agricultural Science | — | 7 | 8 | 6 | 27 | — |
| Architecture .. | — | — | 17 | 4 | 12 | — |
| Arts | — | 9 | 15 | 99 | 383 | 335 |
| Dentistry | — | 1 | 5 | 2 | 41 | — |
| Economics | — | — | 1 | 16 | 117 | 4 |
| Engineering | — | 1 | 5 | 56 | 43 | — |
| Law | — | — | 1 | 12 | 95 | — |
| Mathematical Scs. | — | 4 | 3 | 22 | 65 | 17 |
| Medicine | 1 | 3 | 1 | 3 | 102 | 7 |
| Music | 1 | — | 1 | 12 | 45 | — |
| Science | 2 | 19 | 8 | 97 | 188 | — |
| Tech./Applied Sc. | — | — | — | — | 2 | — |
| Total | 4 | 44 | 65 | 329 | 1120 | 363 |

14. UNIVERSITY HEALTH SERVICE

The total number of individual services rendered during the year was 12,756, including 1,793 routine medical examinations of students and staff, 3,861 casualties, 3,212 return visits from casualty service, 1,235 poliomyelitis immunisations, 463 tetanus injections and 1,615 Mantoux tests. The total does not include chest x-rays arranged by the Service at the City X-ray Unit. Of the 3,861 casualties, 3,104 were illnesses, 629 accidents, and 188 sports injuries.

15. STUDENT COUNSELLING SERVICE

With the appointment of a female counsellor, part-time, in the latter part of the year and her subsequent training, the Service became better able to meet the needs and preferences of the full body of students. Recorded individual counselling discussions, typically of one hour duration on each occasion were conducted with 529 students of all faculties and years, both undergraduate and postgraduate. The difficulties for which assistance was sought ranged widely throughout educational, vocational and personal matters, often in combination, but always in uniquely individual circumstances. As is typical there was a proportion of students who are seriously disturbed and who require long term psychotherapy. Counselling was also provided to a number of members of the academic staff, in several cases regularly and intensively throughout the year. Group activities to foster socialisation and personal development were conducted throughout the year, involving 58 students on a continuing basis and a much larger number in an episodic form of participation. The Service has continued to take a leading

part in the activities of the Tertiary Co-ordinating Committee for Secondary School Liaison. Counsellors have taken part in an increasing number of visits to schools, particularly in the country, and the officer in charge has continued for the fourth year to discharge the offices of chairman and secretary of the committee. Counsellors participate in and assist a variety of student bodies, including the Welfare Committee, the Orientation Committee and the Women's Group.

16. CONTINUING EDUCATION

Towards the end of the year the Department's name was changed from Adult Education to Continuing Education. The change harmonises with current usage in most Australian Universities and helps to convey the University's concern with the continuous nature of education whether for professional work, for self-development or for democratic citizenship.

The following summary of activities shows that the Department's work was carried on in multifarious ways.

Seminars on such subjects as Uranium, the History of S.A. Transport, Employment and the Trade Unions and using a multi-disciplinary and/or multi-point-of-view approach attracted an enrolment of 916.

Schools (some residential) offering educational opportunity for musicians, natural and local historians, and teachers learning the Pitjantjatjara language attracted an enrolment of 509 students.

Courses for the general public (mostly in the evening) had an enrolment of 1,163 while those broadcast on 5UV, with supporting written texts, enrolled 702-1,865 in all.

Specialised courses for professional occupational groups enrolled over 800 in face-to-face meetings and 700 by means of radio—over 1,500 in all.

Educational Radio Station 5UV also enrolled over 800 individual subscribers and 80 educational institutions.

Two surveys, one undertaken by students of Murray Park C.A.E., showed that approximately one-fifth of the metropolitan population listened to 5UV at least from time to time, while 11% listened on a regular basis. Unfortunately these numbers of 150,000 and 80,000 respectively are not reflected in enrolments for Radio Courses.

5UV broadcast for over 90 hours per week and about 40 hours of programs were provided under access arrangements by ethnic communities, the University of Adelaide's student radio and a few additional community groups. Besides its structured courses the Station provided program opportunities in the form of broadcast series to Adelaide's writers, musicians, academics and school students. Funds for special series were received from such bodies as the Schools Commission, the S.A. Arts Grants Committee and the Australia Council.

Publications: Alitji in Dreamtime, the Pitjantjatjara adaptation of "Alice in Wonderland", which has had extremely favourable reviews in Australia's newspapers, was adapted as a puppet play by the Nimrod Theatre under the auspices of the Australian Elizabethan Trust. A number of new publications were added to the Departmental list (there are now over 50 titles) including *The Adelaide Hills*, *Intercountry Adoptions* and *Five Creeks of the River Torrens*. The latter publication, an historical/environmental study, quickly sold out its first printing and is now in a second impression.

17. CAREERS ADVISORY BOARD

There were encouraging signs during the year to show that both students and employers were tackling the changing employment situation in a realistic and positive way. Students were more prepared to look at a wider range of opportunities and employers were prepared to consider graduates for a wider range of vacancies. The following activities of the Careers Advisory Board during the year were aimed at speeding this process.

Articles and news items were prepared for the media to highlight the changing employment situation. Letters were sent to the Faculties encouraging them to set up working parties to consider how the changing employment situation was affecting their students and whether any action should be taken. A workshop was held early in March 1977 at which graduating students who had not yet succeeded in finding employment were able to meet a wide range of employers who described the kind of work involved in their particular fields. These included

Personnel, Marketing, Real Estate, Insurance, Banking, and Public Relations. There was a substantial increase in the number of students who took advantage of campus interviews (2,920 in 1977 compared with 1875 in 1976). Improved accommodation has been provided for these interviews in the Board's office. The Professional Employment Office of the Commonwealth Employment Service actively participated in this program by visiting 200 major employers during the first term and by individually interviewing interested final year students in the second term when they were able, at first-hand, to explain what kind of graduates employers were looking for, and to find out from the students the kind of employment that they were interested in. This on-campus activity was directly referred to in the report by J. D. Norgard of the Commonwealth Employment Service dated June 1977. The report recommended the withdrawal of these services which it referred to as information services. A letter signed jointly by the Vice-Chancellors of Adelaide and Flinders Universities and the Director of the South Australian Institute of Technology was sent to the Minister of Employment and Industrial Relations indicating that it was an efficient placement service being provided by the Professional Employment Office rather than just an information function, and it was strongly urged that these services should remain. It is understood that there will be further consultation before any action is taken.

Early in December two one-day workshops were jointly organised by the Adelaide and Flinders Universities and the South Australian Institute of Technology for students who were just completing their studies. These were again aimed at encouraging students to think about new job areas, and talks were given on how to write good job applications and to prepare for job interviews. For the seventh year copies of the publication "Careers and Courses" prepared by the Careers Advisory Board and the Youth Employment Service of the Commonwealth Employment Service were distributed to schools in South Australia but it was apparent that many of the job descriptions were becoming too directive and the format of the publication was not conducive to the flexibility of attitude which is becoming more and more important. The Commonwealth Government is also providing a job manual on a national basis, and for these reasons it is proposed to discontinue the publication.

The annual survey of the first destination of graduates showed that 6.6% of those responding were unemployed as at 30 April 1977 with 38 Arts graduates, 30 Science graduates, and 18 Engineering graduates unemployed or under-employed (the corresponding figure for the 1976 graduates were 7.2% unemployed; 30 Arts graduates, 32 Science graduates, and 24 Engineering graduates).

18. THE UNIVERSITY UNION

The Union management structure was completely re-organised in 1977 and major changes were made. Following the resignation of Mr. R. Middenway as Warden of the Union, on his appointment as Executive Officer of the Parks Community Centre, the positions of Warden and Secretary of the Union were combined into one position of Chief Executive Officer. The committee structure within the Union was also rationalised and resulted in a reduction in the number of committees.

A development of some importance took place in February 1977 when, following the hearing of one of the claims made by the Ancillary Staff Association in the South Australian Industrial Commission, that Commission ruled that staff working in the Union are not employees of the University, but are employed by the Union. It had always been understood that staff of the Union were University employees, and in 1974 resolutions passed by both the Union Council and the University Council purported to confirm this situation. However, the Industrial Commission ruled that these resolutions did not affect the issue.

Partly as a result of this decision, and its implications in regard to the legal liability of individual members of the Union Council, the Council decided to seek incorporated status under the aegis of The University of Adelaide Act. The University Council concurred with this decision and included an appropriate amendment to the Act in the list of amendments it placed before the South Australian Parliament.

With the completion of the building program and the availability of a much wider range of facilities the Union has become an important venue and focal point for both large and small conventions and conferences. The Summer School of Music has been a consistent annual user of the facilities.

The Union has expanded its Welfare Services with the introduction of the Contact Centre including Work Action. This service is playing a large and important role in finding employment for students over the long vacation period and part-time employment during the academic year.

19. STUDENT WELFARE SERVICES

Following the developments reported in the 1975 and 1976 Reports, the Non-Collegiate Housing project planned for the site at Gilberton was terminated, and the University Council decided to sell the land. However, the North Adelaide Non-Collegiate Housing project, begun in 1972, continues to provide accommodation in renovated houses for 55 students. The possibility of building some new accommodation on the North Adelaide land is being investigated.

The University Student Loan Fund is designed to provide financial assistance to needy students who might otherwise be unable successfully to continue with their academic work. During the year there were 62 applications for assistance from the Fund, in response to which \$15,280 was made available in repayable loans and \$50 in non-repayable grants. In addition, a short-term Loan Fund assisted 66 students for whom repayable loans totalling \$3,222 were approved.

The Mackinnon Parade Child Care Centre (University of Adelaide) Incorporated, which was opened in March 1976, is licensed to provide 60 places for children aged 6 months to 5 years. During 1977 the Centre provided for the child care needs of over 150 families. The average child enrolment was four half-day sessions per week.

20. MISCELLANEOUS

In August, the Elder Conservatorium Brass Ensemble took part in the International Festival of Youth Orchestras and Performing Arts, held in Aberdeen and London. It was the first orchestral brass ensemble to be invited to take part in this Festival. The Ensemble was founded in 1966 and consists of 23 players who are all students of the Elder Conservatorium.

Mr. Ian Ridgway, a senior laboratory technician at the Waite Agricultural Research Institute, invented a self-cleaning threshing machine, known as the Resilient Tapered Thresher, which is believed to have great potential benefits, especially in developing countries. Patents have been obtained, and it is hoped to develop the machine to the commercial stage.

21. FINANCIAL STATEMENTS

An abstract of the income and expenditure of the University during 1977 is annexed to this Report, together with a further statement showing the actual position of the University with respect to its property, funds and liabilities at the close of 1977.

Signed on behalf of the Council,

J. J. BRAY,

Adelaide,
8 September, 1978.

Chancellor.

Financial Statements

1977

THE UNIVERSITY

Income and Expenditure Account for the

| INCOME | | | |
|--|-----------------|-------------------|-------------------|
| NORTH TERRACE | | | |
| | <i>Schedule</i> | 1977 | 1976 |
| | \$ | \$ | \$ |
| <i>Government Grant for Recurrent Expenditure</i> | | 32,572,152 | 29,651,360 |
| <i>Interest—</i> | | | |
| Treasury of South Australia | 161,872 | | 68,421 |
| Agent General | 886 | | 511 |
| Invested on Short Term Deposit | 216,489 | | 447,900 |
| | | <u>379,247</u> | <u>516,832</u> |
| <i>Private Income</i> | | | |
| Mortgage Advances | 16 | | 48 |
| <i>Composite Fund—</i> | | | |
| Dividends and Interest | 241,969 | | 190,778 |
| <i>Interest—</i> | | | |
| Electricity Trust of S.A. | 42,460 | | 42,460 |
| S.A. Gas Co. | 13,025 | | 10,843 |
| *Investments of Endowments and other funds | 224,767 | | — |
| <i>Student Conservatorium Fees</i> | 17,683 | | 19,116 |
| <i>Other Income</i> | L 266,743 | | 149,154 |
| | | <u>806,663</u> | <u>412,399</u> |
| <i>Total Income</i> | | 33,758,062 | 30,580,591 |
| <i>Deduct</i> | | | |
| Amount credited to Special Funds | | 254,909 | 289,298 |
| | | <u>33,503,153</u> | <u>30,291,293</u> |
| <i>Deduct</i> | | | |
| Appropriations towards meeting deficits of prior years | | | |
| Adjustments to 1976 | 22,000 | | — |
| Recurrent Grants | | | — |
| Part Deficits—prior years (Sch. 21) | 296,106 | | — |
| | 318,106 | | |
| Appropriations towards future Expenditure | 132,548 | 450,654 | — |
| | | <u>—</u> | <u>107,261</u> |
| <i>Deficit (Transferred to Income & Expenditure Appropriation Account)</i> | | \$33,052,499 | \$30,398,554 |

*Income from investment of endowments & other funds shown separately in 1977 previously included in interest on short term investments. (\$447,900 in 1976)

OF ADELAIDE

year ended 31 December, 1977

EXPENDITURE

NORTH TERRACE

| | <i>Schedule</i> | 1977 | 1976 |
|---|-----------------|----------------------------|----------------------------|
| | | \$ | \$ |
| <i>Departmental—</i> | | | |
| Salaries and Wages | A | 20,821,716 | 19,262,767 |
| Travelling Expenses—New Appointments .. | | 40,066 | 77,134 |
| Faculty Expenses | B | 124,098 | 104,077 |
| Laboratory Maintenance Grants | A | 1,020,750 | 968,482 |
| Furniture | A | 18,362 | 16,834 |
| | | <u>22,024,992</u> | <u>20,429,294</u> |
| <i>Library—</i> | | | |
| Salaries and Wages .. | | 1,502,197 | 1,348,937 |
| Books and Binding .. | | 746,013 | 668,272 |
| | | <u>2,248,210</u> | <u>2,017,209</u> |
| <i>Administrative Salaries</i> | | 2,226,126 | 2,037,361 |
| <i>Research—</i> | | | |
| Salaries and Wages .. | A | 419,830 | 466,104 |
| Maintenance | A | 337,009 | 235,151 |
| Travel and Setting Up | A | 129,212 | 78,528 |
| | | <u>886,051</u> | <u>779,783</u> |
| <i>Maintenance of Property—</i> | | | |
| Caretakers' and Cleaners' Wages | | 1,168,776 | 1,144,394 |
| Building Repairs, Minor Reconstructions, Maintenance of site and Gardeners' Wages | C | 463,099 | 439,913 |
| Maintenance of Sports Grounds .. | | 120,200 | 103,987 |
| | | <u>1,752,075</u> | <u>1,688,294</u> |
| <i>Sundry—</i> | | | |
| Payroll Tax .. | | 1,229,256 | 1,156,842 |
| Scholarships and Prizes | D | 122,641 | 104,712 |
| General Expenses—Printing, Stationery, Miscellaneous | E | 649,353 | 938,782 |
| Engineering Services and Insurance .. | F | 1,070,833 | 695,164 |
| Special Grants | G | 74,995 | 77,295 |
| Study Leave | | 242,007 | 185,337 |
| Supplementary Superannuation Scheme .. | | 237,655 | 69,191 |
| Supplementary Pension Scheme .. | | 73,349 | 63,837 |
| Long Service Leave | | 214,956 | 155,453 |
| | | <u>3,915,045</u> | <u>3,446,613</u> |
| | | <u><u>\$33,052,499</u></u> | <u><u>\$30,398,554</u></u> |

THE UNIVERSITY

Income and Expenditure Account for the

| INCOME | | | | |
|---|---|-------------------|-----------|---------------|
| WAITE AGRICULTURAL RESEARCH INSTITUTE | | | | |
| <i>Schedule</i> | | | | |
| | | 1977 | 1976 | |
| | | \$ | \$ | \$ |
| <i>Government Grant for Recurrent Expenditure</i> | | 3,717,848 | 3,384,340 | |
| <i>Interest</i> | M | 33,817 | | 31,203 |
| <i>Other Income</i> | N | 1,132 | | 2,255 |
| | | <u> </u> | 34,949 | <u>33,458</u> |

| | |
|--------------------|--------------------|
| <u>\$3,753,797</u> | <u>\$3,417,798</u> |
|--------------------|--------------------|

OF ADELAIDE

year ended 31 December, 1977

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE

| | Schedule | | 1977 | 1976 |
|---|----------|-----------|--------------------|--------------------|
| | | \$ | \$ | \$ |
| <i>Departmental—</i> | | | | |
| Salaries and Wages | H | 1,971,785 | | 1,794,845 |
| Travelling Expenses — New Appointments | | — | | 2,761 |
| Faculty Expenses | | 5,223 | | 5,003 |
| Laboratory Maintenance Grants | H | 92,594 | | 87,221 |
| Furniture | | 3,507 | | 2,022 |
| | | | 2,073,109 | 1,891,852 |
| <i>Library—</i> | | | | |
| Salaries and Wages | | 49,348 | | 51,918 |
| Books and Binding | | 56,288 | | 50,321 |
| | | | 105,636 | 102,239 |
| <i>Administrative Salaries</i> | | | 380,860 | 336,145 |
| <i>Research—</i> | | | | |
| Salaries and Wages | H | 91,466 | | 117,817 |
| Maintenance | H | 27,521 | | 22,434 |
| Travelling Expenses | H | 1,443 | | 1,944 |
| | | | 120,430 | 142,195 |
| <i>Maintenance of Property—</i> | | | | |
| Caretakers' and Cleaners' Wages | | 111,776 | | 108,844 |
| Building Repairs, Minor Reconstructions, Maintenance of Site and Gardeners' Wages | I | 108,105 | | 96,993 |
| | | | 219,881 | 205,837 |
| <i>Sundry—</i> | | | | |
| Payroll Tax | | 134,259 | | 122,743 |
| General Expenses—Printing, Stationery, Miscellaneous | J | 101,714 | | 131,593 |
| Engineering Services and Insurance | K | 231,054 | | 178,853 |
| Study Leave | | 15,993 | | 14,600 |
| Supplementary Superannuation Scheme | | 52,405 | | — |
| Supplementary Pension Scheme | | 8,927 | | 8,302 |
| Long Service Leave | | 14,215 | | 12,086 |
| | | | 558,567 | 468,177 |
| <i>Farm—</i> | | | | |
| Wages (including Gardeners) | | 179,694 | | 167,127 |
| Maintenance | | 14,565 | | 13,800 |
| | | | 194,259 | 180,927 |
| <i>Mortlock Experiment Station—</i> | | | | |
| Salaries and Wages | | 83,555 | | 74,426 |
| Maintenance and Building Repairs | | 13,371 | | 13,292 |
| Travel | | 3,129 | | 2,708 |
| | | | 100,055 | 90,426 |
| | | | <u>\$3,752,797</u> | <u>\$3,417,798</u> |

THE UNIVERSITY

Income and Expenditure Account for the

| | | | | 1977 | 1976 |
|-----------------------|-------|-------|-------|--------------|--------------|
| | | | | \$ | \$ |
| Total North Terrace | ..... | ..... | ..... | 33,052,499 | 30,398,554 |
| Total Waite Institute | ..... | ..... | ..... | 3,752,797 | 3,417,798 |
| | | | | <hr/> | <hr/> |
| | | | | \$36,805,296 | \$33,816,352 |

OF ADELAIDE

year ended 31 December, 1977

| EXPENDITURE | | | | 1977 | 1976 |
|-----------------------|-------|-------|-------|-------------------|-------------------|
| | | | | \$ | \$ |
| Total North Terrace | ..... | ..... | ..... | 33,052,499 | 30,398,554 |
| Total Waite Institute | ..... | ..... | ..... | 3,752,797 | 3,417,798 |
| | | | | <u>36,805,296</u> | <u>33,816,352</u> |

The above expenditure does not include expenditure for research and educational purposes of Grants received from Outside Sources totalling \$2,674,338 detailed on pages 1292-1315 inclusive of these accounts.

W. MEIKLEJOHN, Bursar.

We report that we have audited the various Books of Account and other records relating to the Income and Expenditure of The University of Adelaide in respect of the year which ended 31 December 1977, and we certify the above statement to be a correct abstract of such Income and Expenditure during the above period.

We further certify that in terms of sections 5 and 6 of the States Grants (Universities Assistance) Act 1976 and subsequent amendments in relation to the year 1977 the above financial statement correctly sets out the Commonwealth Grants received by the University of Adelaide, that the Commonwealth Grant for recurrent purposes paid to the University in that year has been applied for expenditure (other than for the purposes of land, buildings and equipment expenditure as defined in the Act) on University purposes and that the Commonwealth Grant of \$361,000 has been applied for expenditure on special research purposes.

YARWOOD VANE & CO., Chartered Accountants.

TOUCHE ROSS & CO., Chartered Accountants.

Adelaide, 21 April 1978.

NORTH TERRACE
SCHEDULE A

1977—INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES
DEPARTMENTAL FUNDS EXPENDED—1977

| FACULTY and Department | Salaries and Wages | LABORATORY | | RESEARCH | | | TOTAL \$ |
|---|-----------------------|-------------|-----------|-----------------------|-------------|--------------------------|-------------|
| | | Maintenance | Furniture | Salaries and Wages | Maintenance | Travel and Setting Up | |
| <i>AGRICULTURAL SCIENCE</i> (Refer Schedule I— Waite Institute) | | | | | | | |
| <i>ARCHITECTURE</i> | 419,213 | 13,599 | 712 | 19,961 | 3,127 | 3,589 | 460,201 |
| <i>ARTS</i> | | | | | | | |
| Anthropology | 246,940 | 11,566 | — | 21,532 | 4,956 | 1,326 | 286,320 |
| Centre for Asian Studies | 111,591 | 862 | 629 | 174 | 331 | 269 | 113,856 |
| Classics | 239,209 | 1,304 | 206 | — | 394 | 680 | 241,793 |
| Education | 478,802 | 6,995 | — | 369 | 1,651 | 4,287 | 492,104 |
| English | 609,775 | 3,383 | 206 | 19,519 | 2,092 | 4,054 | 639,029 |
| French | 187,358 | 1,010 | — | 150 | 194 | — | 188,712 |
| Geography | 371,505 | 18,484 | — | 6,184 | 4,021 | 3,507 | 403,701 |
| German (incl. Language Laboratories) | 279,314 | 4,642 | 454 | 2,945 | 1,712 | 463 | 289,530 |
| History | 651,023 | 5,820 | 274 | 15,739 | 3,166 | 5,268 | 681,290 |
| Library Studies | 56,387 | 1,009 | 157 | 273 | 478 | — | 58,304 |
| Philosophy | 201,664 | 1,272 | — | 10,089 | 222 | 676 | 213,923 |
| Politics | 334,277 | 4,828 | 242 | 24,530 | 1,169 | 2,287 | 367,333 |
| Psychology | 627,161 | 29,537 | 194 | 16,455 | 18,659 | 1,354 | 693,360 |
| Napier Building Manage- ment Committee | — | 635 | — | — | — | — | 635 |
| Dean's Office | — | 244 | — | — | — | — | 244 |
| <i>DENTISTRY</i> | | | | | | | |
| Dental Health | 298,923 | 3,133 | — | 72 | 2,943 | 236 | 305,307 |
| Oral Biology | 153,615 | 6,183 | 100 | — | 2,358 | 590 | 162,846 |
| Oral Pathology and Surgery | 140,765 | 3,130 | — | — | 3,309 | 356 | 147,560 |
| Restorative Dentistry | 427,552 | 5,083 | 166 | — | 3,085 | 150 | 436,036 |
| Dean's Office | — | 592 | — | — | — | — | 592 |

(Continued next page)

| FACULTY and Department | Salaries and Wages | LABORATORY | | RESEARCH | | | TOTAL \$ |
|----------------------------------|-----------------------|-------------|-----------|-----------------------|-------------|--------------------------|-------------|
| | | Maintenance | Furniture | Salaries and Wages | Maintenance | Travel and Setting Up | |
| <i>ECONOMICS</i> | | | | | | | |
| Commerce | 253,419 | 4,188 | 65 | — | 4,823 | 240 | 262,735 |
| Economics | 724,985 | 8,843 | 350 | 28,332 | 2,268 | 4,347 | 769,125 |
| <i>ENGINEERING</i> | | | | | | | |
| Chemical | 386,961 | 18,362 | 1,232 | 7,833 | 7,471 | — | 421,859 |
| Civil | 560,974 | 32,558 | 407 | 16,798 | 14,618 | 1,916 | 627,271 |
| Electrical | 479,789 | 29,373 | 990 | 12,045 | 17,750 | 1,982 | 541,929 |
| Mechanical | 559,600 | 24,185 | 486 | 21,687 | 12,635 | 267 | 618,860 |
| Engineering Workshop | — | 9,853 | — | — | — | — | 9,853 |
| Dean's Office | 49 | 176 | — | — | — | — | 225 |
| <i>LAW</i> | 738,346 | 10,283 | 500 | 1,487 | 718 | 1,760 | 753,094 |
| <i>MATHEMATICAL SCIENCES</i> | | | | | | | |
| Applied Mathematics | 385,157 | 5,968 | — | 10,951 | 5,144 | 2,544 | 409,764 |
| Computing Science | 284,601 | 14,271 | 539 | 32 | 8,019 | 387 | 307,849 |
| Mathematical Physics | 132,108 | 2,920 | — | 5,396 | 1,833 | 652 | 142,909 |
| Pure Mathematics | 309,577 | 2,583 | — | 14,811 | 1,223 | 3,088 | 331,282 |
| Statistics | 181,116 | 1,295 | — | 68 | 1,494 | 495 | 184,468 |
| <i>MEDICINE</i> | | | | | | | |
| Anatomy | 428,406 | 13,790 | 159 | 1,241 | 6,583 | 302 | 450,481 |
| Community Medicine | 131,426 | 12,552 | 204 | 683 | 1,675 | 167 | 146,707 |
| Medicine | 450,362 | 8,391 | 285 | 8,062 | 5,369 | — | 472,469 |
| Obstetrics and Gynaecology | 302,976 | 6,519 | — | 6,297 | 5,420 | — | 321,212 |
| Paediatrics | 287,359 | 5,452 | 189 | — | 2,382 | — | 295,382 |
| Pathology | 274,773 | 7,319 | — | — | 1,298 | 18 | 283,408 |
| Psychiatry | 311,608 | 5,674 | — | 846 | 1,976 | 395 | 320,499 |
| Surgery | 327,717 | 6,288 | — | 5,486 | 10,032 | 698 | 350,221 |
| Medical Animal House | — | 12,307 | — | — | — | — | 12,307 |
| Medical Workshop | — | 1,678 | — | — | — | — | 1,678 |
| Surgery—Hospital Animal House | — | 3,840 | — | — | — | — | 3,840 |
| (Continued next page) | | | | | | | |

| FACULTY and Department | Salaries and Wages | LABORATORY | | RESEARCH | | | TOTAL \$ |
|---|-----------------------|-------------|-----------|-----------------------|-------------|--------------------------|-------------|
| | | Maintenance | Furniture | Salaries and Wages | Maintenance | Travel and Setting Up | |
| <i>MUSIC</i> | | | | | | | |
| Centre for Aboriginal Studies in Music Conservatorium | 210 | — | 189 | — | 180 | — | 579 |
| Music | 336,057 | — | — | — | — | — | 336,057 |
| Performing Arts | 306,379 | 18,652 | 75 | 8,529 | 3,163 | 481 | 337,279 |
| | 32,048 | 783 | 114 | — | — | — | 32,945 |
| <i>SCIENCE</i> | | | | | | | |
| Biochemistry | 426,445 | 40,719 | 932 | 35,442 | 14,673 | 2,122 | 520,333 |
| Botany | 426,357 | 23,688 | 198 | 14,859 | 8,168 | 2,935 | 476,205 |
| Chemistry, Organic | 519,607 | 41,549 | 488 | 2,809 | 13,909 | 213 | 578,575 |
| Chemistry, Physical and Inorganic | 767,155 | 51,862 | 74 | 11,811 | 14,395 | 561 | 845,858 |
| Genetics | 309,027 | 15,834 | 204 | 2,063 | 6,451 | 47 | 333,626 |
| Geology and Mineralogy | 468,285 | 26,790 | 734 | 13,204 | 12,319 | 5,966 | 527,298 |
| Geology, Economic | 185,701 | 9,855 | 506 | 4,710 | 2,899 | 4,352 | 208,023 |
| Mawson Institute | 105,936 | 8,268 | — | 610 | 491 | — | 115,305 |
| Microbiology | 330,791 | 15,978 | — | 23,358 | 9,753 | 974 | 380,854 |
| Physics | 934,488 | 61,564 | 846 | 12,885 | 13,335 | 12 | 1,023,130 |
| Physiology | 496,648 | 27,559 | 736 | 8,152 | 8,816 | 639 | 542,550 |
| Social Biology | — | 90 | — | — | — | — | 90 |
| Zoology | 545,287 | 29,786 | 682 | 1,250 | 12,364 | 4,547 | 593,916 |
| Dean's Office | — | 88 | 300 | — | — | — | 388 |
| <i>OTHER DEPARTMENTAL SERVICES</i> | | | | | | | |
| Advisory Centre for University Education | 95,106 | 4,862 | 172 | — | 180 | — | 100,320 |
| Central Animal House | 86,861 | 28,649 | — | — | — | — | 115,510 |
| Computing Centre | 375,005 | 126,401 | 149 | — | — | — | 501,555 |
| Health Service | 80,992 | 2,020 | — | — | 263 | — | 83,275 |
| Medical School Administration | 64,988 | 3,131 | — | — | — | — | 68,119 |
| Student Counselling Service | 65,059 | 1,876 | — | — | — | — | 66,935 |
| <i>(Continued next page)</i> | | | | | | | |

| FACULTY and Department | Salaries and Wages | LABORATORY | | | RESEARCH | Travel and Setting Up | TOTAL \$ |
|--|-----------------------|-------------|-----------|-----------------------|-------------|--------------------------|--------------|
| | | Maintenance | Furniture | Salaries and Wages | Maintenance | | |
| <i>MISCELLANEOUS</i> | | | | | | | |
| Administration | — | 6,774 | 921 | — | — | — | 7,695 |
| Vice-Chancellor's Emergency Fund | — | 632 | — | — | — | — | 632 |
| Adult Education (including Radio Station) | 223,428 | 24,270 | 421 | — | — | — | 248,119 |
| Ancillary Staff Super- annuation | 162,334 | — | — | — | — | — | 162,334 |
| Compulsory Excursions | — | 7,400 | — | — | — | — | 7,400 |
| Electron Microscope | — | 3,842 | — | — | 743 | — | 4,585 |
| Electron Optical Centre | — | 2,470 | 147 | — | — | — | 2,617 |
| Environmental Studies | 38,799 | 3,654 | 827 | 101 | 1,061 | 2,809 | 47,251 |
| Library | — | 56,948 | 901 | — | — | — | 57,849 |
| Library Books for Research Purposes | — | — | — | — | 42,268 | — | 42,268 |
| Library Complex Management Committee | — | 163 | — | — | — | — | 163 |
| Maternity Leave | 20,172 | — | — | — | — | — | 20,172 |
| Pensions and Gratuities | 21,445 | — | — | — | — | — | 21,445 |
| Physical Education | 50,723 | 1,774 | — | — | — | — | 52,497 |
| Post Doctoral Fellowships | — | — | — | — | — | 1,380 | 1,380 |
| Radiation Safety | — | 840 | — | — | — | — | 840 |
| Research Type Conferences | — | — | — | — | — | 28,172 | 28,172 |
| Visiting Lecturers | — | — | — | — | — | 15,737 | 15,737 |
| Short Overseas Conference Leave | — | — | — | — | — | 8,075 | 8,075 |
| Visiting Professors | — | — | — | — | 4,217 | 1,840 | 6,057 |
| William Culross Prize | — | — | — | — | 763 | — | 763 |
| | \$20,821,716 | \$1,020,750 | \$18,362 | \$419,830 | \$337,009 | \$129,212 | \$22,746,879 |

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1977

EXPENDITURE – NORTH TERRACE

SCHEDULE B.

| | \$ | \$ |
|---|--------|-----------|
| <i>Faculty Expenses—</i> | | |
| Architecture— | | |
| Advertising | 1,182 | |
| Additional Examiners and Supervisors | 1,675 | |
| Arts— | | |
| Advertising | 7,254 | |
| Additional Examiners and Supervisors | 1,841 | |
| Printing and Stationery | 21 | |
| Dentistry— | | |
| Advertising | 2,708 | |
| Additional Examiners and Supervisors | 1,886 | |
| Economics— | | |
| Advertising | 2,265 | |
| Additional Examiners and Supervisors | 235 | |
| Engineering— | | |
| Advertising | 2,032 | |
| Additional Examiners and Supervisors | 814 | |
| Law— | | |
| Advertising | 1,257 | |
| Additional Examiners and Supervisors | 1,077 | |
| Mathematical Sciences— | | |
| Additional Examiners and Supervisors | 261 | |
| Medicine— | | |
| Advertising | 6,406 | |
| Additional Examiners and Supervisors | 1,829 | |
| Printing and Stationery | 626 | |
| Music— | | |
| Advertising | 1,004 | |
| Additional Examiners and Supervisors | 360 | |
| Science— | | |
| Advertising | 7,132 | |
| Additional Examiners and Supervisors | 5,669 | |
| Examination Expenses—Degree and Diploma | 33,821 | |
| Faculty Expenses—Admissions Office | 20,686 | |
| S.A.T.A.C. | 18,620 | |
| General | 1,714 | |
| Special Entry Scheme | 1,723 | |
| | ----- | \$124,098 |

SCHEDULE C.

Building Repairs, Minor Reconstructions, Maintenance of Site and Gardeners' Wages—

| | | |
|---------------------------|---------|-----------|
| General | 348,501 | |
| Safety | 15,884 | |
| Maintenance of Site | 6,302 | |
| Gardeners' Wages | 92,412 | |
| | ----- | \$463,099 |

THE UNIVERSITY OF ADELAIDE

SCHEDULE D.

Scholarships and Prizes—

| Name | Opening Balance 1/1/77 | Income | Expenditure | Closing Balance 31/12/77 |
|--|------------------------------|--------|-------------|--------------------------------|
| <i>(Prizes unless indicated)</i> | | | | |
| | \$ | \$ | \$ | \$ |
| Barr Smith | 105 | 29 | — | 134 |
| Andrew Scott | 41 | 18 | 12 | 47 |
| James Gartrell | 199 | 42 | 20 | 221 |
| John Howard Clark | 1,093 | 146 | 50 | 1,189 |
| The Tormore | 124 | 26 | 12 | 138 |
| Byard | 391 | 64 | 12 | 443 |
| Sir Archibald Strong Memorial | 1,097 | 146 | 50 | 1,193 |
| Edith Hubbe and Harriet Cook | 705 | 118 | 50 | 773 |
| Bundey | 385 | 56 | — | 441 |
| M. Rees George Memorial | 288 | 48 | 20 | 316 |
| Hope Crampton | 28 | 14 | 10 | 32 |
| Violet de Mole Scholarship | 1,348 | 160 | 52 | 1,456 |
| Weimar-Ohlstrom | 78 | 39 | 36 | 81 |
| A. J. Schulz | 2,893 | 849 | 1,042 | 2,700 |
| Fred Johns Scholarship | 10,492 | 963 | — | 11,455 |
| Tinline Scholarship | 829 | 199 | 60 | 968 |
| Natalia Davies | 4 | 45 | 40 | 9 |
| Roby Fletcher | 3 | 23 | 20 | 6 |
| Jefferis Memorial Medals | 47 Dr. | 6 | 6 | —* |
| The Australian Psychological Society | 50 | 100 | 50 | 100 |
| Anna Florence Booth | 1,750 | 225 | 100 | 1,875 |
| John Lewis | 20 Dr. | 20 | 10 | 10 Dr. |
| Charles Fenner | 32 | 11 | 10 | 33 |
| Sir Archibald Grenfell Price | 57 | 15 | 10 | 62 |
| New Education Fellowship | 4 | — | 4 | — |
| Edith A. Puddy | 43 | 21 | 12 | 52 |
| Gavin David Young Lectureship Fund | 4,002 | 636 | — | 4,638 |
| John F. Kennedy Memorial Scholarship | 831 | 341 | — | 1,172 |
| E. W. Benham Prizes and Medal | 1,140 | 49 | 600 | 589 |
| J. G. Cornell | 384 | 165 | 80 | 469 |
| P. W. Rice Scholarship | 19,965 | 4,936 | 1,000 | 23,901 |
| Lynda Tapp—History | 841 | 191 | 455 | 577 |
| Pauline Price | 153 | 142 | 150 | 145 |
| Shell Prize in Applied Psychology | — | 75 | 75 | — |
| Mountford Award | 457 | 604 | — | 1,061 |
| Ernest Ayers Scholarship | 1,767 | 404 | 200 | 1,971 |
| John Bagot Scholarship and Medal | 2,227 | 227 | 45 | 2,409 |
| Elsie Marion Cornish | 524 | 73 | — | 597 |
| J. G. Wood Memorial Scholarship | 532 | 90 | 50 | 572 |
| The Rennie Scholarship | 68 | 55 | 5 | 118 |
| Tate Memorial Medal Fund | 141 | 18 | — | 159 |
| James Barrans Scholarship | 1,711 | 545 | 100 | 2,156 |
| J. R. Wilton | 52 | 12 | 20 | 44 |
| Union Carbide | — | 100 | 100 | — |
| Sir Ronald Fisher—Genetics | 395 | 111 | 25 | 481 |
| Sir Ronald Fisher Memorial Scholarship | 999 | 260 | 120 | 1,139 |
| C.S.R. Chemicals | 100 | 100 | 100 | 100 |
| R. K. Morton Scholarship | 419 | 211 | 300 | 330 |
| Ena Orrock Lewcock Award | 51 | 48 | 50 | 49 |
| Pfizer—Microbiology | 50 | — | 50 | — |
| Lynda Tapp—Physiology | 70 Dr. | 898 | 250 | 578 |
| E. A. Cornish Memorial | 102 | 87 | 50 | 139 |
| Michael Smyth Memorial | 14 Dr. | 192 | 200 | —* |
| Aman Hasan Abdi | 104 | 55 | 40 | 119 |
| Sir Kerr Grant Memorial | — | 25 | 25 | — |
| D. B. Adam Memorial | 284 | 62 | 30 | 316 |
| T. E. Barr Smith Travelling Scholarship | 4,758 | 1,850 | 3,913 | 2,695 |
| R. K. Morton Scholarship | 922 | 218 | 900 | 240 |
| Australian Institute of Agric. Science, S.A. Board | — | 20 | 20 | — |
| C. J. Everard Scholarship | 21,899 | 14,781 | 16,091 | 20,589 |
| K. P. J. Barley Memorial Award | — | 276 | — | 276 |
| Angas Engineering Exhibition | 3,151 | 796 | — | 3,947 |
| Sir Robert Chapman | 243 | 60 | 21 | 282 |
| Humes | — | 100 | 100 | — |
| Australian Welding Institute | — | 40 | 40 | — |

(Continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1977

| Name | Opening Balance 1/1/77 | Income | Expenditure | Closing Balance 31/12/77 |
|---|------------------------------|--------|-------------|--------------------------------|
| Schedule D (continued) (Prizes unless indicated) | \$ | \$ | \$ | \$ |
| James Hardie | — | 150 | 150 | — |
| The Lokan | 107 | 21 | 10 | 118 |
| E. V. Clark | 198 | 13 | 14 | 197 |
| Gerard Industries | 50 | — | 50 | — |
| E.T.S.A. | — | 21 | 21 | — |
| E.T.S.A.—Electrical Power Engineering | — | 100 | 100 | — |
| The Cable Makers Association | 42 | 21 | 42 | 21 |
| S.A. Chamber of Manufactures | — | 20 | 20 | — |
| Philips Electrical Industries | — | 120 | 120 | — |
| Sir William Goodman Scholarship | 3,615 | 657 | 367 | 3,905 |
| The Johns-Perry | 42 Dr. | 84 | 42 | — |
| Rutter Jewell-Thomas Medal and Prize | 725 | 101 | 60 | 766 |
| Albright and Wilson | — | 63 | 63 | — |
| Eso Standard Oil | 60 | 40 | 40 | 60 |
| Shell | — | 150 | 150 | — |
| Tubemakers of Aust. Ltd. | — | 50 | 50 | — |
| Union Carbide—Chemical Engineering | — | 100 | 100 | — |
| Western Mining Corporation | 93 | — | 93 | — |
| Frank Perry Scholarship—Engineering | 5,902 | 3,315 | 1,500 | 7,717† |
| Frank Bull | — | 600 | 600 | — |
| Dow Chemical (Aust.) Scholarship | — | 500 | 500 | — |
| Stow Prize and Scholarships | 13 | 88 | 90 | 11 |
| R. W. Bennett Prizes and Medal | 398 | 95 | 60 | 433 |
| Angas Parsons | 824 | 180 | 100 | 904 |
| Justin Skipper | 334 | 45 | — | 379 |
| Thomas Gepp | 415 | 57 | 20 | 452 |
| Roy Frisby Smith | 315 | 158 | 100 | 373 |
| Baker Scholarship | 10,108 | 1,435 | — | 11,543 |
| Elder Prize | — | — | 20 | —* |
| Sir Hugh Cairns Memorial | 868 | 271 | 90 | 1,049 |
| Christopher and John Campbell | 270 | 87 | 50 | 307 |
| Herbert John Wilkinson Memorial | 3,908 | 849 | 200 | 4,557 |
| Smith Kline and French | — | 100 | 100 | — |
| Dr. Davies-Thomas Scholarship | 193 | 97 | 60 | 230 |
| J. B. Cleland | 56 | 22 | 10 | 68 |
| T. L. Borthwick Memorial | 65 | 20 | — | 85 |
| The Archibald Watson | 89 | 30 | — | 119 |
| Dr. Chas. Gosse Lectureship | 4,163 | 458 | — | 4,621 |
| Everard Scholarship | 370 | 169 | — | 539 |
| The Lister | 123 | 23 | — | 146 |
| A.M.A. | 21 | — | 21 | — |
| William Gardner Scholarship | 203 | 294 | 203 | 294 |
| Mead Johnson Paediatric | 53 Dr. | 105 | — | 52 |
| Carnation Company Award | 50 | 50 | 50 | 50 |
| The Shorney | 409 | 172 | — | 581 |
| Ruth Heighway Memorial | 182 | 108 | 140 | 150 |
| Bertha H. Sudholz Scholarship | 2,412 | 455 | 40 | 2,827 |
| T. G. Wilson Travelling Scholarship | 747 | 410 | — | 1,157 |
| Roche Products | 40 Dr. | 80 | 20 | 20 |
| John Barker Scholarship | 5,053 | 789 | — | 5,842 |
| Keith Sheridan | 1,765 | 422 | 160 | 2,027 |
| Eugene Abraham Matison | 500 | 107 | — | 607 |
| H. K. Fry | 78 | 54 | — | 132 |
| Wood Jones Scalpel | 135 | 24 | — | 159 |
| Ian Furler | — | 440 | 215 | 225 |
| Thomas D. Hannon | 259 | 37 | 12 | 284 |
| Dental Board of S.A. | 240 | 181 | 80 | 341 |
| General Practice Study Group | — | 40 | 40 | — |
| Malcolm Joyner | — | 50 | 50 | — |
| Austin Bazely | 68 | 41 | — | 109 |
| Australian Dental Association | 50 | — | 50 | — |
| G. O. Lawrence—Scholarship or Fellowship | 9,911 | 4,480 | 4,500 | 9,891 |
| Australian Society of Orthodontists | 10 | — | 50 | 40 Dr. |
| Australian Society of Periodontology | — | 40 | 40 | — |

(Continued next page)

THE UNIVERSITY OF ADELAIDE
Schedules — Income and Expenditure Account 1977

| Name | Opening Balance 1/1/77 | Income | Expenditure | Closing Balance 31/12/77 |
|---|------------------------------|--------|-------------|--------------------------------|
| | \$ | \$ | \$ | \$ |
| Schedule D (continued) (Prizes unless indicated) | | | | |
| R. G. Willoughby Award | 659 | 322 | — | 981 |
| Oliver Rutherford Turner Award | 10,856 | 3,266 | — | 14,122 |
| J. L. Eustace Scholarship and Award | 3,968 | 4,102 | 223 | 7,847 |
| Professor J. H. B. Tew | 64 | 18 | 10 | 72 |
| Adelaide Chamber of Commerce | — | 21 | 21 | — |
| Economic Society | 42 Dr. | 84 | 42 | — |
| John Lorenzo Young Scholarship | 755 | 204 | 30 | 929 |
| John Creswell Scholarship | 3,025 | 402 | — | 3,427 |
| George Thompson Bursary | 453 | 54 | — | 507 |
| Archibald Mackie Bursary | 198 | 28 | — | 226 |
| Joseph Fisher Medal and Lecture | 411 Dr. | 2,947 | 820 | 1,716 |
| Australian Society of Accountants | — | 100 | 100 | — |
| Shell | — | 75 | 75 | — |
| Institute of Chartered Accountants | — | 21 | 21 | — |
| The I.B.M.—Economic Statistics | — | — | 40 | 40 Dr. |
| Kenneth and Hazel Milne Travelling Scholarship | 9,682 | 2,012 | — | 11,694 |
| The James Hardie—Architecture | 150 Dr. | 150 | — | — |
| S.A. Gas Co. | 100 | — | — | 100 |
| Clive E. Boyce Scholarship | 1,878 | 848 | — | 2,726 |
| Royal Australian Institute of Architects (S.A. Chapter) | — | 150 | 150 | — |
| Wormald Bros. | — | — | 200 | 200 Dr. |
| Australian Gypsum Plaster Award | 200 | — | 200 | — |
| Royal Australian Planning Institute | 40 | — | 20 | 20 |
| Dean W. Berry | — | 50 | 50 | — |
| Alexander Clark Memorial | 242 | 86 | — | 328 |
| Eugene Alderman Scholarship | 479 | 158 | 99 | 538 |
| Selborne Moutray Russell Scholarship | 1,075 | 291 | — | 1,366 |
| Lucy Josephine Bagot | 88 | 80 | 66 | 102 |
| J. Varley Scholarship | 1,001 | 277 | 198 | 1,080 |
| Anders and Reimers Scholarship | 973 | 243 | 99 | 1,117 |
| Robert Whinham | 79 | 25 | — | 104 |
| Gladys Lloyd Thomas Scholarship | 245 | 107 | 72 | 280 |
| E. Harold Davies Fund | 393 | 124 | 81 | 436 |
| Florence Cooke Violin | 53 | 21 | — | 74 |
| Dr. Ruby Davy Scholarship | 250 | 89 | — | 339 |
| Guli Magarey Scholarship | 223 | 89 | 110 | 202 |
| Frederick Bevan Memorial Scholarship | 349 | 148 | 99 | 398 |
| Elder Overseas Scholarship | — | 1,590 | 1,590 | — |
| Maude Puddy Scholarship | 362 | 130 | 81 | 411 |
| Athol Lykke Award | 429 | 236 | — | 665 |
| Lienau | 151 | 96 | 75 | 172 |
| Clement Q. Williams | 174 | 87 | 70 | 191 |
| William Silver Scholarship | 990 | 301 | 99 | 1,192 |
| Mrs. Arno Pontt (May Gepp) Scholarship | 143 | 79 | 66 | 156 |
| Norman Chinner Scholarship | 97 | 99 | 144 | 52 |
| Frederick E. Baxendale Scholarship | 520 | 165 | 318 | 367 |
| Daisy Burmeister Salotti Scholarships | 2,220 | 453 | 300 | 2,373 |
| Angela Lakin Memorial Scholarship | 632 | 201 | — | 833 |
| Alex Bernard Scholarship | 632 | 152 | 150 | 634 |
| Josephine Christiansen Organ Bursary | 258 | 94 | — | 352 |
| H. Brewster-Jones | 37 | 38 | — | 75 |
| George Murray Scholarships | 9,712 | 35,000 | 34,726 | 9,986 |
| Chapman Memorial Scholarship | 1,458 | 382 | 200 | 1,640 |
| W. Donnithorne Award | 6,433 | 926 | — | 7,359 |
| Baillieu Research Scholarship | 8,341 | 1,738 | — | 10,079 |
| David Murray Scholarship | 502 | 626 | 300 | 828 |
| John L. Young Scholarship | 559 | 263 | 270 | 552 |
| St. Alban Scholarship | 359 | 47 | — | 406 |
| United Nations | 885 | 77 | — | 962 |
| Hartley Studentship | 397 | 110 | 70 | 437 |
| William Culross | 608 Dr. | 1,108 | 500 | — |
| Thornber Bursary | 266 | 82 | 45 | 303 |
| J. E. Jenkins Scholarship | 1,567 | 1,349 | 600 | 2,316 |
| Eva Lines Memorial Scholarship | 886 | 133 | 30 | 989 |

(Continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1977

| Name | Opening Balance 1/1/77 | Income | Expenditure | Closing Balance 31/12/77 |
|---|---------------------------|-----------|-------------|-----------------------------|
| | \$ | \$ | \$ | \$ |
| Schedule D (continued) (Prizes unless indicated) | | | | |
| Eric Smith Scholarship | 321 | 116 | — | 437 |
| E. W. Way Lectureship | 1,151 | — | 1,151 | — |
| Mabel Tapp—Matric. Maths | 507 | 76 | 352 | 231 |
| J. R. Barker Estate | 2,853 | 1,354 | 300 | 3,907 |
| George Fraser Scholarship | — | 7,927 | 4,250 | 3,677 |
| | \$224,381 | \$122,552 | \$86,069 | \$260,953 |

| | \$ | \$ | \$ |
|---|----|---------|------------------|
| Expenditure | | | 86,069 |
| Add—Excess of Closing Balances over Opening Balances | | 260,953 | |
| | | 224,381 | |
| | | | 36,572 |
| | | | <u>\$122,641</u> |

* The closing balances of these Scholarship Accounts have been transferred to the Income and Expenditure Account (\$89).

† Expenditure recorded for this Scholarship is the sum of \$1,500 capitalized during the year.

SCHEDULE E.

General Expenses—

| | |
|--|------------------|
| Collection of Rubbish | 8,897 |
| Caretaking and Cleaning Materials | 60,294 |
| Miscellaneous Charges | 22,521 |
| Printing and Stationery—General | 154,018 |
| Advertising—General | 6,864 |
| Bank Charges, Duty Stamps and Exchange | 7,564 |
| Postages and Telegrams | 95,141 |
| Maintenance of Office Machines | 11,930 |
| Auditors' Fees and Legal Expenses | 15,807 |
| Senate, Convocation of Electors, Graduate Elections, etc. | 4,257 |
| Overseas Study Awards (Ancillary Staff) .. | 2,000 |
| Calendar—Production | 64,950 |
| Superannuation Consultant's Fees | 5,000 |
| Laundry Services | 12,227 |
| Travelling Expenses | 4,937 |
| Australian Vice-Chancellors' Committee— Expenses | 23,480 |
| Job Evaluation Study | 21,000 |
| Administration Car Expenses | 4,049 |
| Entertainment Expenses | 20,920 |
| Rent of Premises—North Tce., Hindmarsh Sq. & Richmond Arcade .. | 9,273 |
| Contribution to C.D.A. Service Contract .. | 53,000 |
| Compulsory Excursions | 13,347 |
| Teaching Hospital Fees | 7,503 |
| Dental Hospital Fees | 11,377 |
| Dental Equipment and Microscope Hire .. | 2,844 |
| Pest Control | 8,494 |
| | <u>651,694</u> |
| Deduct: | |
| Discount Received | 2,341 |
| | <u>\$649,353</u> |

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1977

SCHEDULE F.

Engineering Services and Insurance—

| | | |
|---|--------------|--------------------|
| Electricity | 328,141 | |
| Gas | 11,125 | |
| Water | 95,746 | |
| Fire Protection Charges | 11,103 | |
| Heating Oil | 19,199 | |
| Heating, Ventilation & Air Conditioning | 63,189 | |
| Maintenance of Lifts | 48,332 | |
| Telephones | 252,423 | |
| Insurance—General | 153,162 | |
| Insurance—Workmen's Compensation | 88,413 | |
| | <u>-----</u> | <u>\$1,070,833</u> |

SCHEDULE G.

Special Grants—

| | | |
|---|--------------|-----------------|
| Publications Fund | 26,900 | |
| The University of Adelaide Club | 1,500 | |
| Theatre Guild | 1,000 | |
| South Australian Postgraduate Medical Association Inc. | 12,600 | |
| Planning | 20,580 | |
| Australian Institute of Nuclear Science and Engineering | 6,000 | |
| Adelaide University Regimental Band | 100 | |
| Waite Institute Cafeteria | 6,215 | |
| University of Adelaide Women's Club | 100 | |
| | <u>-----</u> | <u>\$74,995</u> |

1977—INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES
DEPARTMENTAL FUNDS EXPENDED—1977

WAITE INSTITUTE
SCHEDULE H

| FACULTY and Department | Salaries and Wages | Laboratory Maintenance | RESEARCH | | | TOTAL \$ |
|---------------------------------------|-----------------------|---------------------------|-----------------------|-------------|---------|-------------|
| | | | Salaries and Wages | Maintenance | Travel | |
| <i>AGRICULTURAL SCIENCE</i> | | | | | | |
| Agricultural Biochemistry | 397,715 | 13,964 | 6,957 | 3,960 | 225 | 422,821 |
| Agronomy and Plant Breeding | 436,593 | 14,097 | 5,886 | 6,542 | 33 | 463,151 |
| Animal Physiology | 154,963 | 7,601 | 2,737 | 2,513 | 180 | 167,994 |
| Entomology | 313,032 | 10,462 | 26,601 | 5,309 | 141 | 355,545 |
| Plant Pathology | 363,570 | 8,763 | 9,064 | 3,633 | 645 | 385,675 |
| Plant Physiology | 208,776 | 7,149 | 9,583 | 3,284 | — | 228,792 |
| Soil Science | 97,136 | 4,556 | — | 2,055 | 219 | 103,966 |
| <i>MISCELLANEOUS</i> | | | | | | |
| Animal Facilities | — | 4,421 | — | — | — | 4,421 |
| Biometry | — | 3,650 | 24,371 | — | — | 28,021 |
| Electron Microscope | — | 404 | — | — | — | 404 |
| Engineering Workshop | — | 102 | — | — | — | 102 |
| Glasshouses | — | 3,987 | — | — | — | 3,987 |
| Administration and Director's Fund | — | 799 | 6,267 | 225 | — | 7,291 |
| Radiation Hazards Committee | — | 95 | — | — | — | 95 |
| Meteorology Station | — | 40 | — | — | — | 40 |
| Faculty Laboratory | — | 8,364 | — | — | — | 8,364 |
| South Wing Basement | — | 1,220 | — | — | — | 1,220 |
| Laboratory Photocopying | — | 2,920 | — | — | — | 2,920 |
| | \$1,971,785 | \$92,594 | \$91,466 | \$27,521 | \$1,443 | \$2,184,809 |

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account 1977

EXPENDITURE — WAITE AGRICULTURAL RESEARCH INSTITUTE

| SCHEDULE I. | \$ | \$ | \$ |
|---|----|---------|------------------|
| <i>Building Repairs, Minor Reconstructions, Maintenance of Site and Gardeners' Wages—</i> | | | |
| Miscellaneous | | 43,950 | |
| Houses and Cottages | | 7,752 | |
| Buildings General | | 15,575 | |
| Minor Works | | 7,010 | |
| Maintenance of Site | | 8,222 | |
| Gardeners' Wages | | 25,596 | |
| | | | <u>\$108,105</u> |
| SCHEDULE J. | | | |
| <i>General Expenses—</i> | | | |
| Printing and Stationery | | 25,068 | |
| Photography | | 2,229 | |
| <i>Travelling Expenses—</i> | | | |
| Administration (General) | | 6,046 | |
| Agricultural Biochemistry | | 731 | |
| Agronomy | | 5,965 | |
| Animal Physiology | | 1,716 | |
| Entomology | | 7,701 | |
| Faculty | | 1,775 | |
| Plant Pathology | | 4,039 | |
| Plant Physiology | | 1,139 | |
| Soil Science | | 800 | |
| Safety Committee | | 405 | |
| Postages | | 14,340 | |
| Laundry Services | | 2,192 | |
| Cleaners' Materials | | 2,986 | |
| Sundries | | 23,277 | |
| Workshops' Overhead | | 1,305 | |
| | | | <u>\$101,714</u> |
| SCHEDULE K. | | | |
| <i>Engineering Services and Insurance—</i> | | | |
| Electricity | | 124,073 | |
| Gas | | 1,584 | |
| Heating Oil | | 2,891 | |
| Telephone Charges | | 36,545 | |
| Water | | 31,752 | |
| Insurance—General | | 15,198 | |
| Insurance—Workmen's Compensation | | 19,011 | |
| | | | <u>\$231,054</u> |

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1977

| INCOME – NORTH TERRACE | | \$ | \$ |
|--|-------|---------|---------|
| SCHEDULE L. | | | |
| <i>Other Income—</i> | | | |
| Calendar Sales | ..... | 2,126 | |
| Hire of Rooms | ..... | 3,027 | |
| Statements of Academic Record | ..... | 3,396 | |
| W.E.A. Office Rent | ..... | 1,000 | |
| Commission | ..... | 9,309 | |
| Late Fees | ..... | 5,860 | |
| Computing Centre | ..... | 157,548 | |
| Anatomy (S.A.I.T.) Special Subsidy | ..... | 64,555 | |
| Administration charge refund P.E.M. | ..... | 4,258 | |
| | | 251,079 | 251,079 |
| <i>External Scholarships and Prizes—</i> | | | |
| Australian Psychological Society Prize | ..... | 100 | |
| The Shell Prize in Applied Psychology | ..... | 75 | |
| Sir Roland Fisher Prize in Genetics | ..... | 60 | |
| Union Carbide Prize in Chemistry | ..... | 100 | |
| C.S.R. Chemicals Prize | ..... | 100 | |
| The Humes Prize in Civil Engineering | ..... | 100 | |
| The Australian Welding Institute Prize | ..... | 40 | |
| James Hardie Prize in Civil Engineering | ..... | 150 | |
| E.T.S.A. Prize in Electric Engineering | ..... | 21 | |
| E.T.S.A. Prize in Electric Power | ..... | 100 | |
| Johns Perry Prize | ..... | 84 | |
| Mead Johnson Paediatric Prize | ..... | 105 | |
| Philips Industries Prizes in Electronics | ..... | 120 | |
| Frank Bull Scholarship in Civil Engineering | ..... | 600 | |
| Albright & Wilson Prize in Chemical Engineering Design | ..... | 63 | |
| Roche Products Prizes | ..... | 80 | |
| Esso Standard Oil (Aust.) Pty. Ltd. Prize | ..... | 40 | |
| The Shell Prizes in Engineering | ..... | 150 | |
| The Tubemakers of Aust. Ltd. Prize for Engineering Management | ..... | 50 | |
| Union Carbide Prize in Chemical Engineering | ..... | 100 | |
| Malcolm Joyner Prize | ..... | 50 | |
| Frank Perry Scholarship in Engineering | ..... | 2,880 | |
| Smith Kline & French Prize in Microbiology | ..... | 100 | |
| General Practice Study Group Prize | ..... | 40 | |
| Dow Chemical (Australia) Scholarship | ..... | 500 | |
| The Carnation Company Award | ..... | 50 | |
| Australian Society of Periodontology Prize | ..... | 40 | |
| Cable Makers Association Prize | ..... | 21 | |
| Sir Kerr Grant Memorial Prize | ..... | 25 | |
| Australian Institute for Agricultural Science Prize | ..... | 20 | |
| Chamber of Commerce & Industry | ..... | 20 | |
| J. L. Eustace Memorial Scholarship & Awards | ..... | 1,091 | |
| John Lewis Prize in Geography | ..... | 20 | |
| Lynda Tapp Prize in Physiology | ..... | 457 | |
| Michael Smyth Memorial Prize | ..... | 192 | |
| K. P. J. Barley Memorial Award | ..... | 272 | |
| Oliver Rutherford Turner Award | ..... | 236 | |
| Adelaide Chamber of Commerce Prize | ..... | 21 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account 1977

| External Scholarships and Prizes—(Cont'd) | \$ | \$ |
|--|-------|-------------|
| John Lorenzo Young Scholarship | 105 | |
| Australian Society of Accountants Prize | 100 | |
| Australian Institute of Chartered Accountants Prize | 21 | |
| Economic Society Prize | 84 | |
| The Shell Prize in Economic Theory | 75 | |
| Royal Australian Institute of Architects S.A. Chapter Prize | 150 | |
| Elder Overseas Scholarship .. | 1,518 | |
| Dean W. Berry Prize | 50 | |
| James Hardie Prize .. | 150 | |
| Josephine Christiansen Organ Bursary | 75 | |
| William Culross Prize | 1,072 | |
| George Fraser Scholarship | 3,936 | |
| Dental Board of S.A. ... | 55 | |
| | <hr/> | 15,664 |
| | | <hr/> <hr/> |
| | | \$266,743 |

INCOME — WAITE AGRICULTURAL RESEARCH INSTITUTE

SCHEDULE M.

Interest and Dividends—

| | | |
|------------------------------------|--------|-------------|
| Peter Waite Trust Fund | 12,062 | |
| Elizabeth MacMeikan Estate | 8,100 | |
| Hugh Hughes Estate .. | 7,255 | |
| W. D. Grigg Estate | 249 | |
| W. H. Sandland Estate | 4,775 | |
| L. M. Owen-Smyth Estate | 118 | |
| Sydney Gilmour Cooper Estate | 1,258 | |
| | <hr/> | \$33,817 |
| | | <hr/> <hr/> |

SCHEDULE N.

Sundry Income—

| | | |
|-------------|-------|-------------|
| Sales | 108 | |
| Rents | 1,024 | |
| | <hr/> | \$1,132 |
| | | <hr/> <hr/> |

THE UNIVERSITY

Statement of Balances of Capital

LIABILITIES AND TRUSTS

NORTH TERRACE

| | <i>Schedule</i> | 1977 | 1976 |
|--|-----------------|------------|------------|
| | | \$ | \$ |
| <i>Endowments and Grants—</i> | | | |
| General | (1) | 4,793,287 | 4,588,449 |
| Sale of Country Land | | 80,000 | 80,000 |
| Sale of Alverstoake Estate | | 24,000 | 24,000 |
| Grants, Donations for University Site (2) | | 23,552 | 23,552 |
| <i>Contributions to Buildings and Fittings:</i> | | | |
| Government of South Australia | | 8,312,323 | 8,312,323 |
| Commonwealth Government | | 12,632,363 | 12,259,504 |
| Accumulated Funds | | 1,345,800 | 1,575,517 |
| University Union Building Appeal | | 215,893 | 215,893 |
| Sundry Donations | (3) | 56,607 | 56,607 |
| E. W. Benham Estate for Henry Moore Sculpture | | 21,019 | 21,019 |
| Union Contribution—Union Complex | | 983,485 | 1,107,308 |
| | | 28,488,329 | 28,264,172 |
| <i>Reserves and Special Funds—</i> | | | |
| Invalidity Scheme Fund | | 234,088 | 232,225 |
| Personal Superannuation Accounts | | 5,418,191 | 4,517,347 |
| Ancillary Staff Superannuation | | 1,172,248 | 995,489 |
| Fund for Replacement of Major Plant | | 64,860 | 64,860 |
| Surplus Proceeds Sale of Shares | | 94,894 | 94,894 |
| Provision for Realization of Investment Properties | | 160,456 | 160,456 |
| Motor Vehicle Replacement Fund | | 805 | 3,530 |
| Commonwealth Government Grants for Buildings, Fittings and Major Equipment: | | 3,595,511 | 367,443 |
| Accumulated Funds for Building Projects | | 75,301 | 67,455 |
| Bank of Adelaide—Current Account | | 1,367,841 | 1,228,050 |
| Scholarship Funds | (4) | 261,243 | 225,879 |
| Library Funds | (5) | 46,596 | 42,283 |
| Special Funds | (6) | 4,488,087 | 3,794,431 |
| | | 16,980,121 | 11,794,342 |
| Carried forward | | 45,468,450 | 40,058,514 |

OF ADELAIDE

Accounts as at 31 December, 1977

| ASSETS | | | |
|--|----------|------------|------------|
| NORTH TERRACE | | | |
| | Schedule | 1977 | 1976 |
| | | \$ | \$ |
| <i>Investment of Endowments and Grants—</i> | | | |
| Commonwealth Inscribed Stock | (15) | 201,210 | 201,210 |
| Share and Stock Investments | (15) | 3,965,275 | 3,772,169 |
| University Site | | 23,552 | 23,552 |
| University Buildings | (16) | 23,812,238 | 23,802,466 |
| Other Land and Buildings | (17) | 365,673 | 343,733 |
| Advances on Mortgage | | — | 661 |
| Funds held by Trustees | (18) | 120,381 | 120,381 |
| | | ----- | ----- |
| | | 28,488,329 | 28,264,172 |
| <i>Investment of Reserves and Special Funds—</i> | | | |
| S.A. Gas Company Bonds .. | | 6,278,000 | 4,678,000 |
| S.A. Housing Trust Debentures | | 250,000 | 250,000 |
| Composite Fund Investments | | 3,672,068 | 3,977,384 |
| Current Balances: | | | |
| Invested on Deposit with Treasury | | | |
| of S.A. | | 181,397 | 88,309 |
| Irving Trust Company, N.Y. | | 1,584 | 21,063 |
| Agent General for S.A., London | | 7,517 | 13,365 |
| Cash and Debtors | (19) | 1,550,772 | 1,544,858 |
| Buildings in Progress | (20) | 4,883,815 | 770,289 |
| Income and Expenditure— | | | |
| Appropriation Account | (21) | 154,968 | 451,074 |
| | | ----- | ----- |
| | | 16,980,121 | 11,794,342 |
| Carried forward | | ----- | ----- |
| | | 45,468,450 | 40,058,514 |

THE UNIVERSITY
Statement of Balances of Capital

| LIABILITIES AND TRUSTS | | | |
|---|----------|--------------|--------------|
| NORTH TERRACE | Schedule | 1977 | 1976 |
| | | \$ | \$ |
| Brought forward | | 45,468,450 | 40,058,514 |
| <i>Funds Expended on Equipment—</i> | | | |
| Contributed from Accumulated Income | | 485,070 | 478,575 |
| Donations for Equipment | (7) | 4,419,877 | 4,519,081 |
| Donations for Library | (8) | 234,445 | 232,609 |
| <i>Funds Provided by Government of S.A.—</i> | | | |
| Library | | 3,440,043 | 3,391,229 |
| Literary Equipment (1973-5 Triennium) | | — | 48,814 |
| Equipment (minor) and Furniture | | 4,572,668 | 4,372,905 |
| Equipment (major) | | 462,295 | 462,295 |
| Equipment (1973-5 Triennium) | | — | 495,706 |
| <i>Funds Provided by Commonwealth Government—</i> | | | |
| Library Books | | 3,009,131 | 1,820,377 |
| Literary Equipment (1973-5 Triennium) | | — | 284,999 |
| Equipment (minor) and Furniture | | 5,072,254 | 1,026,134 |
| Equipment (major) | | 815,586 | 995,856 |
| Equipment (1973-5 Triennium) | | — | 3,035,071 |
| | | 22,511,369 | 21,163,651 |
| WAITE AGRICULTURAL RESEARCH INSTITUTE | | | |
| Endowments—General | (9) | 1,159,606 | 1,173,529 |
| Endowments for Laboratories | (10) | 70,000 | 70,000 |
| Donations | (11) | 1,730,989 | 1,622,399 |
| Contributed from Accumulated Income | | 229,438 | 185,393 |
| Unexpended Funds | (12) | 439,216 | 471,126 |
| Motor Vehicle Replacement Fund | | — | 13,771 |
| Funds provided for Buildings, Fittings and Equipment: | | | |
| Government of S.A. | (13) | 1,955,821 | 1,988,319 |
| Commonwealth Government .. | (14) | 1,768,881 | 1,429,116 |
| | | 7,353,951 | 6,953,653 |
| ANTI-CANCER FOUNDATION | | | |
| Capital Account | | — | 75,798 |
| Government Grant—Linear Accelerator | | — | 32,000 |
| Cytology Service—Accumulated Balance .. | | 50,839 | 50,839 |
| Equipment Fund | | 40,407 | 35,656 |
| Investment Funds held by University (see note below) | | 359,691 | 269,242 |
| Long Service Leave Provision | | 46,119 | 33,619 |
| Donations | | 259,868 | 169,263 |
| | | 756,924 | 666,417 |
| | | \$76,090,694 | \$68,842,235 |

Note: Endowments held by the University for the Anti-Cancer Foundation are recorded in Schedule 1 Pages 1258 & 1259 of the Financial Statements.

OF ADELAIDE

Accounts as at 31 December, 1977

| | | ASSETS | | |
|--|---|------------|--------------|--------------|
| NORTH TERRACE | | Schedule | 1977 | 1976 |
| | | | \$ | \$ |
| | Brought forward | ..... | 45,468,450 | 40,058,514 |
| <i>Equipment—</i> | | | | |
| | Equipment and Furniture | (22) | 15,654,999 | 15,212,872 |
| | Library Books and Binding | (23) | 6,856,370 | 5,950,779 |
| | | | 22,511,369 | 21,163,651 |
| WAITE AGRICULTURAL RESEARCH INSTITUTE | | | | |
| | Composite Fund Investments | ..... | 734,941 | 820,478 |
| | Share and Stock Investments | (24) | 1,885 | 1,835 |
| | Funds held by Trustees | (25) | 230,207 | 230,207 |
| | Land, Urrbrae House | (26) | 108,909 | 108,909 |
| | Mortlock Experiment Land | ..... | 63,270 | 63,270 |
| | Buildings | (27) | 2,363,453 | 2,303,543 |
| | Equipment, Furniture and Stocks | (28) | 3,109,712 | 2,736,007 |
| | Library | (29) | 501,482 | 445,195 |
| | Current Balances—Cash, Debtors | (30) | 240,092 | 244,209 |
| | | | 7,353,951 | 6,953,653 |
| ANTI-CANCER FOUNDATION | | | | |
| | S.A. Gas Company Bonds 6½% 1978 | ..... | 100,000 | 100,000 |
| | Blue Metal Industries Ltd.— | | | |
| | Debentures 14% 1980 | ..... | 40,000 | 40,000 |
| | Lombard Aust. Ltd.—Debentures 13·5% | ..... | 20,000 | 20,000 |
| | Telecom Australia—Debentures 10·9% | ..... | 60,000 | — |
| | Finance Corporation of Aust.—Debentures | ..... | 50,000 | 50,000 |
| | Cowell's Ltd.—Debentures 13% | ..... | 13,700 | 13,700 |
| | Wallace Sassoon Ltd.—Deposit | ..... | 43,000 | 43,000 |
| | General Investments | ..... | 200,357 | 134,900 |
| | Current Account | ..... | 127,155 | 57,643 |
| | Linear Accelerator | ..... | 17,000 | 139,410 |
| | Fire Protection System | ..... | 3,000 | 3,000 |
| | Hostel (Building and Furniture) | ..... | 29,108 | 29,108 |
| | Equipment | ..... | 40,407 | 35,656 |
| | Capital Account | ..... | 13,170 | — |
| | Lord Mayor's 1978 Cancer Appeal | ..... | 27 | — |
| | | | 756,924 | 666,417 |
| | | | \$76,090,694 | \$68,842,235 |

LIABILITIES AND TRUSTS

Contingent Liabilities

In respect of guarantees given by the University for Staff Housing.

Liability for Long Service, Holiday and Sick Leave, and Entitlements under the Supplementary Superannuation Scheme.

The Commonwealth Government provides from recurrent grants the funds for Long Service, Holiday and Sick Leave, and entitlements under the Supplementary Superannuation Scheme in the year the expenditure is incurred. No provision therefore has been made in the accounts by way of contingency funds for these liabilities.

Contingency

Bequests in Deceased Estates, subject to Life and Other Interests:

C. Phillipson
 G. M. Dowling
 L. A. Shanasy
 R. A. M. McConnochie
 E. C. E. Munton
 G. E. I. Borthwick
 M. F. Simms
 F. Beeching
 P. S. Hossfeld
 R. M. Laffer
 J. S. Davies
 C. T. K. Turner
 W. H. Essex
 C. T. Fisher
 H. Hughes (Balance)
 E. MacMeikan (Balance)
 R. F. Mortlock (Balance)
 P. Waite (Balance)
 R. T. Melrose (Balance)
 W. H. Sandland (Balance)

We report that we have examined the above statement showing the financial position of The University of Adelaide in respect of Capital Funds as on 31 December 1977, and have compared same with the entries in the various Books of Account and other records relating to the affairs of the University, and as a result of our examina-

OF ADELAIDE

Accounts as at 31 December, 1977

ASSETS

Contingency

Bequests in Deceased Estates, subject to Life and Other Interests:

As listed opposite

W. MEIKLEJOHN,
Bursar.

tion and audit we do certify that the above statement is a correct abstract of the Books of Account. We further report that the securities, etcetera, representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been verified by us.

YARWOOD VANE & CO., Chartered Accountants.

TOUCHE ROSS & CO., Chartered Accountants.

Adelaide, 21 April, 1978.

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

LIABILITIES AND TRUSTS – NORTH TERRACE

SCHEDULE I.

Endowments—

| | \$ | \$ |
|---|-------------------|---------|
| Sir George Murray (for General Purposes) | | 172,534 |
| Miss M. T. Murray (for General Purposes) | | 106,615 |
| Sir Thomas Elder (for Medical School) | | 60,000 |
| Sir Thomas Elder (for General Purposes) | | 51,200 |
| Sir Thomas Elder (for Music School) | | 40,000 |
| Sir Thomas Elder (for Mathematics and Natural Science) | 40,000 | |
| Sir Walter Watson Hughes (for Classics and Philosophy) | 40,000 | |
| | <u> </u> | 80,000 |
| Sir Langdon Bonython (for Great Hall) | | 104,660 |
| Sir Langdon Bonython (for Law School) | | 40,000 |
| Dr. F. Lucas Benham (Benham Laboratories) | | 102,808 |
| Gwen Michell Foundation (for Medical Research) ... | | 101,000 |
| Gwen Michell Foundation (for Medical Research) ... | | 223,000 |
| T. E. Barr Smith (for Library Building) | | 69,437 |
| T. E. Barr Smith (for Library Fund) | | 20,000 |
| T. E. Barr Smith (for Scholarship in Agricultural Science) | | 27,750 |
| Barr Smith Library Fund—No. 1 Account | | 22,000 |
| S. McGregor Reid | | 54,188 |
| Jean B. Reid | | 133,853 |
| Keith Sheridan Fund (for Medical Research) | | 241,089 |
| Mrs. Jane Marks (for Chair in Pathology) | | 60,000 |
| Sir William Mitchell (for Chair in Biochemistry) | | 40,000 |
| Sir William Mitchell (for Library Fund) | | 10,000 |
| For Union Buildings: | | |
| Public Donations | 32,804 | |
| Sir George Murray | 20,541 | |
| Sir Josiah Symon (for Lady Symon Building) ... | 19,000 | |
| | <u> </u> | 72,345 |
| S. D. Holdsworth Estate | | 72,418 |
| Reginald Walker Bequest | | 74,912 |
| Sewell Myers Research Bequest | | 40,000 |
| G. Gollin Estate | | 40,000 |
| Family of the Late John Darling (for Darling Building) | 30,000 | |
| Sir George Murray (used for Darling Building) | 2,000 | |
| | <u> </u> | 32,000 |
| Mrs. G. A. Jury (for Chair in English Literature) | | 24,000 |
| R. L. Johnson (for Chemical Laboratory) | | 24,000 |
| J. H. Angas (for Chair in Chemistry) | | 12,000 |
| J. H. Angas (for Engineering Scholarship) | | 8,000 |
| Broken Hill Pty. Co. Ltd. (for Chair in Mining and Metallurgy) | | 30,000 |
| For Chairs in Engineering: | | |
| Broken Hill Pty. Co. Ltd. | 10,000 | |
| General Motors-Holden's Pty. Ltd. | 10,000 | |
| Adelaide Electric Supply Co. Ltd. | 10,000 | |
| Sir Edward Holden | 5,000 | |
| Tenax Investments Ltd. | 5,000 | |
| Richards Industries Ltd. | 4,000 | |
| British Tube Mills (Aust.) Pty. Ltd. | 4,000 | |
| Kelvinator Australia Ltd. ... | 2,000 | |
| | <u> </u> | 50,000 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 1 (continued) | \$ | \$ |
|--|---------|---------|
| For Chair in Economic and Mining Geology: | | |
| North Broken Hill Ltd. | 36,539 | |
| Broken Hill Pty. Co. Ltd. | 20,879 | |
| Broken Hill South Ltd. | 20,879 | |
| Zinc Corporation Ltd. | 20,879 | |
| New Broken Hill Consolidated Ltd. | 5,220 | |
| | 104,396 | 104,396 |
| Animal Products Research Foundation | | 21,000 |
| J. E. Jenkins Scholarships Fund | | 17,590 |
| Dr. A. J. Schulz Bequest | | 15,000 |
| Sir Joseph Verco (for Medical Science Research) | | 10,000 |
| Sir Joseph Verco (for Medical School) | | 4,332 |
| Sir Joseph Verco (for Dental School) | | 4,332 |
| Kenneth and Hazel Milne Travelling Scholarship— | | |
| Architecture | | 10,000 |
| F. W. H. Wheadon (for Observatory Building) | | 10,674 |
| Baillieu Scholarship Fund | | 16,000 |
| Baker Scholarship Fund | | 10,000 |
| Clive E. Boyce Fund | | 10,000 |
| Sir William G. T. Goodman | | 8,000 |
| James Barrans Scholarship Fund | | 6,000 |
| John Barker | | 6,000 |
| Donnithorne Awards Fund | | 6,528 |
| Herbert John Wilkinson Memorial Prize Fund | | 8,047 |
| T. G. Wilson Scholarship Fund | | 5,000 |
| Gavin David Young Lectures Fund | | 4,907 |
| R. K. Morton Memorial Fund | | 5,410 |
| William Gardner Scholarship Fund | | 4,098 |
| Anonymous Donation Staff Common Room | | 2,747 |
| David Murray Scholarship Fund | | 8,500 |
| Nickel Mines of Australia No Liability | | 1,818 |
| Department of Health Capital Grant | | |
| (for Physical Education) | | 4,000 |
| Bertha H. Sudholz | | 4,000 |
| Public Donations (for Buildings) | | 3,781 |
| Athol Lykke Fund (for Postgraduate Studies in Music) | | 3,720 |
| William Silver Memorial Fund | | 3,300 |
| Chapman Memorial Fund | | 4,000 |
| Fred Johns Scholarship Fund | | 3,000 |
| Creswell Scholarships Fund | | 2,600 |
| Sir Ronald Fisher Memorial Scholarship Fund | | 2,735 |
| Sir Samuel Way P.C. (for General Purposes) | | 2,554 |
| Ernest Ayers Scholarship Fund | | 4,000 |
| John F. Kennedy Memorial Fund Appeal | | 3,946 |
| Public Donations (for Evening Classes) | | 2,440 |
| Sir Hugh Cairns Memorial Fund | | 3,000 |
| Dr. Charles Gosse Lectureship Fund | | 2,250 |
| Rose Grainger Orchestral Fund | | 2,152 |
| Everard Scholarship Fund | | 2,000 |
| Joseph Fisher (Lecture and Medal Fund) | | 12,500 |
| Shorney Memorial Library Fund | | 2,000 |
| Tinline Scholarship Fund | | 2,000 |
| John L. Young Scholarship Fund | | 3,300 |
| Shorney Prize and Medal Fund | | 2,000 |
| Selborne Moutray Russell Scholarship Fund | | 3,000 |
| Varley Scholarship Fund | | 3,000 |
| Sir Mark Mitchell Donation towards furnishing New | | |
| Council Room | | 2,000 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 1 (continued) | \$ | \$ |
|--|--------|--------|
| Roy Frisby Smith Prize Fund | | 2,000 |
| Sir Mark Mitchell (for Animal Culture House) | | 1,847 |
| The Angas Parsons Prize Fund | | 1,800 |
| S.A. Orchestra Permanent Fund | | 1,746 |
| Anders and Reimers Scholarships Fund | | 2,500 |
| Elizabeth Jackson Memorial Library Fund | | 1,500 |
| Anna Florence Booth Prize Fund | | 1,500 |
| Eugene Alderman Scholarship Fund | | 1,800 |
| Ruth Heighway Memorial Prize Fund | | 1,408 |
| Sydney Norman Bequest | | 1,400 |
| Eric Smith Scholarship Fund | | 1,300 |
| Lady Barr Smith Memorial Fellowship | | 21,000 |
| For Anti-Cancer Foundation: | | |
| Edward Neale | 55,891 | |
| Emma Jeffress | 12,195 | |
| Olive Eva Braund | 10,746 | |
| Mrs. E. C. Hoare | 11,538 | |
| Mrs. Rosye F. Mortlock | 10,172 | |
| The Crocombe Family Bequest | 7,443 | |
| E. H. Cobleby | 5,406 | |
| Laura E. Bateman | 5,107 | |
| Mrs. H. L. Heuzenroeder | 5,692 | |
| Robert T. Melrose | 4,583 | |
| Mrs. Isobel Young | 4,497 | |
| Mrs. M. August | 3,672 | |
| E. Mills | 4,055 | |
| E. F. Hern | 2,314 | |
| Various Benefactors | 1,505 | |
| Ruby Chambers | 975 | |
| J. Grinberg | 200 | |
| R. A. James | 2,721 | |
| J. J. Healey | 27,175 | |
| L. C. Ward | 2,824 | |
| T. C. Dienhoff | 292 | |
| J. E. Dunstan | 1,500 | |
| E. Messent | 727 | |
| J. R. Nice | 377 | |
| D. I. A. Moore | 18,384 | |
| E. Parker | 5,000 | |
| M. E. Dutschke | 5,168 | |
| J. R. Laffer | 10,000 | |
| E. M. Stempel | 3,072 | |
| H. A. Trigg | 7,320 | |
| B. T. Kleinig | 2,000 | |
| Various Benefactors | 1,050 | |
| E. C. Madle | 15,095 | |
| D. Horrocks | 16,000 | |
| A. A. G. Martin | 2,135 | |
| D. V. Hennig | 3,000 | |
| E. M. Hansford | 5,593 | |
| E. O'Dea | 944 | |
| R. M. L. Gummow | 74,462 | |
| D. Price | 2,892 | |
| S. Grigg | 4,299 | |
| M. Francis | 400 | |
| D. E. Caporn | 462 | |
| S. I. Robinson | 3,521 | |
| S. K. E. Gordon | 7,517 | |
| A. P. Manuel | 1,176 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 1 (continued) | \$ | \$ |
|--|--------|---------|
| A. Q. Rawe | 1,000 | |
| W. Cain | 1,000 | |
| J. F. Summers | 4,602 | |
| A. B. Aldam | 58,652 | |
| Mary Martin | 600 | |
| L. T. Harding | 10,000 | |
| C. M. Alexander | 7,711 | |
| T. A. Coombe | 28,855 | |
| Allison McLachlan | 32,500 | |
| H. E. Aldersey | 51,292 | |
| E. D. Gould | 500 | |
| O. Ades | 3,000 | |
| S. A. Duck | 200 | |
| C. D. Odlum | 8,543 | |
| M. M. Puddy | 28,138 | |
| M. Stevenson | 400 | |
| P. A. Jones | 2,021 | |
| S. Easton | 500 | |
| Andrew Tennant | 2,000 | |
| E. J. McKay | 500 | |
| E. G. Sadleir | 1,000 | |
| P. Lloyd | 33,313 | |
| A. M. Wheatland | 5,635 | |
| R. M. Schleter | 3,600 | |
| M. I. Hatwell | 16,490 | |
| K. Tyzska | 32,821 | |
| E. Symmons | 1,229 | |
| V. M. Ballinger | 38,684 | |
| | <hr/> | |
| | | 745,877 |
| Stow Prizes and Medal Fund | | 1,227 |
| Robin Memorial Lecture Fund | | 1,212 |
| Hartley Studentship Fund | | 1,200 |
| Dr. Davies-Thomas Scholarship Fund | | 1,200 |
| Frederick Bevan Scholarship Fund | | 1,800 |
| Nathan Netter Fund | | 1,060 |
| J. G. Wood Memorial Fund | | 1,027 |
| H. K. Fry—Prize in Psychological Medicine | | 1,015 |
| Miss Julia Stuckey (for Botany Laboratory) | | 1,006 |
| E. Harold Davies Scholarship Fund | | 1,400 |
| John Howard Clark Scholarship Fund | | 1,000 |
| John Bagot Prize and Medal Fund | | 1,000 |
| A. M. Simpson Library in Aeronautics Fund | | 3,500 |
| Mrs. Agnes Ayers (for General Purposes) | | 1,000 |
| R. W. Bennett Prizes and Medal Fund | | 1,000 |
| Clement Q. Williams Memorial Fund | | 1,100 |
| Lienau Scholarship Fund | | 1,250 |
| Edith Hubbe and Harriett Cook Prize Fund | | 1,000 |
| Lucy Josephine Bagot Prize Fund | | 1,100 |
| Sir Archibald Strong Memorial Prize | | 1,000 |
| Gladys Lloyd Thomas Scholarship Fund | | 1,300 |
| C. and J. Campbell Prize Fund | | 1,000 |
| Maude Puddy Scholarship Fund | | 1,500 |
| Rutter Jewell-Thomas Prize Fund | | 1,000 |
| Guli Magarey Scholarship Fund | | 1,100 |
| Mrs. G. Magarey Bequest (Elder Overseas Scholarship Fund) | | 1,000 |
| Eva Lines Scholarship Fund | | 1,000 |
| Ena Orrock Lewcock Award in Botany | | 1,000 |
| Dr. E. W. Way Lectureship Fund | | 946 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 1 (continued) | \$ | \$ |
|--|----|--------|
| Violet de Mole Memorial Fund | | 912 |
| Keith Sheridan Prizes Fund | | 1,600 |
| Thornber Bursary Fund | | 900 |
| J. A. Bonnin Cup | | 640 |
| Rennie Research Scholarship Fund | | 700 |
| Natalia Davies Prizes Fund | | 630 |
| Sir Robert Chapman Prize Fund | | 622 |
| D. B. Adam Prize Fund | | 622 |
| John Lorenzo Young Scholarship Fund | | 600 |
| Dental Board of S.A. Prize | | 1,600 |
| Ruby C. Davy Prize Fund | | 1,000 |
| J. L. Eustace | | 42,589 |
| Weimar-Ohlstrom Prizes Fund | | 600 |
| William Culross Prize Fund | | 500 |
| Alexander Clark Prize Fund | | 960 |
| Elsie Marion Cornish Prize Fund | | 500 |
| Bunday Prize Fund | | 400 |
| James Gartrell Prize Fund | | 400 |
| M. Rees George Prize Fund | | 400 |
| Thomas Gepp Prize Fund | | 400 |
| T. P. Staughnessy Fund | | 382 |
| Archibald Watson Prize Fund | | 340 |
| Roby Fletcher Scholarship Fund | | 320 |
| Sir Ronald Fisher Prize in Genetics Fund | | 305 |
| St. Alban Scholarship Fund | | 300 |
| Barr Smith Prize Fund | | 300 |
| George Thompson Bursary Fund | | 300 |
| Justin Skipper Prize Fund | | 300 |
| Edith Puddy Fund | | 267 |
| Australian Dental Association for Thomas D. Hannon Prize Fund | | 266 |
| Tormore Old Scholars' Prize Fund | | 260 |
| Byard Prize | | 600 |
| J. B. Cleland Prize Fund | | 260 |
| Andrew Scott Prize Fund | | 236 |
| Hope Crampton Prize Fund | | 212 |
| A. Grenfell Price Prize Fund | | 220 |
| N. Stannus Gunning Fund | | 200 |
| Professor J. H. B. Tew Prize Fund | | 200 |
| C. Fenner Prize | | 200 |
| Florence Cooke Violin Prize Fund | | 300 |
| Professor J. R. Wilton Prize Fund | | 365 |
| Archibald Mackie Bursary Fund | | 200 |
| Lister Prize Fund | | 200 |
| United Nations Prize Fund | | 200 |
| Lokan Prize Fund | | 200 |
| Thomas L. Borthwick Prize Fund | | 200 |
| Robert Whinham Prize Fund | | 275 |
| Kate Helen Weston Fund | | 135 |
| Tate Memorial Medal Fund | | 120 |
| Hughes Statue Maintenance Fund | | 100 |
| Jefferis Medal Fund | | 100 |
| Sir Mark Mitchell Fund (for Periodicals) | | 100 |
| Elizabeth Jackson Library Fund | | 60 |
| Wood Jones Scalpel Prize Fund | | 200 |
| D. M. Salotti Prize | | 6,000 |
| Mrs. O. M. Burnard | | 2,000 |
| Mrs. C. I. Hague | | 158 |
| J. R. Barker | | 51,225 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 1 (continued) | \$ | \$ |
|---|----|--------------------|
| O. R. Turner Scholarship | | 35,508 |
| Sir Archibald Grenfell Price (Pauline Price Scholarship) | | 2,350 |
| A. L. Tapp | | 11,287 |
| Michael Smyth Memorial Prize | | 2,238 |
| Guild of Composers Fund | | 491 |
| Ian Furler Memorial Fund | | 3,150 |
| Amin Hasan Abdi Prize | | 700 |
| E. A. Cornish Memorial Fund | | 1,150 |
| F. E. McPhail Estate | | 51,327 |
| A. E. V. Richardson Estate | | 34,361 |
| The Mountford Award | | 8,000 |
| R. G. G. Allen Estate | | 30,000 |
| F. A. N. Symon | | 4,150 |
| L. M. Richardson | | 1,018 |
| J. N. Konig | | 14,000 |
| Kenneth M. Gibb Estate | | 18,375 |
| F. E. Anthony Estate | | 3,788 |
| J. T. Mortlock Estate—Martindale Hall & Land | | 42,320 |
| A. G. Williams Estate | | 5,888 |
| Mrs. Arno Pontt (May Gepp) Scholarship | | 1,000 |
| Eugene Matison Prize | | 1,000 |
| Mrs. M. E. Angus Estate | | 400 |
| L. Davis Estate | | 7,670 |
| Mrs. C. M. Macgregor | | 20,000 |
| J. Wark Bequest | | 8,552 |
| Constance Fraser | | 71,292 |
| L. K. Symon | | 30,704 |
| J. H. Vaughan | | 4,000 |
| Therese M. Rice Estate | | 73,483 |
| A. E. Lawrence Scholarship Fund | | 70,074 |
| H. Farmer | | 130,315 |
| B. E. Gill-Williams Estate | | 68,731 |
| Arthur R. Riddle Estate | | 64,527 |
| Helen Mary Mayo (For Staff Club) | | 1,004 |
| Norman Chinner Fund | | 1,356 |
| Austin Bazely Prize Fund | | 500 |
| K. P. J. Barley Memorial Fund | | 5,063 |
| H. M. Lloyd Estate | | 112,581 |
| Frederick E. Baxendale Scholarship Fund | | 2,000 |
| E. W. Benham Estate | | 229,274 |
| E. W. Benham Prize Fund | | 8,000 |
| Angela Lakin Memorial Scholarship Fund | | 2,190 |
| R. G. Willoughby Memorial Scholarship Fund | | 3,849 |
| J. G. Cornell Prize Fund | | 2,005 |
| M. Morris Estate | | 1,006 |
| L. E. Johnson Estate | | 4,898 |
| Frank & Hilda Perry Trust | | 28,450 |
| H. S. Parsons Estate | | 1,000 |
| | | <u>\$4,793,287</u> |

| SCHEDULE 2. | \$ | \$ | \$ |
|--|-----|--------|----|
| <i>Grants and Donations for University Site—</i> | | | |
| Land Endowment | | 10,000 | |
| Special Donations for Fences and Gates: | | | |
| R. Barr Smith | 800 | | |
| Hon. Sir John Duncan } | | | |
| W. H. Duncan } | 500 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31 December, 1977

| SCHEDULE 2 (continued) | \$ | \$ | \$ |
|---|-------|--------|-----------------|
| Sir Walter Young | 2,000 | | |
| Sir William Mitchell | | 3,300 | |
| Special Donations for other Improvements: | | 1,752 | |
| Misses Eva and Lily Waite | 4,500 | | |
| Hon. Sir George Murray | 4,000 | | |
| | | 8,500 | |
| | | | <u>\$23,552</u> |
| SCHEDULE 3. | | | |
| <i>Contributions to Buildings and Fittings—</i> | | | |
| Unemployment Relief Council | | 24,000 | |
| Pharmaceutical Society of S.A. | | 600 | |
| Commonwealth Department of Commerce (Medical Building) | | 23,499 | |
| I.G.Y. (Seismograph Vault) | | 4,000 | |
| C.S.I.R.O. (Mawson Laboratories) .. | | 1,650 | |
| Radio Research Board (Building at St. Kilda) | | 2,858 | |
| | | | <u>\$56,607</u> |
| SCHEDULE 4. | | | |
| <i>Scholarships and Prizes Funds—</i> | | | |
| Barr Smith Prize | | 134 | |
| Andrew Scott Prize | | 47 | |
| James Gartrell Prize | | 221 | |
| John Howard Clarke Prize Fund | | 1,189 | |
| Tormore Prize | | 138 | |
| Byard Prize | | 443 | |
| Sir Archibald Strong Memorial Fund | | 1,193 | |
| Edith Hubbe and Harriett Cook Prize | | 773 | |
| Bunday Prize Fund | | 441 | |
| M. Rees George Memorial Prize | | 316 | |
| Hope Crampton Prize | | 32 | |
| Violet de Mole Prize | | 1,456 | |
| Weimar-Ohlstrom Prizes | | 81 | |
| A. J. Schulz Prizes | | 2,700 | |
| Fred Johns Scholarship | | 11,455 | |
| Tinline Scholarship | | 968 | |
| Natalia Davies Prize | | 9 | |
| Roby Fletcher Prize | | 6 | |
| Australian Psychological Society Prize | | 100 | |
| Anna Florence Booth Prize | | 1,875 | |
| Charles Fenner Prize | | 33 | |
| Sir Archibald Grenfell Price Prize | | 62 | |
| Edith A. Puddy Prize | | 52 | |
| Gavin David Young Lectureship | | 4,638 | |
| John F. Kennedy Memorial Scholarship | | 1,172 | |
| E. W. Benham Prizes and Medal | | 589 | |
| J. G. Cornell Prize | | 469 | |
| P. W. Rice Scholarship | | 23,901 | |
| Lynda Tapp Prize (History) | | 577 | |
| Pauline Price Prize | | 145 | |
| Mountford Award | | 1,061 | |
| Ernest Ayers Scholarship | | 1,971 | |
| John Bagot Scholarship | | 2,409 | |
| Elsie Marion Cornish Prize | | 597 | |
| J. G. Wood Memorial Prize | | 572 | |

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THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31 December, 1977

| SCHEDULE 4 (continued) | \$ | \$ | \$ |
|--|--------|-------|----|
| Rennie Scholarship | | 118 | |
| Tate Memorial Medal | | 159 | |
| James Barrans Scholarship | 2,156 | | |
| J. R. Wilton Prize | | 44 | |
| Sir Ronald Fisher Prize | | 481 | |
| Sir Ronald Fisher Memorial Scholarship | | 1,139 | |
| C.S.R. Chemicals Prize | | 100 | |
| E. A. Cornish Memorial Prize | | 139 | |
| Amin Hasan Abdi Prize | | 119 | |
| R. K. Morton Scholarship in Biochemistry .. | | 330 | |
| Ena Orrock Lewcock Award | | 49 | |
| Lynda Tapp Prize (Physiology) | | 578 | |
| D. B. Adam Memorial Prize | | 316 | |
| T. E. Barr Smith Travelling Scholarship | 2,695 | | |
| R. K. Morton Scholarship in Agricultural Biochemistry | | 240 | |
| C. J. Everard Scholarships | 20,589 | | |
| Angas Engineering Scholarships | 3,947 | | |
| Sir Robert Chapman Prize | | 282 | |
| Lokan Prize | | 118 | |
| E. V. Clarke Prize | | 197 | |
| K. P. J. Barley Memorial Award | | 276 | |
| The Cable Makers Association Prize | | 21 | |
| Sir William Goodman Scholarships .. | 3,905 | | |
| Rutter Jewell-Thomas Medal and Prize | | 766 | |
| Esso Standard Oil (Aust.) Pty. Ltd. Prize .. | | 60 | |
| Frank Perry Scholarship | 7,717 | | |
| The Stow Prizes and Scholarships | | 11 | |
| R. W. Bennett Prizes and Medals | | 433 | |
| Angas Parsons Prize .. | | 904 | |
| Justin Skipper Prize .. | | 379 | |
| Thomas Gepp Prize | | 452 | |
| Roy Frisby Smith Prize | | 373 | |
| Baker Scholarship | 11,543 | | |
| Sir Hugh Cairns Memorial Prize | 1,049 | | |
| Christopher and John Campbell Prize | | 307 | |
| Herbert John Wilkinson Memorial Prize | 4,557 | | |
| Dr. Davies-Thomas Scholarship | | 230 | |
| J. B. Cleland Prize | | 68 | |
| T. L. Borthwick Prize | | 85 | |
| Archibald Watson Prize | | 119 | |
| Dr. Charles Gosse Lectureship | 4,621 | | |
| Everard Scholarship .. | | 539 | |
| Lister Prize | | 146 | |
| William Gardner Scholarship | | 294 | |
| Carnation Company Award .. | | 50 | |
| Shorney Prize | | 581 | |
| Mead Johnson Paediatric Prize | | 52 | |
| Roche Products Prize | | 20 | |
| Ruth Heighway Memorial Prize | | 150 | |
| Bertha H. Sudholz Scholarship | 2,827 | | |
| T. G. Wilson Travelling Scholarship | 1,157 | | |
| John Barker Scholarship | 5,842 | | |
| Keith Sheridan Prizes | 2,027 | | |
| Eugene Abraham Matison Prize | | 607 | |
| H. K. Fry Prize | | 132 | |
| Wood Jones Scalpel Prize | | 159 | |
| Ian Furler Prize | | 225 | |
| Thos. D. Hannon Prize | | 284 | |
| Dental Board of S.A. Prize | | 341 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31 December, 1977

| SCHEDULE 4 (continued) | \$ | \$ | \$ |
|---|----|--------|------------------|
| Austin Bazely Prize | | | 109 |
| G. O. Lawrence— | | | |
| Scholarship in Conservative Dentistry .. | | 9,891 | |
| R. G. Willoughby Bursary | | 981 | |
| Oliver Rutherford Turner Award | | 14,122 | |
| J. L. Eustace Memorial Scholarship | | 7,847 | |
| Professor J. H. B. Tew Prize | | 72 | |
| John Lorenzo Young Scholarship | | 929 | |
| John Creswell Scholarships | | 3,427 | |
| George Thompson Bursary | | 507 | |
| Archibald Mackie Bursary | | 226 | |
| Joseph Fisher Medal and Lecture .. | | 1,716 | |
| Kenneth and Hazel Milne Travelling Scholarship | | 11,694 | |
| S.A. Gas Company Prize | | 100 | |
| Clive E. Boyce Scholarship .. | | 2,726 | |
| Royal Australian Planning Institute Prize | | 20 | |
| Alexander Clark Memorial Prize | | 328 | |
| Eugene Alderman Scholarship | | 538 | |
| Selborne Moutray Russell Scholarship | | 1,366 | |
| Lucy Josephine Bagot Prize .. | | 102 | |
| J. Varley Scholarship | | 1,080 | |
| Anders and Reimers Scholarship | | 1,117 | |
| Robert Whinham Prize | | 104 | |
| Gladys Lloyd Thomas Scholarship | | 280 | |
| E. Harold Davies Scholarship | | 436 | |
| Florence Cooke Prize | | 74 | |
| Dr. Ruby Davy Scholarship .. | | 339 | |
| Guli Magarey Scholarship | | 202 | |
| Frederick Bevan Memorial Scholarship | | 398 | |
| Maude Puddy Scholarship | | 411 | |
| Athol Lykke Award .. | | 665 | |
| Lienau Prize .. | | 172 | |
| Clement O. Williams Memorial Prize | | 191 | |
| William Silver Scholarship .. | | 1,192 | |
| Mrs. Arno Pontt (May Gepp) Scholarship .. | | 156 | |
| Norman Chinner Scholarship | | 52 | |
| Frederick E. Baxendale Scholarship | | 367 | |
| Daisy Burmeister Salotti Pianoforte Scholarships | | 2,373 | |
| Angela Lakin Memorial Scholarship | | 833 | |
| Alex Burnard Scholarship | | 634 | |
| Josephine Christiansen Bursary | | 352 | |
| H. Brewster-Jones Prize | | 75 | |
| George Murray Scholarship .. | | 9,986 | |
| Chapman Memorial Scholarship | | 1,640 | |
| Wm. Donnithorne Award | | 7,359 | |
| Baillieu Research Scholarship | | 10,079 | |
| David Murray Scholarship | | 828 | |
| John L. Young Scholarship .. | | 552 | |
| St. Alban Scholarship | | 406 | |
| United Nations Prize .. | | 962 | |
| Hartley Studentship .. | | 437 | |
| Thornber Bursary | | 303 | |
| J. E. Jenkins Scholarship | | 2,316 | |
| Eva Lines Memorial Scholarship | | 989 | |
| Eric Smith Scholarship | | 437 | |
| Mabel Tapp Prize | | 231 | |
| J. R. Barker Scholarship | | 3,907 | |
| George Fraser Scholarship | | 3,677 | |
| | | | <u>\$261,243</u> |

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31 December, 1977

SCHEDULE 5.

Library Funds—

| | |
|--|--------|
| T. E. Barr Smith Endowment Income | 12,631 |
| Sir William Mitchell Endowment Income | 5,037 |
| Elizabeth Jackson Fund Income | 2,178 |
| A.M.A. Library | 8,317 |
| A. M. Simpson Library Income | 1,775 |
| Bedford Industries Library | 261 |
| Australian Dental Association Library | 2,329 |
| Herbert Shorney Memorial Library | 396 |
| Library Deposits | 11,838 |
| Sir Henry Newland Bequest | 707 |
| Sir Mark Mitchell—Periodicals Income | 323 |
| General Donations | 221 |
| Enterprise Development Association Library | 583 |

\$46,596

SCHEDULE 6.

Special Funds—

| | |
|---|---------|
| Flexibility Fund (Private Income) | 74,398 |
| A.M.P. Loan (Union Building) | 737,090 |
| Engineering Services Programme Fund | 474,862 |
| Interest on computer equipment allocation | 14,333 |

Consulting and Research—

| | |
|--|---------|
| Computing Centre—Consulting | 23,056 |
| Animal Products Research Foundation | 4,668 |
| Oral Pathology—Biopsy Fees | 358 |
| Geology—Consulting | 1,334 |
| Statistics—Consulting | 30 |
| Economic Geology—Consulting | 3,229 |
| Physical and Inorganic Chemistry— Consulting | 99 |
| Civil Engineering—Consulting | 1,973 |
| Civil Engineering—Testing | 8,738 |
| Organic Chemistry—Research No. 1 | 6,584 |
| Organic Chemistry—Research No. 2 | 3,639 |
| Mechanical Engineering—Consulting | 3,154 |
| Mechanical Engineering—Testing | 2,987 |
| Economics—Consulting | 1,192 |
| Paediatrics—Research | 1,624 |
| Paediatrics—Consulting | 24,311 |
| Paediatrics—Orthopaedic Investigations | 810 |
| Geography—Consulting | 739 |
| Computing Science—Consulting | 178 |
| Electron Microscope Unit—Consulting | 1,625 |
| Psychiatry—Research | 159 |
| Health Service—Consulting | 349 |
| Health Service—Research | 1,099 |
| Biochemistry—Consulting | 49 |
| Botany—Dr. Ganf—Consulting | 357 |
| Microbiology Medical Test | 337 |
| Obstetrics and Gynaecology—Endocrinology | 404,748 |
| Physiology—Testing Fees | 1,484 |
| Commerce—Consulting | 108 |
| Chemical Engineering—Consulting | 2,757 |
| Architecture—Consulting | 711 |
| Architecture—Consulting (Urban and Regional Planning) | 7,867 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|---|--------|-----------|----|
| Surgical Research | 2,976 | | |
| Electrical Engineering—Consulting | 900 | | |
| Gynaecological Pathology—Consulting | 10,161 | | |
| Pharmacology | 33 | | |
| Zoology—Consulting | 440 | | |
| Library—Consulting | 105 | | |
| Law—Consulting | 40 | | |
| Psychology—Consulting | 2,819 | | |
| Environmental Studies—Consulting | 4,853 | | |
| Professor G. M. Badger—Research | 16,230 | | |
| Statistics Computer Programming—Con- sulting | 7 | | |
| Community Medicine—Research | 2,314 | | |
| Medicine—Immunologic Function Tests | 7,173 | | |
| Medicine—Gastro Enterology Research | 15 | | |
| Mathematics—Fluid Mechanics | 547 | | |
| Human Physiology—Renin Fund | 16,197 | | |
| Immune Serology—Medicine | 6,778 | | |
| | | \$581,941 | |
| <i>Board for Aboriginal Studies—</i> | | | |
| General Account | 5,206 | | |
| Abbie | 29 | | |
| Film Account | 10,201 | | |
| Film Replacement Account | 1,388 | | |
| Aust. Institute of Aboriginal Studies—Brown The Mountford Fund | 131 | | |
| | 3,278 | | |
| | | 20,233 | |
| <i>Medical Research—</i> | | | |
| Gwen Michell Foundation | 39,146 | | |
| Sheridan Bequest | 96,048 | | |
| M.R.C.—Income | 1,007 | | |
| <i>Reserve for Fluctuation of Shares—</i> | | | |
| The Gwen Michell Foundation | 63,691 | | |
| S. McGregor Reid | 1,705 | | |
| J. B. Reid | 10,615 | | |
| Lady Barr Smith Memorial— Cancer Research | 7,884 | | |
| | | 220,096 | |
| <i>National Health and Medical Research Committee Grants:</i> | | | |
| Research Grants—General Account | 88 | | |
| Income 1977 | 8,586 | | |
| Oral Biology—Gerke | 497 | | |
| Pathology—Stanley | 182 | | |
| Obstetrics—Seamark | 128 | | |
| Physiology—de la Lande | 78 | | |
| Physiology—Priestly | 334 | | |
| Chemical Engineering—Abbott | 5,333 | | |
| Medicine—Shearman | 327 | | |
| Medicine—Kwitko | 1,695 | | |
| Anatomy—Parr | 36 | | |
| | | 17,284 | |
| <i>Special Purpose—</i> | | | |
| <i>Commonwealth Sponsored Overseas</i> | | | |
| Scholarships | 11,728 | | |
| Advisory Centre for University Education— Special Account | 1,065 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|--|---------|----|----|
| Bonython Hall Maintenance | 407 | | |
| Permanent Orchestra Fund | 382 | | |
| Rose Grainger Orchestral | 3,179 | | |
| Students' Loan | 23,682 | | |
| Conservatorium Students' Fund | 1,959 | | |
| Shaughnessy Endowment Income | 58 | | |
| Arthur R. Riddle Estate Income | 18,783 | | |
| Performing Arts Theatre Production | 732 | | |
| Hughes Statue Maintenance | 293 | | |
| Robin Memorial Lecture Income | 783 | | |
| Sheridan Family Grave Maintenance | 593 | | |
| Fee Income—Aboriginal Singing | 90 | | |
| Sir Douglas Mawson Portrait | 322 | | |
| N.M.R. Spectrometer—Organic Chemistry | 628 | | |
| Donation for Purchase of Musical Instruments | 50 | | |
| Helen Mary Mayo Bequest Income | 1,076 | | |
| Students' Competence in English | 350 | | |
| The McGregor Fund | 11,854 | | |
| Publications Fund | 2,355 | | |
| Anonymous Donations—Medical School | 113,311 | | |
| Transport Properties of Gases & Liquids | | | |
| Physical & Inorganic Chemistry | 495 | | |
| Urban & Regional Planning—Architecture | 747 | | |
| Tales told to Kabbarli—D. Bates | 4,254 | | |
| Miscellanea Musicologica | 1,818 | | |
| Centenary Essays—English | 944 | | |
| Non Collegiate Housing | 2,071 | | |
| Non Collegiate Housing—Bond Money | 981 | | |
| Dr. B. R. Elliott Prize Fund | 955 | | |
| H. S. Parsons Endowment Income | 219 | | |
| R.A.H. Medicine (Mortlock) | 1,153 | | |
| J. A. Bonnin Cup—Income | 336 | | |
| Paediatrics | 250 | | |
| Australian Journal of Experimental Biology | 29,268 | | |
| Donations to Electrical Engineering—Mr. G. Karolyi | 1,549 | | |
| Colgate-Palmolive—Donation to establish Readership in Preventive Dentistry | 1,042 | | |
| Elder Conservatorium | 1,015 | | |
| Dental Science | 3,334 | | |
| A. J. Schulz Bequest | 481 | | |
| University Music Society | 3,047 | | |
| Herbert Gill-Williams Memorial | 13,965 | | |
| Adelaide University Science Association | 14,159 | | |
| M. J. Barrett Memorial—Dentistry | 109 | | |
| Audio-Visual—Obstetrics & Gynaecology—Q.V.H. | 630 | | |
| Geigy (A/asia.) Pty. Ltd.—Donation for Furniture and Equipment—Pathology | 16 | | |
| E. W. Benham Bequest | 32,925 | | |
| Finite Elements Conference | 2,027 | | |
| Road Accident Research Unit | 20 | | |
| Student Exchange Education (Dentistry) | 794 | | |
| Medical Pedagogics | 271 | | |
| R. A. Fisher—Collected Papers | 15,244 | | |
| C.P.U. Travel—Medicine | 7 | | |
| Medical History | 13 | | |
| Surgery—U Bix | 10 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|---|---------|---------|----|
| Chemical Engineering (Materials Science) | 1,164 | | |
| Adelaide University Book Exchange— | | | |
| Donation | 576 | | |
| Car Parking Fees | 24,511 | | |
| English Expression Tutorials | 689 | | |
| Elder Hall Organ | 68,648 | | |
| Dental Microscope Fund | 2,862 | | |
| Adult Education—Publicity | 50 | | |
| R. A. Fisher Estate—Royalties | 4,560 | | |
| J. S. Davies Bequest—Income | 276,148 | | |
| Civil Engineering | 278 | | |
| Anonymous Donation—Psychology | 3,448 | | |
| Library Graduate Fees—\$10 | 7,456 | | |
| Library Graduates Fees—\$20 | 4,496 | | |
| Mechanical Engineering | 360 | | |
| Anonymous Donations—History | 145 | | |
| Scanning Electron Microscope Fund | 1,908 | | |
| Ethel Payne Memorial Fund | 4,956 | | |
| Donation—Psychology | 20,000 | | |
| The Stirling Fund—Radio Station 5UV | 2,387 | | |
| Electrical Engineering | 204 | | |
| Biochemistry | 620 | | |
| Nickel Mines of Australia N.L. Fund | 21,785 | | |
| Radio Course—The Outback Aborigine | 369 | | |
| Anonymous Donation—Martindale Hall | | | |
| Renovations | 15,140 | | |
| Music | 85 | | |
| Donation to Physics—G. Lindner | 5,000 | | |
| Economic Geology—Remote Sensing Project | 761 | | |
| E. A. Russell Memorial Fund | 4,353 | | |
| Paediatrics—Channel 10 Research | | | |
| Foundation | 1,117 | | |
| Martindale Hall | 521 | | |
| Geology—Dept. of Science India-Aust. | | | |
| Science Agreement | 53 | | |
| Iris M. Colly Prize | 970 | | |
| History—Henderson Jubilee | 129 | | |
| Community Medicine—Donation | 2,700 | | |
| Plant Physiology—Anonymous Donation | 50 | | |
| Ancillary Staff Study Leave | 1,000 | | |
| Medicine—Bone Marrow Transplantation | 30 | | |
| | | 807,358 | |
| <i>Centenary Appeal Fund—</i> | | | |
| Centre for Asian Studies | 3,533 | | |
| Visual and Performing Arts | 350 | | |
| Commerce | 200 | | |
| Strehlow Research | 660 | | |
| Library Special Collection | 14,248 | | |
| Mawson Library and Museum | 2,000 | | |
| Sale of Texts—Asian Studies | 617 | | |
| Queen Victoria Hospital Library | 50 | | |
| | | 21,658 | |
| <i>Provisions—</i> | | | |
| Reserve for Fluctuation of Shares: | | | |
| G. Gollin Estate | 1,466 | | |
| A. M. Barnes Estate | 8,819 | | |
| Reginald Walker Estate | 7,996 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|---|---------|----|----|
| Milne Scholarship Fund | 4,364 | | |
| A. R. Riddle | 586 | | |
| A. E. Lawrence | 2,841 | | |
| B. E. Gill-Williams | 94 | | |
| L. K. Symon | 699 | | |
| T. M. Rice | 2,995 | | |
| T. E. Barr Smith Scholarship | 838 | | |
| Lady Barr Smith Fellowship | 497 | | |
| E. C. Hoare Estate | 1,052 | | |
| M. I. Hatwell Estate | 597 | | |
| V. M. Ballinger Estate | 1,047 | | |
| Nickel Mines of Australia N.L. Fund .. | 114,615 | | |
| J. Wark Bequest | 44 | | |
| Realization of Obsolete and Surplus Equipment— | | | |
| Physical & Inorganic Chemistry | 1,470 | | |
| General | 2,109 | | |
| Pathology | 69 | | |
| Medicine | 537 | | |
| Chemical Engineering | 179 | | |
| Maintenance Workshop | 513 | | |
| Geology | 1,240 | | |
| Physiology | 947 | | |
| Microbiology | 520 | | |
| Gardeners | 57 | | |
| Economics | 16 | | |
| Commerce | 130 | | |
| Biochemistry | 490 | | |
| Genetics | 50 | | |
| Dentistry | 132 | | |
| Medical School | 224 | | |
| Mechanical Engineering | 472 | | |
| Organic Chemistry | 195 | | |
| Zoology | 351 | | |
| Computing Centre | 293 | | |
| Mawson Institute | 2,393 | | |
| Geography | 93 | | |
| Surgery | 310 | | |
| Electrical Engineering | 253 | | |
| Economic Geology | 498 | | |
| Anatomy | 20 | | |
| Botany | 537 | | |
| Psychology | 2,218 | | |
| Architecture | 2 | | |
| Library | 17 | | |
| Advisory Centre for University Education | 805 | | |
| Statistics | 10 | | |
| Philosophy | 15 | | |
| Services | 694 | | |
| Medical Animal House | 8 | | |
| English | 65 | | |
| Computing Science | 95 | | |
| Obstetrics and Gynaecology | 85 | | |
| Health Service | 50 | | |
| Physical Education | 5 | | |
| Oral Biology | 2 | | |
| Classics | 15 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|--|--------|---------|----|
| Provision for Laboratory Space for | | | |
| Microscope Workshop | 1,000 | | |
| W.E.A. Office Lease | 6,000 | | |
| | ----- | 173,734 | |
| Long Service Leave Provision— | | | |
| Commonwealth Wheat | 8,327 | | |
| Wool Research | 1,163 | | |
| Sirex | 130 | | |
| Barley Fund | 8,736 | | |
| A.M.R.C. | 1,898 | | |
| State Wheat | 1,721 | | |
| A.R.G.C. ... | 32,873 | | |
| Rural Credits | 100 | | |
| Honey Research Entomology | 166 | | |
| Australian Biological Resources | 1,009 | | |
| Department of Conservation | 256 | | |
| | ----- | 56,379 | |
| <i>Research Grants—</i> | | | |
| Commonwealth Grant for Australian Literature | 41 | | |
| Roche Products Pty. Ltd.—Psychiatry | 3,821 | | |
| Australian Academy of the Humanities | 400 | | |
| Australian Dental Research and Education Trust Fund | 54 | | |
| Australian Kidney Foundation—Paediatrics .. | 47 | | |
| Sandoz Ltd.—Obstetrics & Gynaecology | 410 | | |
| Ramaciotti Foundation—Paediatrics ... | 3,839 | | |
| S.A. Housing Trust—Architecture | 184 | | |
| Premier's Department—Senior Composition Fellowship—Music | 755 | | |
| Wyeth Pharmaceuticals Pty. Ltd.—Psychiatry | 301 | | |
| Commonwealth Government—Writers Retreat—Adult Education | 334 | | |
| C.S.I.R.O. Studentship—Mathematics, Pure Life Insurance Medical Research Fund—Physiology | 273 | | |
| Premier's Department Teaching Fellowship—Architecture | 117 | | |
| General Motors-Holden's Pty. Ltd. Fellowship—Electrical Engineering | 5,392 | | |
| Commonwealth Government—Australian Literature—Adult Education | 52 | | |
| Glaxo Laboratories (Aust.) Pty. Ltd.—Microbiology | 1,205 | | |
| C.S.I.R.O.—Radio Research Board—Electrical Engineering ... | 577 | | |
| Economic & Financial Research | 403 | | |
| Director General of Transport—Postgraduate Scholarship—Economics | 505 | | |
| General Motors-Holden's Pty. Ltd.—Postgraduate Studentship in Traffic Theory—Mathematics | 468 | | |
| Pharmaceutical Industry Research Fund—Medicine ... | 962 | | |
| S.A. Churches of Christ Youth Choir—Aboriginal Music | 1,000 | | |
| A.I.N.S.E.—Dyer—Mechanical Engineering | 305 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|--|--------|----|----|
| Grant Spence & Associates Pty. Ltd.— | | | |
| Mechanical Engineering | 5,800 | | |
| Radio Research Board—Physics | 2,156 | | |
| Radio Research Board—Physics | 3 | | |
| Australian Advisory Committee on Research, Development and Education | 145 | | |
| Director General of Transport—Architecture | 267 | | |
| E. A. Fanning Contingency | 1,399 | | |
| Radio Research Board—Physics | 84 | | |
| Radio Research Board—Physics | 2,026 | | |
| Australian Water Resources Council—Botany | 261 | | |
| Clive & Vera Ramaciotti Foundation— Microbiology | 6,585 | | |
| Central Adelaide Regional Council for Social Development—Anthropology | 1,037 | | |
| National Fitness Council of S.A.— Physical Education | 63 | | |
| Reserve Bank—Rural Credits Fund— Economics | 7,337 | | |
| Department of Public Health—Medicine | 162 | | |
| A.A.C.R.D.E.—Education | 6,722 | | |
| Queen Elizabeth II Fellowship—Biochemistry | 1,468 | | |
| Queen Elizabeth II Fellowship—Physics | 907 | | |
| Queen Elizabeth II Fellowship— Biochemistry | 4,499 | | |
| Department of National Resources—Physics | 9,556 | | |
| S.A. Government—Radio 5UV | 551 | | |
| E.R.D.C.—Community Medicine | 638 | | |
| Australian Road Research Board— Civil Engineering | 206 | | |
| A.A.C.R.D.E.—Psychology | 154 | | |
| Smith, Kline & French Laboratories (Aust.) Ltd.—Medicine | 8,929 | | |
| Columbia University—Physiology | 739 | | |
| Director General of Transport— Applied Mathematics | 209 | | |
| Fishing Industry Research Committee— Medicine | 2,051 | | |
| Wool Research—Economics | 2,283 | | |
| Radio Research Board—Electrical Engineering | 1,829 | | |
| Colgate Palmolive—Dental Health | 5,769 | | |
| Dentifrice Grant—Dental | 26,094 | | |
| Oral Telemetry—Dental | 1,737 | | |
| Kindergarten Project—Dental | 6,916 | | |
| S.A. Urban & Regional Planning— Architecture | 672 | | |
| Department of Mines—Physics | 28,328 | | |
| National Heart Foundation—Pathology | 377 | | |
| Australian Tobacco Research Foundation— Medicine | 8,412 | | |
| Australian Tobacco Research Foundation— Physiology | 619 | | |
| Department of Labour and Industry— Mechanical Engineering | 16,957 | | |
| Australian Kidney Foundation—Physiology | 52 | | |
| Rural Credits Development Fund— Economics | 5,453 | | |
| Rural Credits Development Fund— Biochemistry | 1,385 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|--|--------|----|----|
| Radio Research Board—Physics | 13 | | |
| Department of Mines—Physics | 19,798 | | |
| Department of Transport Scholarship— Civil Engineering | 1,003 | | |
| Department of Transport Scholarship— Economics | 762 | | |
| Hospitals and Health Service Commission— Obstetrics and Gynaecology | 1,211 | | |
| Australian Housing Research Council— Architecture | 7,120 | | |
| Royal Commission into the Non-Medical Use of Drugs—Law | 4,324 | | |
| U.S.P.H.S.—Dental—Reserve for Maintenance of Record Reader | 276 | | |
| Australian Biological Resources Study— Zoology | 203 | | |
| Australian Welding Research Association— Civil Engineering | 1,500 | | |
| Premier's Department—Artist in Residence | 3,000 | | |
| Reserve Bank—Economic and Financial Research Fund—Economics | 462 | | |
| Japan Foundation— Centre for Asian Studies | 10,000 | | |
| Reserve Bank—Economic and Financial Research Fund—Economics | 1,000 | | |
| National Parks and Wildlife Service— Zoology | 164 | | |
| S.E.N.R.A.C.—Chemical Engineering | 7,500 | | |
| S.E.N.R.A.C.—Physical and Inorganic Chemistry | 12,442 | | |
| Broken Hill Mining Managers Association— Economic Geology | 54 | | |
| Reserve Bank—Economic and Financial Research Fund—Economics | 3,649 | | |
| Life Insurance Medical Research Fund— Paediatrics | 1,145 | | |
| Esso Exploration (Aust.) Inc.— Economic Geology | 1,000 | | |
| Adelaide Children's Hospital—Paediatrics ... | 1,970 | | |
| Adelaide Children's Hospital—Paediatrics ... | 2,878 | | |
| Electrical Research Board— Electrical Engineering | 367 | | |
| Electrical Research Board— Electrical Engineering | 2,832 | | |
| Traffic Dynamics Fund—Mathematics | 1,821 | | |
| Esso Standard Oil (Aust.) Ltd.— Chemical Engineering | 1,370 | | |
| Esso Standard Oil (Aust.) Ltd.— Civil Engineering | 500 | | |
| Esso Standard Oil (Aust.) Ltd.— Mechanical Engineering | 1,216 | | |
| Esso Exploration—Geology | 3,600 | | |
| C.S.I.R.O.—Physical and Inorganic Chemistry | 552 | | |
| Neurosurgical Research Foundation ... | 15 | | |
| Esso Exploration—Geology | 3,528 | | |
| Esso Standard Oil—Electrical Engineering ... | 698 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|--|--------|-----------|----|
| C.S.I.R.O. Studentship— | | | |
| Mathematics | 144 | | |
| Mathematics | 198 | | |
| Statistics | 671 | | |
| Statistics | 260 | | |
| Mathematics | 100 | | |
| National Heart Foundation—Surgery | 659 | | |
| C.S.I.R.O.—Botany | 62 | | |
| C.I.B.A. Travel Fund—Paediatrics | 1,230 | | |
| Boehringer Ingelheim—Paediatrics | 880 | | |
| Western Mining Corporation—Geology | 265 | | |
| Centre for Precambrian Research— | | | |
| Geology | 602 | | |
| Publications | 448 | | |
| Office of Aboriginal Affairs—Paediatrics | 695 | | |
| Wool Research Trust Fund—Botany | 3,083 | | |
| Australian Department of Education— | | | |
| Radio 5UV | 2,693 | | |
| Arts Advisory Council—Radio 5UV | 324 | | |
| Australia Council—Radio 5UV | 1,906 | | |
| Australia Council—Radio 5UV | 1,049 | | |
| Australia Council—Radio 5UV | 11 | | |
| Schools Commission—Radio 5UV | 5,990 | | |
| Arts Advisory Council—Radio 5UV | 2,793 | | |
| Arts Advisory Council—Radio 5UV | 2,000 | | |
| Schools Commission—Radio 5UV | 2,397 | | |
| Schools Commission—Radio 5UV | 1,117 | | |
| Australian Schools Commission—Radio 5UV | 1,806 | | |
| Schools' Inservice Commission—Radio 5UV | 2,456 | | |
| Education Department—Radio 5UV | 1,953 | | |
| E.R.D.C.—Adult Education | 1,053 | | |
| Australia Council—Adult Education | 4,000 | | |
| Dental Board of South Australia | 8 | | |
| A.I.N.S.E.—Physical and Inorganic | | | |
| Chemistry | 16 | | |
| George Aitken Scholarships— | | | |
| Obstetrics and Gynaecology | 1,228 | | |
| World Health Organisation—Microbiology | 3,095 | | |
| Special Publication—Pitjantjatjara | 3,912 | | |
| Premier's Department—Aboriginal Studies in | | | |
| Music | 1,444 | | |
| Department of Aboriginal Affairs— | | | |
| Psychology | 545 | | |
| | | \$341,972 | |
| <i>Australian Research Grants Committee—</i> | | | |
| Mawson Institute—Jacka | 11,052 | | |
| Physics—Carver and Horton | 1,167 | | |
| Chemical Engineering— | | | |
| Cocks and Miller | 291 | | |
| King | 378 | | |
| Physical and Inorganic Chemistry— | | | |
| Diamantis | 102 | | |
| Martin | 38 | | |
| Mawson Institute—Jacka | 143 | | |
| Biochemistry— | | | |
| Egan | 20 | | |
| Symons | 147 | | |
| Wells | 10 | | |
| Wells & Hayman | 74 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|---------------------------------|--------|----|----|
| Botany— | | | |
| Ganf | 18 | | |
| Christophel | 439 | | |
| Classics—Sear | 9,530 | | |
| Community Medicine—Hicks | 49 | | |
| Economic Geology— | | | |
| Ypma & Both | 149 | | |
| Ypma & Boyd | 45 | | |
| Electrical Engineering— | | | |
| Bogner | 271 | | |
| Genetics— | | | |
| Hope | 15 | | |
| Geography—Twidale & Smith | 203 | | |
| Geology and Mineralogy— | | | |
| Daily & Gostin | 784 | | |
| Daily and Jenkins | 2,121 | | |
| James | 348 | | |
| Nesbitt & Rutland | 448 | | |
| Oliver | 508 | | |
| History—Wright | 500 | | |
| Mawson Institute—Jacka | 12,563 | | |
| Mechanical Engineering— | | | |
| Bies and Zockel | 614 | | |
| Brown | 1,321 | | |
| Dyer | 183 | | |
| Luxton | 3,055 | | |
| Organic Chemistry— | | | |
| Beckwith | 344 | | |
| Beckwith | 455 | | |
| Bowie | 1,026 | | |
| Bowie and Beckwith | 1,608 | | |
| Gream | 392 | | |
| Massy-Westropp | 571 | | |
| Spotswood <i>et al.</i> | 1,782 | | |
| Physical & Inorganic Chemistry— | | | |
| Allen | 29 | | |
| Dunlop & Martin | 95 | | |
| Bruce | 1,181 | | |
| Bruce | 764 | | |
| Diamantis | 352 | | |
| Jordan <i>et al.</i> | 387 | | |
| Kennedy | 382 | | |
| Kurucsev | 280 | | |
| Laurence | 367 | | |
| Martin | 500 | | |
| Snow | 586 | | |
| Steel | 201 | | |
| Physics— | | | |
| Briggs & Vincent | 60 | | |
| Briggs and Ward | 117 | | |
| Carver and Horton | 61 | | |
| Carver <i>et al.</i> | 2,126 | | |
| Carver <i>et al.</i> | 661 | | |
| Elford | 472 | | |
| Elford | 702 | | |
| Prescott | 5,042 | | |
| Prescott | 391 | | |
| Prescott <i>et al.</i> | 2,422 | | |
| Tomlin | 290 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|---|--------|----------|----|
| Vincent | 4 | | |
| Zoology— | | | |
| Tyler | 75 | | |
| | | \$70,311 | |
| Sundry Balances— | | | |
| Donations for Works of Art | 4,334 | | |
| Law School Locker Refund | 75 | | |
| History Special Fund | 2,253 | | |
| Physics Special Fund | 4,902 | | |
| Graduates' Union Fund | 1,514 | | |
| 1977 Symposium—German | 146 | | |
| Civil Engineering Notebook | 631 | | |
| Royal Australian College of General Practitioners—Student Travelling Fund | 272 | | |
| Engineering Faculty—Dean's Fund | 2 | | |
| Australian Humanities Research Council | 200 | | |
| Australian United Corporation | 6,052 | | |
| Peter Battye—Donation | 1,278 | | |
| George Gollin Estate—Income | 66,665 | | |
| Diploma in Physical Education | 6,273 | | |
| Medical Residence Fees | 1,082 | | |
| Library Studies Publications Fund | 130 | | |
| Donation to Dental Science | 394 | | |
| Symposium—French | 296 | | |
| Microprocessor Summer School—Electrical Engineering | 7,323 | | |
| Adult Education—Advance Fees 1978 | 5,901 | | |
| Workmen's Compensation Reimbursements | 20,227 | | |
| Australian Economic Papers | 12,332 | | |
| Woodville Spastic Home | 347 | | |
| University Squash Racquets Club | 20 | | |
| Barbara Meyler Memorial Prize Fund | 2,000 | | |
| A. M. Horsnell Student Travel Scholarship Fund | 3,836 | | |
| Postgraduate Committee in Dentistry | 2,748 | | |
| Torrens C.A.E.—S.A.T.A.C. Advance | 6,420 | | |
| Cancelled Cheques Suspense Account | 288 | | |
| Careers Advisory Board | 348 | | |
| Departmental Xerox—Accumulated Net Income | 2,558 | | |
| Library Xerox—Accumulated Net Income | 46,967 | | |
| Professor John Bishop Memorial Fund | 12,487 | | |
| Rosemary Bor Fund | 3,276 | | |
| Kappa Kappa Kappa Inc.—Donation to Dental School | 468 | | |
| Library Complex Fund—Professor F. B. Bull | 6,689 | | |
| G.M.H. Staff Welfare Donation | 180 | | |
| Language Laboratory Special Fund | 4,180 | | |
| Fund for Clinical Instruction (Non-subsidisable) | 3,828 | | |
| Dr. A. Bassar—Donation—Pathology | 79 | | |
| Constance Davey Memorial Fund | 58 | | |
| C.S.I.R.O. Brush Fence | 200 | | |
| Genetics Stocks Account | 4,188 | | |
| Mrs. C. M. Macgregor Fund | 7,558 | | |
| Elder Smith Goldsbrough Mort Ltd.—Donations | 4,452 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 6 (continued) | \$ | \$ | \$ |
|---|---------|---------|--------------------|
| Insurance Refund—Physics | 75 | | |
| Botany—Phycology Fund | 1,943 | | |
| E. M. Symon—Anthropology | 1,533 | | |
| Government Grant— | | | |
| Teaching Hospitals 1976 | 182,000 | | |
| Government Grant— | | | |
| Teaching Hospitals 1977 | 198,000 | | |
| Commonwealth Grants for Students | 130,153 | | |
| Patent—Digital Techniques in Delta | | | |
| Modulation | 716 | | |
| Roche Donation for Equipment—Medicine | 3,047 | | |
| Sundry Debtors—Barr Smith Library | 171 | | |
| Adult Education—Balance | 3,943 | | |
| | <hr/> | 777,038 | |
| <i>Postgraduate Foundation in Medicine:</i> | | | |
| —General Fund | 39,262 | | |
| —L. K. Symon Estate | 13,245 | | |
| —Wolfson Foundation | 3,776 | | |
| Anonymous Donations— | | | |
| Orthopaedics | 10,248 | | |
| Orthopaedics Income | 1,228 | | |
| Mark Jolly Memorial Fund | 12,987 | | |
| Mark Jolly Memorial Fund—Income | 946 | | |
| Donations to Modbury Hospital | 1,316 | | |
| Faculty of Anaesthetists Fund | 11,320 | | |
| Faculty of Anaesthetists Fund— | | | |
| Investment Income | 5,072 | | |
| | <hr/> | 99,400 | |
| | | <hr/> | <u>\$4,488,087</u> |

SCHEDULE 7.

Donations for Equipment—

| | |
|---|-----------|
| Grants and Donations for Equipment and Furniture as at 31/12/76 (for previous details see 1976 Financial Statements). | 4,519,081 |
| Department of Public Health— | |
| Medicine | 440 |
| J. H. Vaughan Endowment | 90 |
| Bureau of Mineral Resources— | |
| Physics | 7,619 |
| Australian Road Research Board— | |
| Civil Engineering | 570 |
| Neuro Surgical Research Foundation— | |
| Physiology | 8,342 |
| Immunological Function Tests— | |
| Medicine | 917 |
| Department of Mines—Physics | 7,232 |
| Department of Labour & Industry— | |
| Mechanical Engineering | 1,692 |
| National Heart Foundation—Pathology | 24 |
| Library Xerox Copying Fund | 2,720 |
| Physiology—Testing Fund | 25 |
| Endocrinology—Income | 92,336 |
| Medical Research Committee | 20,809 |
| Australian Kidney Foundation— | |
| Physiology | 546 |
| National Parks, & Wildlife Service— | |
| Zoology | 2,836 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 7 (continued) | \$ | \$ | \$ |
|--|----------------|--------------------|----|
| Adelaide Children's Hospital— | | | |
| Paediatrics | 4,086 | | |
| Geology—Consulting Fund | 147 | | |
| Electrical Engineering— | | | |
| Consulting Fund | 1,483 | | |
| Australian Institute Nuclear Science & | | | |
| Engineering— | | | |
| Mechanical Engineering | 1,775 | | |
| Immune Serology—Medicine | 912 | | |
| Renin Fund—Physiology | 1,302 | | |
| Adult Education Department | 1,104 | | |
| Radio Research Board— | | | |
| Physics | 316 | | |
| Electrical Engineering | 5,597 | | |
| Department of Transport— | | | |
| Road Accident Research Unit | 249 | | |
| Life Insurance & Medical Research | | | |
| Fund—Physiology | 2,500 | | |
| Pharmaceutical Industries—Medicine | 2,807 | | |
| Community Medicine—Research | 514 | | |
| Library Graduate Fees | 2,355 | | |
| Scanning Microscope Fund | 2,760 | | |
| Microprocessor Summer School | 502 | | |
| Departmental Xerox Copying Fund | 900 | | |
| Civil Engineering Special Fund | 12,251 | | |
| Centenary Appeal Funds | 3,117 | | |
| Botany—Phycology | 830 | | |
| Education Research & Development Com- | | | |
| mittee—Community Medicine | 338 | | |
| Colgate-Palmolive Pty. Ltd.—Dental Health | 8,923 | | |
| National Health & Medical Research Council | | | |
| —Anatomy | 1,465 | | |
| —Medicine | 2,164 | | |
| —Pathology | 4,880 | | |
| —Oral Biology | 2,351 | | |
| The Stirling Fund | 3,060 | | |
| Australian Research Grants Committee | 236,816 | | |
| | <u>451,702</u> | | |
| | | 4,970,783 | |
| Equipment written off | | 550,906 | |
| | | <u>\$4,419,877</u> | |

SCHEDULE 8.

Donations for Library—

| | | | |
|---|--------------|------------------|--|
| Barr Smith Library Fund | | 18,212 | |
| Grants and Donations for Library—Balance | | | |
| as at 31/12/76 (for details see 1976 | | | |
| Financial Statements). | | | |
| S.A. Tuberculosis Library Fund | 6 | 214,397 | |
| Australian Medical Association Fund | 162 | | |
| A. M. Simpson Fund | 95 | | |
| Australian Dental Association | 176 | | |
| Shorney Memorial Fund | 206 | | |
| Sir Wm. Mitchell Fund | 10 | | |
| T. E. Barr Smith Fund | 1,158 | | |
| Elizabeth Jackson | 23 | | |
| | <u>1,836</u> | 216,233 | |
| | | <u>\$234,445</u> | |

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31. December, 1977

| | \$ | \$ | \$ |
|--|---------|------------------|----|
| WAITE AGRICULTURAL RESEARCH INSTITUTE | | | |
| SCHEDULE 9. | | | |
| <i>Endowments—General—</i> | | | |
| Peter Waite | 200,061 | | |
| W. D. Grigg Estate | 42,123 | | |
| Elizabeth MacMeikan | 37,744 | | |
| Hugh Hughes | 72,146 | | |
| Ranson Mortlock Trust | 30,000 | | |
| Lily Waite | 20,000 | | |
| W. H. Sandland | 34,888 | | |
| J. T. Mortlock Estate—Experiment Land | 63,270 | | |
| Mrs. D. Mortlock | 738 | | |
| Alfred Hannaford | 372,256 | | |
| Sydney Gilmour Cooper Estate | 17,619 | | |
| Mrs. L. M. Owen-Smyth | 1,000 | | |
| E. S. Everard Estate | 267,761 | | |
| | | <u>1,159,606</u> | |

SCHEDULE 10.*Endowments for Laboratories—*

| | | | |
|---|--------|---------------|--|
| Mrs. Rosye Mortlock and Mrs. J. T. Mortlock | 20,000 | | |
| Sir John Melrose | 20,000 | | |
| Family Late John Darling | 20,000 | | |
| J. T. Mortlock | 4,000 | | |
| Empire Marketing Board | 6,000 | | |
| | | <u>70,000</u> | |

SCHEDULE 11.*Donations—*

| | | | |
|--|-----------|--|--|
| Donations and Grants for Buildings, Equipment and Furniture, Balance at 31/12/76 (for details see 1976 Financial Statements) | 1,622,399 | | |
| <i>Add Receipts during 1977:</i> | | | |
| Anonymous Donation | 3,507 | | |
| J. S. Davies Bequest | 2,639 | | |
| Mrs. D. Mortlock—Donation | 6,575 | | |
| Various Benefactors | 7,132 | | |
| Hannaford Estate | 1,000 | | |
| Rural Credits Development Fund— | | | |
| Plant Pathology | 1,736 | | |
| Agricultural Biochemistry | 519 | | |
| Agronomy | 37,344 | | |
| Barley Improvement Advisory Committee | | | |
| —Agronomy | 2,013 | | |
| —Plant Physiology | 1,938 | | |
| Australian Wool Corporation— | | | |
| Entomology | 706 | | |
| Australian Pig Industry Research Committee— | | | |
| Animal Physiology | 951 | | |
| International Rice Research Institute— | | | |
| Agricultural Biochemistry | 407 | | |
| Australian Chicken Meat Research Committee— | | | |
| Animal Physiology | 712 | | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 11 (continued) | \$ | \$ | \$ |
|---------------------------------------|--------|-----------|-------------|
| Australian-Asian Universities | | | |
| Co-operation Scheme | 1,516 | | |
| Commonwealth Wheat Industry— | | | |
| Plant Physiology | 13,464 | | |
| Agronomy | 19,511 | | |
| Agricultural Biochemistry | 472 | | |
| Australian Honey Research Advisory | | | |
| Committee— | | | |
| Entomology | 268 | | |
| S.A. State Wheat—Agronomy | 470 | | |
| Australian Meat Research Committee— | | | |
| Agronomy | 487 | | |
| Plant Pathology Consulting Fund | 238 | | |
| Department of Environment and | | | |
| Conservation— | | | |
| Animal Physiology | 1,706 | | |
| National Parks & Wildlife Service— | | | |
| Animal Physiology | 45 | | |
| S.A. Department of Agriculture— | | | |
| Plant Pathology | 1,483 | | |
| Bureau of Sugar Experiment Stations— | | | |
| Plant Pathology | 310 | | |
| Poultry Research—Animal Physiology | 705 | | |
| Australian Research Grants Committee | 19,704 | | |
| | | 127,558 | |
| | | 1,749,957 | |
| Written Off | | 18,968 | |
| | | | \$1,730,989 |

SCHEDULE 12.

Unexpended Balances and Grants—

| | |
|---|--------|
| Mortlock Crop Account | 21,897 |
| Mortlock Sheep Operating Account | 54,094 |
| Mortlock Cattle Operating Account | 89 |
| Agronomy Harvest Fund | 976 |
| Motor Vehicles Replacement Fund | 10,203 |
| Technicon Autoanalyser—Agronomy | 3,978 |
| Innoculum Sales | 2,078 |
| Special Fund | 431 |
| Department of Public Health—Entomology | 362 |
| Victorian Department of Agriculture— | |
| Agronomy | 84 |
| Realisation of Surplus Equipment | 2,825 |
| Casual Labour | 1,436 |
| Casual Labour—Agronomy | 6,103 |
| Casual Labour—Animal Physiology | 93 |
| C.S.I.R.O.—Agronomy | 7,650 |
| Agricultural Biochemistry—Consulting Fund | 224 |
| Entomology—Consulting Fund | 890 |
| Plant Physiology—Consulting Fund | 250 |
| Anonymous Donation for Animal Science | 14,686 |
| State Wheat Fund—Soil Science | 6,985 |
| Barley Fund—Agronomy | 54,615 |
| Sundry Grants-in-Aid | 4,791 |
| W.A. Department of Agriculture— | |
| Entomology | 115 |
| Nuffield Foundation Grant—Entomology | 1,358 |
| Aust. Meat Research Committee—Agronomy | 9,495 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31 December, 1977

| SCHEDULE 12 (continued) | \$ | \$ | \$ |
|--|----|--------|----|
| U.S. Surgeon General—Animal Physiology ... | | 787 | |
| German Academic Student Exchange— Grant in Aid—Plant Physiology | | 1,042 | |
| Bureau of Sugar Experiment Station—Plant Pathology | | 806 | |
| Cimmyt—Agronomy | | 96 | |
| S.A. Department of Agriculture— Plant Pathology | | 14,294 | |
| Dept. of Environment & Conservation— Animal Physiology | | 1,760 | |
| International Rice Research Institute— Grant in Aid—Soil Science | | 1 | |
| UTAH—Entomology | | 31,410 | |
| Australian Meat Research—Agronomy | | 3 | |
| Grant-in-Aid—F.A.O.—Agronomy | | 138 | |
| International Atomic Energy Agency— Agricultural Biochemistry | | 1,264 | |
| CAPEs—Grant in Aid—Entomology | | 123 | |
| Environmental Coast Protection Board— Entomology | | 1,090 | |
| U.N.E.S.C.O.—Grant in Aid— Plant Physiology | | 479 | |
| National Parks and Wildlife Service— Animal Physiology | | 365 | |
| Ninth International Congress of Soil Science College of Agriculture, Malaya— Agricultural Biochemistry | | 24 | |
| International Atomic Energy Agency— Agronomy | | 162 | |
| Aust. Barley Research Studentship— Agronomy | | 645 | |
| F.A.O. (United Nations)—Plant Pathology | | 1,209 | |
| Rural Credits Development Fund— Agronomy | | 20 | |
| Agronomy | | 232 | |
| Agronomy | | 23 | |
| Agronomy | | 499 | |
| Agronomy | | 200 | |
| Animal Physiology | | 1,434 | |
| Biometry | | 720 | |
| Plant Pathology | | 950 | |
| Plant Pathology | | 688 | |
| Grant in Aid—Cimmyt—Agronomy | | 277 | |
| Wool Scholarship—Animal Physiology | | 3,588 | |
| Department of Science— Australian Biological Survey | | 8,923 | |
| Australian Pig Industry Research Commit- tee—Animal Physiology | | 245 | |
| Australian Research Grants Committee— Administration—Quirk | | 14 | |
| Agricultural Biochemistry— Jackson | | 216 | |
| Wallace | | 45 | |
| Animal Physiology— Good & Macfarlane | | 72 | |
| Macfarlane | | 159 | |
| Sabine | | 353 | |
| Plant Pathology— Francki | | 900 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 12 (continued) | \$ | \$ | \$ |
|---|----|----------------|------------------|
| Liquid Nitrogen Account— | | | |
| Agricultural Biochemistry | | 710 | |
| C. S. Charlick Spurgeon Ltd.—Donation | | 100,000 | |
| Anonymous Donation to Library—Agronomy | | 13 | |
| Reserve for Fluctuation of Shares— | | | |
| A. Hannaford Estate | | 11,012 | |
| A. Hannaford Estate—Income | | 17,241 | |
| Australian Asian Universities Co-operation | | | |
| Scheme | | 2 | |
| Agronomy | | 706 | |
| Entomology | | 267 | |
| Soil Science | | 950 | |
| Commonwealth Wheat— | | | |
| Agronomy | | 5,518 | |
| Agronomy | | 5,132 | |
| Agronomy | | 4,025 | |
| Agronomy | | 1,630 | |
| Plant Pathology | | 259 | |
| Studentship—Plant Physiology | | 8,657 | |
| Soil Science | | 2,130 | |
| | | <u>439,216</u> | <u>\$439,216</u> |

SCHEDULE 13.

Funds Provided for Buildings, Fittings and Equipment by Government of South Australia—

| | | |
|------------------------------|------------------|--------------------|
| Equipment | 1,023,859 | |
| Library Books | 290,017 | |
| Buildings and Fittings | 641,945 | |
| | <u>1,955,821</u> | <u>\$1,955,821</u> |

SCHEDULE 14.

Funds Provided for Buildings, Fittings and Equipment by Commonwealth Government—

| | | |
|------------------------------|------------------|--------------------|
| Equipment | 734,529 | |
| Library Books | 189,219 | |
| Buildings and Fittings | 845,133 | |
| | <u>1,768,881</u> | <u>\$1,768,881</u> |

ASSETS — NORTH TERRACE

SCHEDULE 15.

Inscribed Stock—

| | | |
|--|----------------|--|
| Australian Consolidated 5%—15/2/82 | 1,000 | |
| Commonwealth Government 7%—15/2/86 | 100,210 | |
| Australian Savings Bonds 10.5% | 100,000 | |
| | <u>201,210</u> | |

Share and Stock Investments—

Electricity Trust Debentures—

| | | |
|--------------------------|----------------|--|
| 5% 1978 | 293,820 | |
| 5%—"B"—1980 | 10,920 | |
| 7.4% 1993 | 340,000 | |
| 7.2% 1982 | 2,200 | |
| 5% 1978 | 3,700 | |
| 7.2% 1980 | 2,100 | |
| 5%-10.3% 1980-1987 | 4,660 | |
| | <u>657,400</u> | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 15 (continued) | | \$ | \$ | \$ |
|---|-----------|---------|-----------|----|
| S.A. Gas Co. Bonds— | | | | |
| 7% | 1986 | 20,000 | | |
| 7% | 1985 | 900 | | |
| 5%-6% | 1980-1981 | 9,600 | | |
| 10·3% | 1978 | 16,300 | | |
| 9·8% | 1983 | 6,500 | | |
| 10·5% | 1986 | 10,000 | | |
| 10·5% | 1986 | 100,000 | | |
| 8% | 1981 | 210 | | |
| 7·5% | 1978 | 2,100 | | |
| 7½-10% | 1978-1981 | 464 | | |
| | | | 166,074 | |
| Composite Fund Investments Account | | | 3,321,421 | |
| Shares— | | | | |
| Share Investments | | 1,818 | | |
| E. C. Hoare Bequest | | 958 | | |
| Emma Jeffress Estate | | 12,200 | | |
| C. V. Crocombe Estate | | 7,400 | | |
| H. L. Heuzenroeder Estate | | 5,700 | | |
| E. H. Cobley Estate | | 5,400 | | |
| L. E. Bateman Estate | | 2,606 | | |
| Finance Corporation of Australia Ltd. | 16,400 | | | |
| M. S. McLeod Ltd | 5,000 | | | |
| (Postgraduate Foundation in Medicine) | | 21,400 | | |
| Jean B. Reid Estate | | 1,850 | | |
| T. A. Coombe Estate | | 29,248 | | |
| M. I. Hatwell Estate | | 5,731 | | |
| A. R. Riddle Estate | | 2 | | |
| E. W. Benham Estate | | 1,450 | | |
| E. Symmons | | 3,090 | | |
| V. M. Ballinger Estate | | 35,844 | | |
| J. J. Healey Estate | | 28,340 | | |
| R. M. L. Gummow Estate | | 19,690 | | |
| S. I. Robinson Estate | | 2,683 | | |
| H. E. Aldersey Estate | | 43,601 | | |
| O. R. Turner Estate | | 2,805 | | |
| Frank and Hilda Perry Trust | | 30,250 | | |
| H. M. Puddy Estate | | 27,959 | | |
| C. D. Odlum Estate | | 8,000 | | |
| C. M. Alexander Estate | | 7,000 | | |
| A. B. Aldam Estate | | 27,738 | | |
| Australian Resources Development Bank— | | | | |
| Transferable Deposits | | 850,000 | | |
| Michael Smyth Memorial Prize | | 2,200 | | |
| Darling & Co.—Certificates of Deposit | | 400,000 | | |
| K. P. J. Barley Memorial Fund—A.R.D.B. | | 5,000 | | |
| A. E. V. Richardson Estate | | 23,680 | | |
| H. A. Trigg Estate | | 4,452 | | |
| | | | 1,618,095 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 15 (continued) | \$ | \$ | \$ |
|--|-----------|------------------|--------------------|
| <i>Short Term Deposits—</i> | | | |
| Commercial Bank of Australia Ltd. 8·5% I.B.D. | 900,000 | | |
| Commonwealth Bank 9·65% | | | |
| Commercial Bills | 289,218 | | |
| Schroeder Darling and Co. Deposit .. | 1,420,076 | | |
| | | <u>2,609,294</u> | |
| | | | \$8,573,494 |
| Less Transfer to Investments Reserve | 3,672,068 | | |
| Transfer to Waite Institute | 734,941 | | |
| | | <u>4,407,009</u> | |
| | | | <u>\$4,166,485</u> |

SCHEDULE 16.

Buildings, Furniture and Fittings—

| | | |
|--|-----------|------------------|
| Bonython Hall | | 102,007 |
| Barr Smith Library | | 490,096 |
| Mitchell Building | | 150,478 |
| Physics Building | | 163,939 |
| Glasshouse, Department of Genetics | | 4,432 |
| Old Classics Wing | | 157,485 |
| Elder Conservatorium Building | | 70,674 |
| Darling Building | | 311,873 |
| Refectory Building, Offices, etc. | 2,472,473 | |
| Union Hall | 245,448 | |
| George Murray Building | 23,086 | |
| Lady Symon Building | 19,000 | |
| | | <u>2,760,007</u> |
| Johnson Chemistry Building .. | | 835,548 |
| Caretaker's Lodge | | 3,691 |
| Mathematics Building | | 206,248 |
| Mechanical Engineering Building | | 132,377 |
| Main Engineering Building .. | | 941,443 |
| Engineering Annexe .. | | 218,270 |
| Medical School | | 1,173,413 |
| Mawson Laboratories | | 756,735 |
| Oil Store | | 1,230 |
| Stores Building | | 371 |
| Benham Laboratories | | 112,611 |
| Observatory Building .. | | 15,000 |
| Organic Chemistry Building .. | | 575,506 |
| Seismograph Vault at Mount Bonython | | 6,682 |
| Seismograph Vault at Hallett | | 2,326 |
| Seismograph Vault at Cleve .. | | 3,522 |
| Prefabricated Hut and Fencing—St. Kilda .. | | 5,859 |
| University Maintenance Workshop .. | | 5,000 |
| New Glasshouse—Botany | | 6,133 |
| Napier Building | | 2,294,865 |
| R. A. Fisher Laboratories | | 1,472,290 |
| Development of Park 9 | | 42,035 |
| <i>Sporting Facilities—</i> | | |
| Change Room No. 2 Oval | | 13,728 |
| Bragg Laboratories | | 231,561 |
| Physical Education Building .. | | 282,145 |
| Mount Torrens Field Station .. | | 7,456 |
| Ligertwood Building .. | | 843,861 |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31 December, 1976

| SCHEDULE 16 (continued) | \$ | \$ | \$ |
|---|----|---------------------|----|
| Napier Forecourt and Underground | | | |
| Parking Station | | 244,236 | |
| Site Works | | 163,600 | |
| Library Complex—Stage I | | 380,800 | |
| Oliphant Wing | | 508,744 | |
| Demolition and Re-erection | | | |
| Maintenance Workshops | | 20,000 | |
| Safety Precautions | | 36,500 | |
| Library Complex II | | 3,788,485 | |
| University Club | | 179,500 | |
| Sporting Facilities— | | | |
| Squash Courts | | 42,342 | |
| Development West Beach | | 59,119 | |
| Union Bookshop | | 168,423 | |
| Radio Station Building—Wingfield | | 8,536 | |
| Henry Moore Sculpture | | 21,019 | |
| Wills and Hughes Building | | 3,717,667 | |
| Non Collegiate Housing | | 42,000 | |
| Computer Cabling | | 30,370 | |
| | | <u>\$23,812,238</u> | |
| SCHEDULE 17. | | | |
| <i>Other Lands and Buildings—</i> | | | |
| Martindale Hall and Land | | 80,306 | |
| Land and Fencing—Buckland Park | | 23,639 | |
| Seismograph Station Land—Cleve | | 50 | |
| Land at Surfers and Morgan held on behalf of the Sports Association | | 2,500 | |
| <i>MacKinnon Parade, North Adelaide Properties—</i> Numbers: 103, 105, 107, 109, 139 and 143 | | | |
| <i>Finniss Street, North Adelaide Properties—</i> Numbers: 25-27, 33, 35, 41, 43, 45, 73, 77-79, 83, 85, 89, 93 and 99. | | 259,178 | |
| | | <u>365,673</u> | |
| SCHEDULE 18. | | | |
| <i>Trust Funds Held by Trustees—</i> | | | |
| Rosye F. Mortlock | | 10,172 | |
| H. M. Lloyd | | 110,209 | |
| | | <u>\$120,381</u> | |
| SCHEDULE 19. | | | |
| <i>Cash, Stock in Hand and Sundry Balances—</i> | | | |
| <i>Current Balance—</i> | | | |
| Petty Cash—Revenue Office | | 300 | |
| <i>Materials Stock in Workshops—</i> | | | |
| Maintenance Workshop | | 14,802 | |
| Maintenance Workshop—Work in Progress | | 18,956 | |
| Instrument and Mechanical Workshop | | 1,023 | |
| Stores Account | | 17,934 | |
| Bulk Alcohol and Methylated Spirits | | 466 | |
| Petrol and Oil Stocks | | 137 | |
| Petrol Pump | | 1,793 | |
| <i>Sundry Balances—</i> | | | |
| Elder Hall Organ | | 28,078 | |
| Investment Interest accrued | | 169,223 | |
| The University of Adelaide Club | | 22,573 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1975

| SCHEDULE 19 (continued) | \$ | \$ | \$ |
|--|----|---------|----|
| Outstanding Workshop Accounts | | 338 | |
| Sundry Debtors General | | 757 | |
| Staff Association | | 2,456 | |
| Realization of Surplus & Obsolete Equip- ment—Applied Mathematics | | 259 | |
| I.M.V.S. (Pathology) | | 7,044 | |
| 10 loans to staff | | 5,528 | |
| Marxism and the Question of Asiatic Mode of Production | | 1,660 | |
| Angle Park Community Health Centre | | 36,500 | |
| Medline Computer Services— Bar Smith Library | | 131 | |
| Insurance Refunds | | 4,457 | |
| Radio Station 5UV | | 5,921 | |
| Loan—MacKinnon Pde. Child Care Centre S.A. Postgraduate Medical Association Inc. 1978 Study Leave | | 12,000 | |
| | | 3,919 | |
| | | 21,835 | |
| South Australian Tertiary Admissions Centre Sundry Debtors—Radio Station | | 1,702 | |
| | | 1,795 | |
| Waite Institute—Refectory | | 1,943 | |
| Commonwealth Funds due on Capital Works | | 160,800 | |
| Advance Salaries | | 50,004 | |
| J. H. Vaughan Endowment | | 1,014 | |
| Students' Travelling Expenses— Community Medicine | | 23 | |
| A.I.N.S.E.—Physics | | 159 | |
| Road Accident Research | | 23,163 | |
| C.S.I.R.O.—Radio Research Board— Electrical Engineering | | 455 | |
| Australian Water Resources Council— Zoology | | 2,114 | |
| Australian Society of Orthodontists' Foundation—Oral Biology | | 103 | |
| Bedford Industries Research Fellowship— Psychology | | 26,262 | |
| Utah Foundation—Zoology | | 560 | |
| Life Insurance Medical Research—Medicine A.I.N.S.E.—Physical and Inorganic Chemistry A.A.C.R.D.E.—Medicine | | 637 | |
| | | 42 | |
| | | 73 | |
| Australian Telecommunications Commission— Electrical Engineering | | 1,113 | |
| Irrigation Research—Civil Engineering | | 8 | |
| Australian Wool Research—Anatomy | | 158 | |
| Wool Research—Botany | | 134 | |
| Australian Extension Services—Economics NeuroSurgical Research Foundation of S.A. —Physiology | | 16 | |
| | | 8,342 | |
| Monarto Development Commission— Architecture | | 331 | |
| Australian Road Research Board— Civil Engineering | | 430 | |
| Wool Research—Biochemistry | | 743 | |
| Department of Housing and Urban Affairs —Geography | | 5 | |
| Adelaide Children's Hospital—Paediatrics Rothman's University Endowment Fund— Maths. Physics | | 69 | |
| | | 7,497 | |
| C.S.I.R.O. Studentship—Genetics | | 59 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 19 (continued) | \$ | \$ | \$ |
|---|---------|--------|----|
| Department of Aboriginal Affairs—Music | | 984 | |
| John Lewis Prize—Geography | | 10 | |
| Australian Society of Orthodontists Prize | | 40 | |
| I.B.M. Prize—Economic Statistics | | 40 | |
| Wormald Brothers Prize—Architecture | | 200 | |
| Centenary Appeal Fund— | | | |
| Donations Receivable | | 22,819 | |
| Australian Society of Accountants' Lecture | | 173 | |
| Anti-Cancer Foundation | 232,536 | | |
| English Department—Southern Review | | 1,139 | |
| Patents— | | | |
| Grain Threshing Machine | | 177 | |
| Controlling Plant Growth by | | | |
| Photoreceptor System | | 2,298 | |
| Solar Energy Air Conditioning | | 1,406 | |
| Controlling Irradiation in Plant | | | |
| Photoreceptor System | | 439 | |
| Investigation into the Properties of Concrete | | 1,072 | |
| Reginald Walker Bequest | | 7,126 | |
| N.H.M.R.C.—Income 1977 | | 3,482 | |
| N.H.M.R.C.—Oral Biology—Townsend | | 886 | |
| N.H.M.R.C.—Microbiology—Bloom | | 466 | |
| N.H.M.R.C.—Pathology—Cleary | | 4,880 | |
| N.H.M.R.C.—Physiology—Miles and Scroop | | 500 | |
| A.R.G.C.—Income 1977 | 39,876 | | |
| A.R.G.C.—Biochemistry—Rogers | | 33 | |
| A.R.G.C.—Environmental Studies— | | | |
| Hails & Gostin | | 4,525 | |
| A.R.G.C.—Mechanical Engineering— | | | |
| Davies & Bull | | 8 | |
| A.R.G.C.—Microbiology—Jenkin | | 51 | |
| A.R.G.C.—Microbiology—Reeves | | 20 | |
| A.R.G.C.—Physics—Sutton | | 12 | |
| Students Association—Student Loan Fund | 2,000 | | |
| Electron Microscope—Pathology Anatomy | | 716 | |
| Hospitals and Health Commission | | 374 | |
| Hospitals and Health Commission— | | | |
| Community Medicine | | 1,686 | |
| Come Out 1977—Radio 5UV | | 1 | |
| N. Stannus Gunning Endowment | | 8 | |
| Donations—Forbes Research—Medicine | | 341 | |
| Radio Research Board— | | | |
| Electrical Engineering | | 309 | |
| Aboriginal Advancement League—Music | | 89 | |
| Prime Minister's Department—Publication | | | |
| B.A.N.Z.A.R.E.—Mawson | | 4,099 | |
| Postgraduate Foundation in Medicine— | | | |
| F.C.A. Debentures | | 12,100 | |
| Executor Trustee Commonwealth | | | |
| Fund No. 1 | | 50,000 | |
| Australian Physiotherapy Association | | | |
| Library | | 345 | |
| Visiting Fellowships | | 2,851 | |
| Economic Library Fund | | 44 | |
| Bank of Adelaide Economics Library | | 209 | |
| Repairs MacKinnon Parade Child Care | | | |
| Centre | | 605 | |
| Australian Council for the Arts—Music | | 5,120 | |
| Union Salaries | | 33,321 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 19 (continued) | \$ | \$ | \$ |
|--|-----------|------------------|---------------------|
| Motor Vehicle Replacement Fund— | | | |
| Adult Education | | 319 | |
| Government Grants for Equipment | | 24,078 | |
| Departmental Maintenance Prespending | | 16,510 | |
| Commonwealth Government—1977— | | | |
| Recurrent Grant—Estimated Balance | | 347,000 | |
| A.R.G.C. 1978—Prespending | | 7,277 | |
| University Wind Quintet | | 549 | |
| Audio Visual Aids—Medicine | | 56 | |
| 151 Loans to Students—Fees and | | | |
| Maintenance (Commonwealth Govt.) .. | | 47,723 | |
| | | <u>47,723</u> | <u>\$1,550,772</u> |
| SCHEDULE 20. | | | |
| <i>Buildings in Progress—</i> | | | |
| 33 Park Terrace, Gilberton | | 102,525 | |
| 34-36 Park Terrace, Gilberton | | 53,081 | |
| Air Conditioning—University Club Building | | 23,918 | |
| Medical Sciences Building | | 2,558,292 | |
| MacKinnon Parade Student Housing and | | | |
| Child Care Centre | | 241,784 | |
| Non-Collegiate Housing North Adelaide— | | | |
| Capital Renovations | | 11,097 | |
| Sporting Facilities—West Beach | | 39,157 | |
| Glasshouse—Botany | | 36,363 | |
| Union Complex Additions | | 737,090 | |
| 101 Finnis Street | | 61,741 | |
| 123 MacKinnon Parade | | 44,240 | |
| 65 Finnis Street | | 29,742 | |
| Martindale Hall Renovations | | 32,607 | |
| Concert Hall | | 912,178 | |
| | | <u>912,178</u> | <u>\$4,883,815</u> |
| SCHEDULE 21. | | | |
| <i>Income and Expenditure Appropriation Account—</i> | | | |
| Accumulated Deficit at 31/12/76 | | | 451,074 |
| Less Transferred from Private Income | | | 296,106 |
| | | | <u>451,074</u> |
| Accumulated Deficit at 31/12/77 | | | <u>\$154,968</u> |
| SCHEDULE 22. | | | |
| <i>Equipment and Furniture—</i> | | | |
| Balance at 31/12/76 (for details see 1976 | | | |
| Financial Statements) | | 15,212,872 | |
| Add Purchased 1977 | | | |
| From S.A. Government Grants .. | 16,691 | | |
| From Commonwealth Government | | | |
| Grants | 1,304,706 | | |
| From Donations and Other Grants | 451,702 | | |
| From Accumulated Income | 6,495 | | |
| | | <u>1,779,594</u> | |
| | | 1,779,594 | \$16,992,466 |
| Deduct Written off during 1977 due to | | | |
| obsolescence— | | | |
| From S.A. Government Grants .. | 312,633 | | |
| From Commonwealth Government | | | |
| Grants | 473,928 | | |
| From Donations and Other Grants | 550,906 | | |
| | | <u>1,337,467</u> | |
| | | 1,337,467 | <u>\$15,654,999</u> |

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31 December, 1977

| SCHEDULE 23. | \$ | \$ | \$ |
|--|-------------------|-----------|---------------------------|
| <i>Library Books and Binding—</i> | | | |
| Balance at 31/12/76 (for details see 1976 Financial Statements) | | 5,950,779 | |
| Add Purchased 1977 | | | |
| From Commonwealth Government Grants | 903,755 | | |
| From Donations and Other Grants | 1,836 | | |
| | <u> </u> | 905,591 | |
| | | | <u><u>\$6,856,370</u></u> |

WAITE AGRICULTURAL RESEARCH INSTITUTE

| SCHEDULE 24. | | | |
|---|--|-------------------|-----------------------|
| <i>Share and Stock Investments—</i> | | | |
| Shares in Companies (Hannaford Estate) | | 50 | |
| E.T.S.A. Debentures 6·5% 1983 (Hannaford Estate) | | 1,463 | |
| E.T.S.A. Debentures 6·5% 1983 (Everard Estate) | | 372 | |
| | | <u> </u> | <u><u>\$1,885</u></u> |

| SCHEDULE 25. | | | |
|---|--|-------------------|-------------------------|
| <i>Funds Held by Trustees—</i> | | | |
| Peter Waite Trust Fund Investments | | 120,318 | |
| Elizabeth MacMeikan Trust Fund Investments | | 37,744 | |
| Hugh Hughes Estate—Trust Fund | | 72,145 | |
| | | <u> </u> | <u><u>\$230,207</u></u> |

| SCHEDULE 26. | | | |
|---|--|-------------------|-------------------------|
| <i>Land—</i> | | | |
| Urrbrae, Claremont and Netherby Estates ... | | 84,909 | |
| Alverstoke Estate | | 24,000 | |
| | | <u> </u> | <u><u>\$108,909</u></u> |

| SCHEDULE 27. | | | |
|--------------------------------------|--|--------|--|
| <i>Buildings—</i> | | | |
| Implement Shed and Workshop | | 2,252 | |
| Cereal Barn | | 4,029 | |
| Implement Shed No. 2 | | 2,166 | |
| Pot Culture House | | 24,278 | |
| Shearing Shed | | 3,172 | |
| Cool House No. 5B | | 17,065 | |
| Glasshouse No. 5 South Portion | | 2,159 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 27 (continued) | \$ | \$ | \$ |
|---|----|----------------|--------------------|
| Glasshouse No. 6 | | 314 | |
| Glasshouse No. 21 | | 5,204 | |
| John Melrose Laboratory | | 79,783 | |
| John Darling Laboratory | | 63,623 | |
| Ranson Mortlock Laboratory | | 38,776 | |
| A. E. V. Richardson Laboratory | | 180,701 | |
| East Wing Laboratory | | 242,814 | |
| Glasshouse No. 7 | | 7,600 | |
| Alterations to Urrbrae House | | 49,933 | |
| Insectary Building | | 39,351 | |
| Maintenance Workshop | | 19,063 | |
| Agronomy Field Laboratory—Pasture Barn ... | | 20,840 | |
| Glasshouse No. 8 | | 19,290 | |
| Agronomy Garage | | 5,869 | |
| Animal House—Agricultural Biochemistry | | 6,229 | |
| Central Animal House | | 51,851 | |
| Central Animal House Extensions | | 188,066 | |
| Farm Garages | | 2,585 | |
| Glasshouse No. 22 | | 5,042 | |
| Caretaker's Cottage—Urrbrae | | 9,842 | |
| Animal Pens—Animal Field Laboratory | | 49,015 | |
| Mortlock Experiment Station— | | | |
| Improvements | | 14,654 | |
| Field Laboratory | | 31,806 | |
| Library | | 120,000 | |
| Bee Research Laboratory | | 14,000 | |
| Head House for Glasshouses | | 27,994 | |
| Three Houses—Mortlock Experiment Station | | 30,549 | |
| Sub-station | | 3,145 | |
| Controlled Environment Building | | 25,623 | |
| Insectary Glasshouse | | 11,606 | |
| Horticultural Laboratory—Plant Physiology ... | | 29,000 | |
| Minor Works—Safety Precautions | | 3,000 | |
| Glasshouse—Agronomy | | 20,081 | |
| Alterations to Claremont House | | 6,229 | |
| Solvent Store | | 652 | |
| Radio Isotope Dispensary | | 4,663 | |
| Plant Pathology Field Laboratory | | 50,959 | |
| New Teaching Block—Agricultural Science ... | | 343,845 | |
| Extension for Animal Laboratory | | 202,903 | |
| Cattle Research Unit | | 28,287 | |
| Renovations to Main Building | | 41,500 | |
| Re-erection of Glasshouses | | 10,745 | |
| Repairs and Extensions to Dam | | 14,300 | |
| Charles Hawker Conference Centre | | 187,000 | |
| | | <u>187,000</u> | |
| | | | <u>\$2,363,453</u> |

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31 December, 1977

| SCHEDULE 28. | \$ | \$ | \$ |
|--|----|-------------------|--------------------|
| <i>Equipment, Furniture and Stocks—</i> | | | |
| Equipment and Furniture | | 3,081,083 | |
| Sheep Stock | | 7,162 | |
| Bulk Maintenance and Chemical Items | | 3,828 | |
| Mortlock Sheep Stock | | 14,239 | |
| Mortlock Cattle Stock | | 3,400 | |
| | | <u> </u> | <u>\$3,109,712</u> |
| SCHEDULE 29. | | | |
| <i>Library—</i> | | | |
| Purchased from Accumulated Income | | 3,997 | |
| Purchased from Government Grants | | 479,236 | |
| Library | | 18,249 | |
| | | <u> </u> | <u>\$501,482</u> |
| SCHEDULE 30. | | | |
| <i>Cash and Sundry Balances—</i> | | | |
| Petty Cash | | 100 | |
| Advance Account | | 600 | |
| Imprest for Casual Wages | | 1,500 | |
| <i>Commonwealth Wheat—</i> | | | |
| Agricultural Biochemistry | | 338 | |
| Agronomy | | 4,526 | |
| Agronomy | | 219 | |
| Agronomy | | 219 | |
| Agronomy | | 2,399 | |
| Plant Pathology .. | | 83 | |
| Plant Physiology .. | | 5,643 | |
| State Wheat—Soil Science | | 4,656 | |
| Barley Fund—Plant Physiology | | 51,398 | |
| <i>Rural Credits Fund—</i> | | | |
| Agricultural Biochemistry | | 1,543 | |
| Agronomy | | 8,083 | |
| Agronomy | | 13 | |
| Agronomy | | 38 | |
| Agronomy | | 2,262 | |
| Agronomy | | 646 | |
| Entomology | | 83 | |
| Entomology | | 20,741 | |
| Plant Pathology .. | | 2,296 | |
| Plant Pathology .. | | 2,644 | |
| Plant Pathology .. | | 6,157 | |
| Plant Pathology .. | | 9,529 | |
| Plant Pathology .. | | 1,500 | |
| Plant Physiology .. | | 869 | |
| Commonwealth Health—Plant Pathology .. | | 4,252 | |
| <i>National Heart Foundation—</i> | | | |
| Animal Physiology | | 431 | |
| P.G.H. Industries—Entomology | | 108 | |
| U.S.P.H.S.—Agronomy | | 39 | |
| <i>Wool Scholarship—</i> | | | |
| Agricultural Biochemistry | | 395 | |
| Entomology | | 727 | |
| Wool Research—Agricultural Biochemistry .. | | 23 | |

(continued next page)

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31 December, 1977

| SCHEDULE 30 (continued) | \$ | \$ | \$ |
|---|---------|-------------------|------------------|
| Department of Environment— Animal Physiology | | 565 | |
| Australian Academy of Science— Plant Pathology | | 192 | |
| Australian Asian Universities Co-operation Scheme | | 43 | |
| Australian Asian Universities Co-operation Scheme—Plant Physiology | | 4 | |
| Australian Chicken Meat Research | | 460 | |
| Honey Research—Entomology | | 615 | |
| Funds due to Waite Institute | 100,000 | | |
| Australian Meat Research—Agronomy | | 437 | |
| Poultry Research—Animal Physiology | | 364 | |
| Brookfield Zoo Wombat Reserve— Animal Physiology | | 210 | |
| Reserve Bank Fellowship— Agricultural Biochemistry | | 3,038 | |
| Department of Labour & Industry— Entomology | | 104 | |
| | | <u> </u> | <u>\$240,092</u> |

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|---|--|
| ARCHITECTURE and TOWN PLANNING | South Australian Housing Trust and Monarto Development Commission |
| | Director-General of Transport |
| | South Australian Housing Trust |
| | Premier's Department |
| | Cities Commission |
| | Australian Housing Research Council |
| ARTS | |
| <i>Anthropology</i> |Central Adelaide Regional Council for Social Development Australian Research Grants Committee |
| <i>Classics</i> |Australian Research Grants Committee |
| <i>Education</i> | Education Research and Development Committee |
| <i>English</i> | Australian Research Grants Committee |
| | Prime Minister's Department |
| <i>Geography</i> | Australian Research Grants Committee |
| <i>History</i> | Australian Research Grants Committee |
| <i>Psychology</i> | Australian Research Grants Committee |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> |
|---|--------|------------------|
| | \$ | 1978 |
| | | \$ |
| Monarto Development Commission Fellowship | 8,290 | — |
| Postgraduate Scholarships | — | 267 |
| Research into aspects of low/medium density metropolitan housing | — | 184 |
| S.A. Urban and Regional Planning Register | 7,927 | 671 |
| Adelaide Social Atlas Study | 425 | — |
| Population dynamics and social infrastructure | 5,480 | 7,120 |
| | | |
| Grant for Research | 296 | 1,037 |
| | | |
| Urbanization processes in a regional context | — | 14,913 |
| A Study of Bugis Trade | 2,386 | 3,820 |
| The Indian urban informal economy | — | 4,250 |
| A Three-Year Programme of Archaeological Excavation and Survey in Cyrenaica, Libya | — | 9,530 |
| The modern Australian oral tradition and its educational significance | 94 | 145 |
| Inequalities in achievement of ethnic group children | 3,363 | 6,722 |
| | | |
| William Blake's use of the Bible: an annotated Check-list of his Biblical References, in his Writings, Conversation and Graphic Work | 5,493 | 6,000 |
| Studies in Australian culture: a series of books on aspects of Australian culture and society from the 1890's | — | 14,701 |
| Studies of Australian Literature | — | 40 |
| Regional variations in weathering and landform development on granitic rocks | — | 1,000 |
| Origin of recently developed landforms | — | 14,233 |
| Distribution, morphology and genesis of pediments in different structural settings, with emphasis on their dissection and degradation | 15,661 | — |
| Past and future agricultural development on Eyre Peninsula | 6,118 | 6,500 |
| Trees and Men: The Changing Geography of the Forests of the United States | 5,544 | — |
| The changing Farm Structure of South Australia | 3,201 | 6,387 |
| A social study of New Zealand soldiers in the 1914-18 War, relating their wartime experiences to New Zealand society | — | 1,827 |
| A Study of the Court of Charles VI of France (1380-1422) | 1,200 | — |
| History of the Lau Group (Fiji) | 1,941 | — |
| Sensory reinforcement in rat and man | 8,580 | — |
| Attention, strategy and reaction time, with special reference to effects of fatigue, age and mental handicap | 13,706 | 13,274 |
| Choice, preference and control as motivational determinants in the context of sensory reinforcement behaviour | — | 11,403 |

(continued next page)

THE UNIVERSITY

Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|------------------------------------|--|
| <i>Psychology</i> | Bedford Industries Inc. Education Research and Development Committee |
| <i>Politics</i> | Australian Research Grants Committee |
| DENTISTRY | |
| <i>Oral Biology</i> | National Health and Medical Research Council |
| | |
| <i>Dental Health</i> | National Health and Medical Research Council Colgate Palmolive Pty. Ltd. Australian Kidney Foundation |
| | Australian Dental Research and Education Trust |
| | Australian Society of Orthodontists |
| ECONOMICS | |
| <i>Economics</i> | Australian Research Grants Committee |
| | Australian Extension Services |
| | Director-General of Transport |
| | Reserve Bank—Economic and Financial Research Fund |
| | |
| | Reserve Bank—Rural Credits Development Fund |
| | Reserve Bank—Economic & Financial Research Fund |
| | Wool Research Committee |
| ENGINEERING | |
| <i>Chemical Engineering</i> | Australian Research Grants Committee |
| | |
| | Monsanto Chemicals Ltd. |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 \$ | <i>Estimated</i> 1978 \$ |
|--|------------|--------------------------------|
| Research Fellowship | 19,936 | 15,000 |
| Grant for Research | 31,147 | 33,000 |
| Thomas Playford (1837-1915): A biography of a Colonial and Federal politician | — | 10,649 |
| Investigation of the pathways for the control of release of oxytocin and vasopressin from the posterior pituitary and median eminence of the rat | 6,354 | 8,919 |
| Studies on the Cariogenic Micro-organism, Streptococcus Mutans | — | 3,100 |
| Post Graduate Research Scholarship | 12,198 | — |
| Epithelial Cell Responses Relative to Tissue Integrity | — | 17,512 |
| The effect of Experimental Tooth Movement upon the Ocytalan Fibre and Capillary Fenestrae | — | 6,801 |
| Dentifrice research | 15,536 | 15,000 |
| Release of antidiuretic hormone in rat | 2,000 | — |
| Epidemiology of clefts of the primary and secondary palate in South Australia | 62 | 54 |
| Grant for Research | 729 | — |
| Technological change in Australian agricultural development | — | 3,569 |
| Industrial relations under Prime Minister Chifley (1945-9) | — | 6,141 |
| Research Management in Australian Agricultural Research | 3,380 | — |
| Postgraduate scholarship | — | 505 |
| The structure of the market for Australian wool | — | 7,337 |
| Merger and Take-over Activity in Australia | 2,351 | 3,649 |
| Australian Manufacturing Industry | — | 400 |
| Investigation into Australian Transport Industry | — | 462 |
| Monetary Policy in Australia | 2,996 | — |
| Diffusion of Trace Element Technology in South Australia | 2,747 | 5,450 |
| The effects of Concentration & Tariffs on Manufacturing Industry | — | 1,000 |
| Post-graduate programme in Wool Economics | 29,308 | 33,000 |
| The microstructure and properties of steels | 2,500 | 11,654 |
| Dependence of bulk properties of polymers on their molecular properties | — | 7,700 |
| Heat and mass transfer in gas, liquid fluidized beds | — | 150 |
| Very low-pressure pyrolysis of Unsaturated Hydrocarbons | 2,626 | 15,779 |
| General support for research in Chemical Engineering | 284 | — |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|-------------------------------------|--|
| | N.H. and M.R.C. |
| | Esso Standard Oil (Aust) Ltd. |
| | Softwood Holdings Ltd |
| | State Energy Research Advisory Committee |
| | Australian Atomic Energy Commission |
| <i>Electrical Engineering</i> | Australian Research Grants Committee |
| | General Motors-Holden's Pty. Ltd. |
| | Esso Standard Oil (Aust.) Ltd. |
| | Electrical Research Board |
| | Radio Research Board |
| <i>Civil Engineering</i> | Australian Research Grants Committee |
| | Department of Marine and Harbors |
| | Australian Road Research Board |
| | Seaside Councils Committee |
| | Rainspray Sprinklers |
| | Esso Standard Oil (Aust) Ltd. |
| | South Australian Salt Damp Research Committee |
| | Cement and Concrete Association |
| | Australian Welding Research Association |
| <i>Mechanical Engineering</i> | Australian Research Grants Committee |
| | Australian Institute of Nuclear Science and Engineering |
| | National Coal Research Committee |
| | Esso Standard Oil (Aust) Ltd. |
| | Department of Labour and Industry |
| | Grant, Spence and Associates Pty. Ltd. |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|---|--------|--------------------------|
| | \$ | \$ |
| Reaction for Dental Alloys with Mercury | 10,745 | 11,470 |
| Postgraduate Research Scholarship | — | 10,744 |
| General support for research in Chemical Engineering | — | 1,370 |
| Grant for research in Chemical Engineering | 49 | — |
| Alternative Sources of Energy | — | 7,500 |
| Internal friction studies of pre-yield phenomena in steels | 1,390 | — |
| Signal processing for predictive coding of speech wave forms | 2,576 | — |
| Passive Code Responding devices | — | 6,550 |
| Fellowship | 978 | 4,300 |
| General support for research | — | 698 |
| Control of variable speed drives | 733 | 1,467 |
| System voltage and damping control | — | 5,664 |
| Fast Real Time Digital Processor Hardware | 2,371 | 1,830 |
| Integration of the Passive Subharmonic Transponder | 783 | 167 |
| Random and logical operations in signal processing | 1,170 | — |
| Speech Communication and Assessment | 4,889 | — |
| Computer Aided Design | 635 | 577 |
| Dynamic Response of Structures | 1,485 | — |
| A method for field measurement of strength and settlement parameters for stiff clays | — | 5,419 |
| Processing of records from wave recorders | 315 | — |
| Shrinkage and creep of high strength concrete | 2,494 | 206 |
| Beach Erosion Studies | 130 | — |
| Irrigation research | 689 | 342 |
| The advancement of engineering studies | — | 500 |
| Salt Damp Research | — | 10,000 |
| Support for general research in engineering | 1,057 | — |
| The effect of Root Gaps on Static and Cyclic Strengths of Cruciform Welded Joints | — | 1,500 |
| Study of Sound radiation by Holography | 28,829 | 15,790 |
| Natural-Convective Heat Transfer in an Inclined Channel with Flow Restrictions at Inlet and Exit | 7,520 | 4,000 |
| Turbulent mixing—structure, noise, chemical reaction | 67,379 | 25,411 |
| Effects of Flow Disturbances on Noise Radiation from Pipes | 8,720 | 4,880 |
| Gravitational stability and atmospheric turbulence | — | 7,740 |
| Reactive acoustic attenuators for duct flow | 5,204 | 5,500 |
| Flow Control in Wide Angle Diffusers | 15,434 | 13,008 |
| Development of laminar natural-convective flow in a vertical duct heated in a prescribed manner | 1,835 | 305 |
| Research on a coal-fired rotating fluidised bed Combuster | — | 6,500 |
| General support for the advancement of engineering | 56 | 1,216 |
| Noise Control | 33,383 | 16,956 |
| General support for the advancement of engineering | 1,817 | 5,800 |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|-----------------------------------|---|
| LAW | Australian Research Grants Committee |
| | Government of South Australia |
| MATHEMATICAL SCIENCES | |
| <i>Applied Mathematics</i> | Australian Research Grants Committee |
| <i>Mathematical Physics</i> | General Motors-Holden's Pty. Ltd. |
| | Australian Research Grants Committee |
| <i>Mathematics, Pure</i> | Rothman's University Endowment Fund |
| | Australian Research Grants Committee |
| MEDICINE | |
| <i>Anatomy</i> | Australian Research Grants Committee |
| | The Population Council |
| | Australian Wool Corporation |
| | National Health and Medical Research Council |
| <i>Medicine</i> | National Health and Medical Research Council |
| | Smith, Kline & French Laboratories Ltd |
| | Clive and Vera Ramaciotti Foundations |
| | Pharmaceutical Industry Donors |
| | Australian Tobacco Foundation |
| | Department of Public Health |
| | The Life Insurance Medical Research Fund |
| | Education Research and Development Committee |
| <i>Pathology</i> | National Health and Medical Research Council |
| | National Heart Foundation |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|--|--------|--------------------------|
| | \$ | \$ |
| An annotated bibliography of primary and secondary source materials on Australian legal history | — | 13,154 |
| Royal Commission into the non-medical use of drugs | 176 | 4,324 |
| Behaviour of ships in restricted water | 18,040 | 18,000 |
| Mathematical Models for Performance and Congestion Control in Overloaded Telecommunications Networks | 2,014 | 13,610 |
| Development of Three Dimensional Spatial Model of Tide Propagation in Shallow Waters | — | 10,200 |
| A New Analytical Method for the Calculation of Body-induced Free-surface Water Waves and its Experimental Verification | 3,920 | 13,201 |
| Post-graduate studentship in traffic theory | — | 468 |
| Infinite-dimensional Lie algebras and physical applications | 14,945 | — |
| Massless fields and CCR'S | — | 8,750 |
| Fellowship | 13,900 | — |
| Measures on groups—mathematical monograph | — | 1,000 |
| An Investigation of Parametric Minimal Surfaces, Capillary Surfaces and Related Surfaces, with emphasis on Topological Properties and Boundary Behaviour | 13,476 | 17,741 |
| Determination of environmental factors that regulate the breeding condition of the hopping mouse, <i>Notomys Alexis</i> | 1,000 | — |
| Studies on the Role of Pineal Gland in Reproduction | 1,500 | — |
| Genetic improvement of the Strong Wool Merino | 1,246 | — |
| Uptake and fate of ferritin in the uterine luminal epithelium of the rat during preimplantation | 1,672 | — |
| Immuno-labelling studies on transplantation antigens | 10,302 | 9,808 |
| Postgraduate Research Scholarship | 10,745 | 11,470 |
| Studies on the specific local and systemic antibody responses to enteric bacteria in ulcerative colitis | 15,653 | 18,018 |
| Research studies on cimetidine | 2,211 | 9,000 |
| An investigation into the problem of the supply of patients for clinical teaching in an Australian Medical School | 35 | 3,839 |
| General support for research in clinical pharmacology | 10,120 | 950 |
| The effects of smoking on colostral and milk antibody preparation | 7,338 | 8,400 |
| Measurement of mercury levels in people who are large eaters of fish | 488 | 162 |
| Research on thrombosis and atherosclerosis; lipid metabolism of organising thrombi | 5,916 | 637 |
| Grants for research | 10,969 | — |
| Proteoglycans in the arterial wall during development with ageing and disease | 26,240 | — |
| Cytogenetic studies on Herpes Virus induced cell transformation | 8,352 | — |
| Study of vascular smooth-muscle cells in culture | 1,623 | 377 |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|--|---|
| <i>Psychiatry</i> | Roche Products Pty. Ltd. National Health and Medical Research Council |
| <i>Obstetrics and Gynaecology</i> | National Health and Medical Research Council Sandoz Aust. Pty. Ltd. Hospitals & Health Services Commission Allen & Hanbury Ltd. |
| <i>Paediatrics</i> | Australian Kidney Foundation Ciba-Geigy Aust. Ltd. Adelaide Children's Hospital Research Trust The Life Insurance Medical Research Fund .. |
| <i>Surgery</i> | Boehringer Ingelheim Pty. Ltd. Prime Minister's Department Office of Aboriginal Affairs |
| <i>Community Medicine</i> | National Heart Foundation of Australia Australian Research Grants Committee Commonwealth Department of Health ... Australian Department of Health Education Research and Development Committee National Health and Medical Research Council |
| MUSIC | Australian Research Grants Committee Australia Council Aboriginal Advancement League Premier's Department Department of Aboriginal Affairs Australian Academy of the Humanities Premier's Department, S.A. |
| SCIENCE | |
| <i>Biochemistry</i> | Australian Research Grants Committee |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|---|-----------|--------------------------|
| | \$ | \$ |
| General support for research in psychiatry | — | 3,820 |
| Depression and Chronic Pain | — | 11,933 |
| Attempted suicide: A study of factors which may distinguish life threatening attempts from those which appear super- ficially trivial | 4,851 | — |
| Life events and gastrointestinal disease: nature of causal link | 6,457 | — |
| Intraovarian factors in the regulation of ovarian function | 12,852 | 12,438 |
| The Pineal gland: its role in reproductive development and during pregnancy | 12,842 | 12,438 |
| General support for the advancement of medical science in the field of obstetrics | 410 | 410 |
| Assessment of Efficiency & Effectiveness of Obstetrics | 5,790 | 1,210 |
| Research Fellowship | 3,250 | — |
| General support for research in the Department of Paediatrics | 1,625 | 47 |
| Travel | 450 | 1,230 |
| Research in Paediatrics | 12,308 | 33,000 |
| The biochemical basis of mode of action of various coronary vasodilators | — | 1,145 |
| Travel | — | 880 |
| Studies in Aboriginal Nutrition | — | 695 |
| Baroflexes in hypovolaemia and shock states | 6,091 | 659 |
| A Biography of Timothy Augustine Coghlan | 8,905 | 8,027 |
| Evaluation of home help services | — | 11,250 |
| Grant for Research | 3,175 | — |
| Teachers, their context, and how they cope with it | 18,325 | 23,000 |
| The bacteriology and epidemiology of acute otitis media in childhood | 11,852 | — |
| Baroreceptor Reflex in the Unanaesthetized Rabbit | — | 18,862 |
| Karl Amadeus Hartmann and the Symphonic Music of German Expressionism | 8,206 | 5,345 |
| The Life and Work of Jean-Nicolas Bouilly (1763-1842) | — | 3,538 |
| Programme in Music—Education for Aborigines in South Australia | 65,064 | 55,000 |
| Programme in Music—Education for Aborigines in South Australia | — | 7,518 |
| Programme in Music—Education for Aborigines in South Australia | 1,896 | 1,444 |
| Special work project—interpreter for Aboriginal music programme | 6,360 | 1,000 |
| General support for musicology | — | 400 |
| Senior Composition Fellowship | 23,729 | 750 |
| The ATP-Dependent Reductive Carboxylation of Oxo-Glutarate | 5,706 | — |

(continued next page)

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|--|--------|--------------------------|
| | \$ | \$ |
| Nucleotide Sequences and the Co-Ordinated Control of Specific Eukaryotic Genes | 6,928 | 38,459 |
| The virus-host relationship as studied with temperate coliphage | 6,052 | 9,500 |
| Biochemistry of infection of the multicomponent cucumber mosaic virus | 17,014 | 12,395 |
| Molecular mechanisms in the control of keratin synthesis (in the developing feather) | 26,530 | 8,124 |
| Vectorial transport of proteins across membranes | 20,030 | 28,206 |
| Organisation and Possible Dosage Compensation Mechanisms of Ribosomal Genes in Marsupial Species | 5,237 | 1,500 |
| The mechanism of action of pyruvate carboxylase in sheep | 12,210 | 11,556 |
| The Study of the cause of Acute Intermittent Porphyria with a view to Rational Therapy | — | 27,628 |
| Structure of biochemical aspects of Keratinization | 5,807 | 3,000 |
| Queen Elizabeth II Fellowships | 6,294 | 4,500 |
| Virus Biochemistry and Molecular Biology | 371 | 1,385 |
| An analysis of petrified coniferous remains from the Winton area of Queensland | 1,069 | 1,000 |
| Cuticular Analysis of Eocene Vegetation | 4,445 | 6,805 |
| Biostratigraphy and palaeobotany of three southern Australian tertiary Megafossil Floras | — | 2,700 |
| The comparative morphology, taxonomy and relationships of the marine algae of Southern Australia. (a) An Algal Flora, (b) Critical survey of the <i>Rhodophyta</i> . (c) Completion of Certain Generic Revisions | 18,351 | 15,957 |
| Limnology of Adelaide water supply reservoirs | 1,047 | 900 |
| Links between metabolism and ion uptake in plant cells | 1,150 | 1,400 |
| Ion movement and phosphorylation in plant mitochondria and chloroplasts | 7,205 | 52,290 |
| Amino acid sequences of plant proteins | 7,617 | 1,825 |
| Investigation of the factors controlling phytoplankton growth in selected South Australian water bodies | 534 | — |
| Sinking rates of natural populations of phytoplankton | — | 4,150 |
| Post-graduate research scholarships | 4,975 | — |
| The nature and structure of genes controlling obligate parasitism | 8,278 | 8,304 |
| Genetics of somatic cell hybrids | 9,980 | 6,939 |
| Australian late Precambrian glaciations in Southern and Central Australia | 2,872 | 3,061 |
| Tectonic significance of the Halls Creek and King Leopold orogenic domains | — | 3,856 |
| Comparative investigation of the structure and magnetic fabrics of the basement inliers of the Adelaidean Fold Belt | 1,717 | 1,060 |
| Biostratigraphy and Palaeontology across the Precambrian-Cambrian Boundary in Australia | 4,391 | 2,965 |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|--|--|
| <i>Geology (continued)</i> | Australian Research Grants Committee |
| | Esso Exploration (Aust) Ltd. |
| | Mines Exploration Pty. Ltd. |
| <i>Geology, Economic</i> | Australian Research Grants Committee |
| | Broken Hill Mining Managers' Association |
| | Esso Exploration (Aust) Ltd. |
| <i>Human Physiology and Pharmacology</i> | Australian Kidney Foundation |
| | National Health and Medical Research Council |
| | Life Insurance Medical Research Fund |
| | Australian Tobacco Foundation |
| <i>Microbiology</i> | Australian Research Grants Committee |
| | National Health and Medical Research Council |
| | Clive and Vera Ramaciotti Foundation |
| | World Health Organisation |
| <i>Organic Chemistry</i> | Australian Research Grants Committee |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|--|--------|--------------------------|
| | \$ | \$ |
| Study of Reactions Involving Alumino-silicates and Related Phases in Pelitic Metamorphites of the Adelaide and Olary Regions | 508 | 508 |
| Nature of the Archaean Crust: Granite-Sediment relationships in the Yilgarn Greenstone Belt of Western Australia | 14,047 | — |
| Nature of Archaean Crustal development: a geochemical-petrological investigation of silicic volcanic and plutonic complexes | 17,253 | 15,726 |
| General support for research in Geology | — | 3,600 |
| Structural Research at the Kanmantoo Mine | 90 | — |
| Primary and Metamorphic Features and alteration Zones of Deformed Massive Sulphide Deposits | 1,510 | 7,100 |
| Remote Sensing of Geological Targets Using Vector Analysis of LANDSAT band ratios based on airborne spectroradiometer data | 6,870 | 15,211 |
| Study of the relationship between ore lenses, garnet quartzite and garnet sandstone | 1,751 | — |
| General Support for research in Economic Geology | — | 1,000 |
| The role of reno-renal reflexes in the control of renin secretion | 2,948 | 52 |
| Effects of cadmium on the cardiovascular system and the liver | 13,852 | — |
| Drug Toxicology in isolated Hepatocytes | — | 8,672 |
| Extraneuronal uptake and inactivation of biogenic amines | 30,983 | 29,608 |
| Development of Somatosensory Coding | 500 | — |
| Angiotensin and brainstem vasomotor mechanisms | 11,725 | 1,250 |
| The interaction of nicotine and renin—Angiotensin System | 4,631 | 619 |
| Biochemical steps in the immune response of invertebrates | 7,135 | 8,865 |
| Outer membrane protein function with emphasis on their role in recipient functions during conjugation | 13,618 | 30,464 |
| Starvation and antibacterial resistance | 11,470 | 12,198 |
| Immunity to enteric infection | 42,281 | 40,218 |
| Induction of immunity to tumours | 18,224 | 20,956 |
| Postgraduate Research Scholarship | — | 10,744 |
| Induction of immunity to a metazoan parasite | 18,772 | 18,143 |
| Grant for Research | 799 | 6,900 |
| Gut associated immunity to cholera | 2,100 | 3,095 |
| Ion Cyclotron Resonance Studies | 13,173 | 14,551 |
| Electron Impact Studies | 7,099 | 8,016 |
| The synthesis of terpenoids from <i>eremophila</i> species | — | 1,400 |
| Reactions of organic compounds in close packed monolayers | 14,902 | 13,900 |
| Structure determination and synthesis in the terpenoid field | 1,792 | — |
| Intramolecular radical reactions | 14,990 | 13,551 |
| Synthesis of CNS active caprolactam derivatives | — | 12,454 |
| N.M.R. Studies of reactions, interactions and structures in solution | 35,783 | 22,598 |
| Gas Chromatography/Mass Spectrometric Studies | 27,190 | 13,098 |

(continued next page)

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|---|--------|--------------------------|
| | \$ | \$ |
| Some aspects of Cyclooctatetraene Chemistry | — | 11,654 |
| Synthesis of analogues of the alkaloid, bicuculline | — | 1,000 |
| Isomeric hexamine-type cobalt (III) complexes with poly- ethyleneamine ligands: Specific syntheses of isomers, and study of isomerisation reactions | — | 4,770 |
| Reactions of Dinitrogen Complexes of Molybdenum and Tungsten | 1,938 | 1,500 |
| Transport Properties of Gases and Liquids | 31,603 | 27,248 |
| A comparative study of some metal complexes containing a single labile site with the enzyme carbonic anhydrase | 2,016 | 16,415 |
| The interaction of biological macromolecules particularly DNA, polynucleotides and self-associating proteins with organic and inorganic ions | 18,891 | 4,675 |
| Organometallic mass spectrometry | 14,590 | 14,403 |
| Thermodynamic properties of normal-alkane and cyclo-alkane mixtures | 500 | — |
| The role of complexing in Polymerization and related re- actions | 1,717 | 5,160 |
| New Group IB Metal Chemistry | 16,349 | 14,579 |
| Mechanism in Crystal Structure Transformations | 13,453 | 6,150 |
| Interaction of DNA with reporter molecules and with platinum complexes | 13,063 | 15,478 |
| Electron transfer reactions of CT excited states of transition metal complexes | 13,838 | 20,562 |
| Fluoride Complexes of Organometallics | 3,560 | 10,704 |
| Use of deuterated compounds to study the mass dependence of the self and tracer diffusion coefficients of simple organic molecules | 1,800 | — |
| Ion transport in mixed solvents at high pressure | 10,945 | — |
| A comparative study of the behaviour of block copolymers in solution by osmometry | — | 1,400 |
| A nuclear magnetic resonance study of the factors determining solvent lability in metal complexes | 800 | — |
| The anti-tumour activity of platinum metal complexes | — | 14,500 |
| Alternative sources of energy | — | 12,442 |
| Reactions of inorganic radicals in solution | 562 | 16 |
| Research Fellowship | 9,348 | — |
| Research Grant | 517 | 552 |
| Medium frequency ionospheric and meteor investigations using a large antenna array | 11,887 | 14,308 |
| Upper atmosphere winds from radio observations of meteors ... | 5,094 | 3,900 |
| Photodisintegration of atmospheric gases | 8,076 | 4,000 |
| Atmospheric absorption of solar ultraviolet radiation | 3,554 | — |
| Interplanetary Scintillation of Radio Sources | 7,868 | — |
| Thermoluminescent dating for Archaeology | 5,863 | 6,380 |
| Studies of Cosmic Ray Air Showers | 20,949 | 17,812 |
| Observations of upper atmosphere winds at low latitudes and during a total eclipse of the sun | 17,620 | 5,000 |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|---------------------------------------|---|
| <i>Physics (continued)</i> | Australian Research Grants Committee |
| | C.S.I.R.O. Radio Research Board |
| | Prime Minister's Department |
| | Department of National Resources |
| | Department of Mines, S.A. |
| <i>Mawson Institute</i> | Australian Research Grants Committee |
| <i>Statistics</i> | N.H. and M.R.C. |
| <i>Zoology</i> | Australian Research Grants Committee |
| | Wool Research Trust Fund |
| | Utah Foundation |
| | Australian Biological Resources Study |
| | Water Research Foundation of Australia Ltd. |
| | Department of the Environment and |
| | Conservation |
| | National Parks & Wildlife Service |
| <i>Electron Microscope Unit</i> | Australian Research Grants Committee |
| ROAD ACCIDENT | |
| RESEARCH UNIT | Australian Department of Transport |
| MISCELLANEOUS | |
| <i>Centre for Asian Studies</i> | The Japan Foundation |
| <i>Adult Education</i> | Australian Department of Aboriginal Affairs |
| <i>Physical Education</i> | National Fitness Council of South Australia |
| <i>Environmental Studies</i> | Australian Research Grants Committee |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|---|---------|--------------------------|
| | \$ | \$ |
| Seismicity and crustal structure of South Australia | 4,581 | 4,900 |
| Remote Sensing of Winds and Density Fluctuations in the Lower Atmosphere using Optical Methods | 2,110 | 4,880 |
| Cosmic ray anisotropy at 10 ¹⁶ eV | — | 800 |
| Trace Constituents of the Lower Atmosphere | 12,042 | 6,500 |
| Cosmic Ray Intensity Variations since the Pleistocene | 22,040 | 17,993 |
| Determination of the Optical Constants of Thin Films and Bulk Specimens of Semi Conductors & Metals | 2,000 | 2,500 |
| Microearthquake Activity associated with Geological Faults | 6,450 | 700 |
| Seismic Risk in Eastern Australia | 14,368 | — |
| New wide band method for the study of radio noise | 1,160 | 2,155 |
| Acoustic studies of atmospheric irregularities | 1,711 | 2,026 |
| Remote sensing of the refractive index microstructure | 4,125 | — |
| Study of the stability of Ionospherically propagated trans- missions | 948 | 84 |
| Postdoctoral Fellowship | 10,135 | — |
| Queen Elizabeth II Fellowships | 7,643 | 907 |
| Operation of World Wide Seismograph System | 12,945 | 9,500 |
| Seismic recording programme in the South East of South Australia | 19,672 | 28,000 |
| Seismic Recording in the Red Cliff Area | 15,210 | 19,790 |
| High latitude thermospheric winds, temperatures and electric fields | 15,417 | 3,695 |
| Preparation of age specific life tables for women with breast cancer | 1,200 | — |
| Ecology and life history of mussels in the River Murray | — | 1,400 |
| Cardiovascular Physiology of Snakes | 8,297 | 1,963 |
| The Evolution and Phylogenetic Relationships of Australian Frogs | 4,537 | 2,100 |
| Taxonomic and Ecological Studies of Australian freshwater <i>Amphipoda</i> and <i>Atyidae</i> | 5,635 | 5,560 |
| Biochemistry of elasmobranch erythrocytes | — | 1,500 |
| Post-graduate scholarship | 583 | — |
| Survey of Frogs of the north of Western Australia | — | 4,380 |
| Taxonomic Studies of the Australian Anostraca | 597 | 203 |
| Limnology of Lake Alexandrina | 1,400 | — |
| Nutrient, major ion and heavy metals budgets within aquatic ecosystems | 10,082 | — |
| Telementary Equipment—K.I. Wallabies | 2,836 | 164 |
| The permeabilities of vessels and interstitial tissues | 16,668 | 11,400 |
| In depth study of accidents in Adelaide urban area | 142,788 | 140,000 |
| Tutorship in Asian Studies | — | 10,000 |
| Publication of 'Alice in Wonderland' in Pitjantjatjara | — | 3,911 |
| Research project concerning aerobic fitness of school children | 58 | 63 |
| Submarine Geology, Sediment Transport, and Quaternary History of the Upper Spencer Gulf, South Australia | 16,440 | 52,634 |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> | |
|--------------------------------|---|---|
| <i>Radio Station 5UV</i> | Australian Department of Education | |
| | Arts Advisory Council | |
| | Australia Council | |
| | Australian Schools Commission | |
| | South Australian Government | |
| | Education Research and Development Committee | |
| | <i>WAITE INSTITUTE</i> | |
| | <i>Agricultural Biochemistry</i> | Australian Research Grants Committee |
| | | Australian Wool Board |
| | | Reserve Bank— Rural Credits Development Fund |
| | Wheat Industry Research Council | |
| | Department of the Environment and Conservation | |
| | College of Agriculture, Malaya | |
| | International Atomic Energy Agency | |
| <i>Agronomy</i> | Australian Research Grants Committee | |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|---|--------------------|--------------------------|
| | \$ | \$ |
| Radio Innovation Programme | 1,033 | 4,747 |
| So you want to put on a play | — | 2,000 |
| Schools Programmes | 1,088 | 540 |
| Band Movement in South Australia | — | 2,793 |
| Community Arts Programme—"Writer's Radio" | 3,000 | — |
| Studio Two Equipment | — | 11 |
| Jazz Rock & Blues | — | 1,931 |
| Seminar on Australian Literary Magazine | — | 4,000 |
| Ethnic Group Programmes | 1,751 | 1,049 |
| "A Class of Your Own"—project | 4,539 | 1,956 |
| Social Work for Teachers | — | 5,990 |
| Local ethnic music | — | 1,117 |
| Socio linguistics | — | 2,398 |
| Local Fine Music | — | 550 |
| Matriculation Music | 561 | 3,278 |
| Audience survey of listeners to Educational Radio and evaluation of Radio Programmes | 808 | 1,052 |
| | <u>\$1,957,509</u> | <u>\$2,089,103</u> |
| Endogenous acetate production and ketogenesis in sheep liver | — | 3,100 |
| The role of boron in plant cells | 800 | 1,000 |
| Soil Organic Fractions with Biological Significance | 1,500 | 1,700 |
| Regulation of the level of nitrate reductase in the maize seed- ling (zea mays) | 1,000 | 1,000 |
| Study of enzymic processes of hydroxylation in plants | 1,000 | 1,500 |
| Oxidase and reductase enzyme systems in nitrifying bacteria | 2,080 | 4,250 |
| Metabolism of inorganic sulphur compounds in micro-organisms and plants | 4,796 | 6,000 |
| Cation Dependent Inositol Polyphosphate Conformations | 1,000 | 1,000 |
| Scholarship | 224 | — |
| Interactions between nitrogen and phosphorus assimilation | 10,779 | 8,516 |
| Wheat Improvement Research | 3,458 | 928 |
| Freshwater Lakes Project | 3,149 | — |
| Support of postgraduate student | — | 410 |
| Research on Bacterial leaching of uranium ores | 1,195 | 1,263 |
| The application of the ideotype concept to a barley breeding programme | — | 6,800 |
| Metabolism of seleno methionine in sheep | — | 2,000 |
| Amino Acid utilisation by sheep | 11,683 | — |
| Growth and maintenance respiration of subterranean clover | — | 3,700 |
| Field Studies of Photosynthesis and Water Use by Wheat and alternative Grain Crops | 10,285 | 600 |

(continued next page)

THE UNIVERSITY

Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|---|--|
| AGRONOMY (Continued) | Barley Improvement Advisory Committee |
| | Reserve Bank—Rural Credits Development Fund |
| | Wheat Industry Research Council |
| | Australian Meat Research Committee |
| | CIMMYT (International Maize and Wheat Improvement Centre) |
| | Department of Science |
| | Victorian Department of Agriculture |
| | Food and Agriculture Organisation of U.N. |
| | C.S.I.R.O. |
| | International Atomic Energy Agency |
| Wheat Breeding Society of Australia | |
| <i>Animal Physiology</i> | Australian Research Grants Committee |
| | Reserve Bank—Rural Credits Development Fund |
| | U.S. Department of the Army Surgeon-General |
| | Poultry Research |
| | Australian Chicken Meat Research Committee |
| | Brookfield Zoo Wombat Reserve Fund |
| | Department of Environment, Housing and Community Development |
| | Australian Pig Industry Research Committee |
| | National Parks and Wildlife Service |
| <i>Entomology</i> | Australian Research Grants Committee |
| | Nuffield Foundation |
| | Australian Wool Board |
| | Department of Public Health |
| | Western Australian Department of Agriculture |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|--|---------|--------------------------|
| | \$ | \$ |
| Research into Barley | 64,330 | 75,761 |
| Glasshouse | — | 261 |
| Crops, Pasture, Plants and Grazing Animals | 20,732 | 24 |
| Breeding of Faba Beans | 15,442 | — |
| Breeding of a Barley Ideotype | 720 | 358 |
| Build a Threshing Machine | 2,038 | — |
| Genotype—environment interactions in the production of cereal crops | 9,000 | — |
| Enzyme assays cereal grain quality improvement | 5,991 | 499 |
| Illustrations to revision of genus Solanum | 100 | 200 |
| Wheat Improvement Research | 102,275 | 104,384 |
| Research | 51,784 | 52,087 |
| Grants in aid | 1,036 | 373 |
| Australian Biological Survey | 13,015 | 14,700 |
| Grant in Aid | 371 | 84 |
| Grant in Aid | 1,046 | 138 |
| Extra mural grant for research Chromosome transfer and Wheat Improvement .. | — | 15,300 |
| Grant in Aid | 55 | 700 |
| Second Assembly | — | 500 |
| Thyroid function in ruminants; relation to food intake and growth | 10,698 | 10,327 |
| Defective control of Cholesterol Metabolism in Cancerous and Pre-cancerous Liver | 11,780 | 8,933 |
| Carbohydrate Metabolism in the Epididymis | 10,327 | 15,739 |
| Avian ecophysiology and protein synthesis rates | — | 11,800 |
| Mechanisms linking diverse settings of metabolic rate with water and electrolyte turnover in mammals | 14,782 | — |
| Hormones and Inheritance Prod. Meat and Milk | — | 1,434 |
| Water and Electrolyte economy of desert Aborigines and New Guinea Melanesians | — | 786 |
| Egg Quality and Food Conversion Efficiency .. | 5,668 | — |
| Earthworms Research | 8,335 | 9,516 |
| Research .. | 498 | — |
| Hairy Nosed Wombat Research | 2,856 | — |
| Project Earthworms | 3,130 | 1,180 |
| Wombat Research .. | 634 | 366 |
| Diapause in <i>Heliothis</i> | 9,155 | 10,750 |
| Integrated control of insect pests of citrus and peaches | 18,167 | 15,248 |
| Basic features of parasitism in nematodes; moulting and hatching in infective stages .. | 10,729 | 11,500 |
| The effect of physiological changes in stressed plants on populations of phytophagous insects | 6,843 | 7,000 |
| Research in Entomology | 92 | 1,358 |
| Wool Scholarship .. | 8,679 | 8,888 |
| Research .. | 9,944 | 362 |
| Grant in Aid | 34 | 115 |

(continued next page)

THE UNIVERSITY
Expenditure of Grants

| <i>FACULTY and Department</i> | <i>Source of Grant</i> |
|-------------------------------------|--|
| <i>Entomology (continued)</i> | UTAH Grant for Bridging Finance |
| | C.A.P.E.S. |
| | Honey Research ... |
| | S.A. Department of Environment-Coast Protection Board |
| | Department of Labour & Industry, State Unemployment Relief Scheme |
| | Phylloxera Board Grant ... |
| | George Aitken Pastoral Research Trust |
| | Citrus Organization Committee |
| | Australian Research Grants Committee |
| | <i>Plant Pathology</i> |
| | |
| | Reserve Bank—Rural Credits Development Fund |
| | Wheat Industry Research Council |
| | Commonwealth Department of Health |
| | Department of Agriculture |
| | Food and Agriculture Organisation of United Nations |
| <i>Plant Physiology</i> | Bureau of Sugar Experiment Stations |
| | Australian Research Grants Committee |
| | Barley Improvement Advisory Committee |
| | Wheat Industry Research Council |
| | U.N.E.S.C.O. |
| | German Academic Student Exchange |
| | University of Adelaide & District Council of Berri |
| <i>Soil Science</i> | Wheat Industry Research Council |
| | Wheat Industry Research Committee of S.A. International Soil Congress |
| | International Rice Research Institute |
| <i>Biometry</i> | Reserve Bank—Rural Credits Development Fund |
| <i>Director</i> | Australian Research Grants Committee |
| | Reserve Bank |

OF ADELAIDE

Received from Outside Sources

| <i>Research Project</i> | 1977 | <i>Estimated</i> 1978 |
|---|--------------------|--------------------------|
| | \$ | \$ |
| Readership in Insect Pathology | — | 31,410 |
| Grant in Aid | — | 122 |
| Studies on Selected Aspects of Honey Bee Nutrition | 615 | 355 |
| Yorke Coast Survey | 1,910 | 1,090 |
| Aphid Monitoring | 1,941 | 5,334 |
| Aphid Studies | 1,000 | — |
| Aphid Migration Research | — | 3,000 |
| Red Scale Parasites | — | 1,350 |
| The basis of pathogenicity in <i>Agrobacterium</i> | 4,971 | 19,015 |
| Molecular biology of plant viruses with multipartite RNA genomes | — | 9,765 |
| Resistance of barley to leaf scald disease and pathogenicity of <i>Rhynchosporium secalis</i> | 850 | 1,000 |
| Isolation, identification and synthesis of fungitoxic metabolites of <i>fusarium lateritium</i> | 2,000 | — |
| Replication of Tobacco Ringspot Virus | 6,487 | — |
| Structure and composition of complex plant viruses | 12,103 | 11,768 |
| The structure, and location <i>in vivo</i> , of plant virus RNA | — | 1,070 |
| Cereal eelworm | 201 | — |
| Leaf Scald | 324 | — |
| Biological Control of soil borne plant pathogens | 11,618 | 14,145 |
| Development and testing prototype applicator for delivery protective aerosol mixtures to pruned apricot trees and grape vines | 1,877 | 950 |
| Relationship Fiji Disease virus with its leafhopper vector | 14,150 | 15,601 |
| Wheat Improvement Research | 2,196 | 925 |
| Quarantine Investigations | — | 6,749 |
| Research | 532 | 14,731 |
| Cadang Cadang Disease in Coconuts | 1,350 | 19 |
| Grant in Aid | — | 600 |
| Grant in Aid | 839 | 806 |
| The regulation of starch synthesis in cereal grain | 7,262 | — |
| Gibberellins and sterols in the control of stem growth | 2,106 | — |
| Interactions between hormones and membrane components | 17,337 | 16,067 |
| Accumulation of Solutes by Grape Pericarp Cells | 6,457 | 7,600 |
| Research into Barley | 50,621 | 64,046 |
| Wheat Improvement Research | 26,577 | 32,581 |
| Grant in Aid | 121 | 479 |
| Grant in Aid | — | 1,041 |
| Artist in Residence | — | 3,991 |
| Wheat Improvement Research | 15,076 | 16,665 |
| Wheat Improvement Research | 31,962 | 28,764 |
| 9th International Soil Science | 273 | 24 |
| Grant in Aid | 450 | 1 |
| Biometry Data Acquisition system | — | 720 |
| Mechanism of Soil Swelling | 15,850 | 20,499 |
| Research Fellowship (Agriculture) | 4,538 | 16,646 |
| TOTAL WAITE INSTITUTE | 716,829 | 773,367 |
| TOTAL NORTH TERRACE | 1,957,509 | 2,089,103 |
| GRAND TOTAL FROM OUTSIDE SOURCES | <u>\$2,674,338</u> | <u>\$2,862,470</u> |

THE UNIVERSITY
STATEMENT OF SEPARATE

| INCOME | \$ | \$ |
|---|--------|------------------|
| ANTI-CANCER FOUNDATION— | | |
| Government of S.A.—Annual Grant | | 105,000 |
| Government of S.A.—Hospital Service Reimbursement | | 80,776 |
| Income from Endowments— | | |
| E. Neale | 3,828 | |
| R. F. Mortlock | 921 | |
| C. V. Crocombe | 597 | |
| H. E. Aldersey | 4,228 | |
| T. A. Coombe | 2,083 | |
| H. L. Heuzenroeder | 460 | |
| E. C. Hoare | 969 | |
| C. M. Alexander | 1,182 | |
| E. Jeffress | 1,009 | |
| O. E. Braund | 770 | |
| C. D. Odlum | 1,248 | |
| M. I. Hatwell | 1,148 | |
| E. Symmons | 270 | |
| E. H. Cobley | 435 | |
| V. M. Ballinger | 1,678 | |
| R. M. L. Gummow | 2,923 | |
| J. J. Healey | 2,076 | |
| L. E. Bateman | 275 | |
| S. I. Robinson | 250 | |
| A. B. Aldam | 2,087 | |
| M. M. Puddy | 4,470 | |
| A. G. Bond | 784 | |
| H. A. Trigg | 205 | |
| | ----- | 33,896 |
| Income from General Investments | | 36,791 |
| Donations from the Public | 90,604 | |
| Less Transferred to Capital Account | 90,604 | — |
| Physics Section Income | ----- | 526 |
| Festival Centre Memorial Concert | 20,359 | |
| Less Transferred to Capital Account | 20,359 | — |
| DEFICIT for the year ended 31/12/77 | | 18,917 |
| | | <u>\$275,906</u> |

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1977

EXPENDITURE

ANTI-CANCER FOUNDATION

| | \$ |
|--|---------|
| Salaries and Insurance | 156,459 |
| Equipment | 962 |
| Physics Section | 3,264 |
| Library | 3,688 |
| Sundries | 5,062 |
| Patients' Care and Transport | 768 |
| Car Expenses | 452 |
| Travelling Expenses | 1,384 |
| Hostel Maintenance | 376 |
| Linear Accelerator Maintenance | 27 |
| Public Education | 2,722 |
| Subscription to Australian Cancer Society | 7,500 |
| Computing | 1,127 |
| Professional Education | 2,463 |
| Stationery | 1,097 |
| Provision for Long Service Leave | 6,500 |
| Mastectomy Rehabilitation Service | 521 |
| Grant to Flinders University | 24,500 |
| Grant to Departments of Genetics and Obstetrics, University of Adelaide | 7 |
| Grant to Departments of Physical and Inorganic Chemistry, University of Adelaide | 14,160 |
| Grant to Department of Microbiology, University of Adelaide..... | 20,610 |
| Grant to Department of Surgery, University of Adelaide | 1,265 |
| Grant to Department of Oral Biology, University of Adelaide | 12,533 |
| Cytology Services—Net Loss | 8,459 |

 \$275,906

THE UNIVERSITY
STATEMENT OF SEPARATE

| INCOME | | \$ | \$ |
|--|--|----------------|------------------|
| EDWARD NEALE TRUST FUND | | | |
| Income for the year 1977 | | | <u>\$3,828</u> |
| UNION FEES | | | |
| Fees received for the year 1977 | | | <u>755,968</u> |
| | | | <u>\$755,968</u> |
| MEDICAL RESEARCH COMMITTEE | | | |
| A. G. Williams | | | 363 |
| G. M. Dowling | | | 17,984 |
| J. T. Mortlock | | | 6,217 |
| Sewell Myers | | | 1,950 |
| Jean B. Reid | | | 13,903 |
| Hilda Farmer | | | 10,843 |
| J. Wark | | | 474 |
| J. R. Barker | | | 1,166 |
| S. McGregor-Reid | | | 5,444 |
| S. D. Holdsworth | | | 3,117 |
| F. E. Anthony | | | 223 |
| L. E. Johnson | | | 208 |
| M. E. Angus | | | 19 |
| M. Morris | | | 70 |
| C. I. Hague | | | 10 |
| Dental Health | | | 56 |
| Restorative Dentistry | | | 58 |
| | | | <u>\$62,105</u> |
| ADULT EDUCATION (EXCLUDING RADIO STATION 5UV) | | | |
| Allocation by University— | | | |
| Special Grant | | 15,600 | |
| Staff Salaries | | <u>223,428</u> | |
| | | | 239,028 |
| Fees: | | | |
| Tutorial Classes | | | 41,911 |
| Schools and Special Programmes | | | 24,760 |
| Extension Courses | | | 20,832 |
| Publications | | | <u>2,079</u> |

NOTE: The allocation by the University of \$239,028 in 1977 for staff salaries and running expenses is shown in the University Income and Expenditure Account under the headings "Departmental Salaries and Wages" \$223,428 and "Departmental Maintenance" \$15,600.

\$328,610

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1977

| EXPENDITURE | | \$ | \$ |
|--|-------|--------|------------------|
| EDWARD NEALE TRUST FUND | | | |
| Transferred to Anti-Cancer Foundation 1977 | ..... | ..... | <u>\$3,828</u> |
| UNION FEES | | | |
| Paid to Union Council | ..... | ..... | 747,401 |
| Refunded to Students | ..... | ..... | 8,567 |
| | | | <u>\$755,968</u> |
| MEDICAL RESEARCH COMMITTEE | | | |
| Departmental Equipment, Maintenance and Travel: | | | |
| Physiology | ..... | ..... | 2,886 |
| Pathology | ..... | ..... | 7,580 |
| Medicine | ..... | ..... | 5,022 |
| Anatomy | ..... | ..... | 4,286 |
| Obstetrics | ..... | ..... | 8,960 |
| Surgery | ..... | ..... | 3,326 |
| Microbiology | ..... | ..... | 2,234 |
| Biochemistry | ..... | ..... | 4,625 |
| Paediatrics | ..... | ..... | 6,850 |
| Oral Biology | ..... | ..... | 1,606 |
| Oral Pathology | ..... | ..... | 888 |
| Genetics | ..... | ..... | 266 |
| Community Medicine | ..... | ..... | 4,471 |
| Psychiatry | ..... | ..... | 8,098 |
| Balance unexpended | ..... | ..... | 1,007 |
| | | | <u>\$62,105</u> |
| ADULT EDUCATION (EXCLUDING RADIO STATION 5UV) | | | |
| Deficit at 1/1/77 brought forward | ..... | ..... | 464 |
| Staff Salaries | ..... | ..... | 223,428 |
| Honoraria— | | | |
| Tutors and Lecturers | ..... | 31,710 | |
| Schools and Special Programmes | ..... | 10,139 | |
| | | | 41,849 |
| Payroll Tax and Insurance | ..... | ..... | 3,913 |
| Motor Vehicle Expenses | ..... | 479 | |
| Motor Vehicle Depreciation | ..... | 1,000 | |
| | | | 1,479 |
| Travelling Expenses—Staff | ..... | ..... | 835 |
| Library | ..... | ..... | 419 |
| Administrative Expenses | ..... | ..... | 4,185 |
| Schools and Special Programmes | ..... | ..... | 21,062 |
| Tutorial Classes— | | | |
| Miscellaneous | ..... | 10,618 | |
| Advertising | ..... | 1 | |
| | | | 10,619 |
| Extension Courses— | | | |
| Lecturers' Fees | ..... | 11,687 | |
| Miscellaneous | ..... | 3,623 | |
| | | | 15,310 |
| Furniture and Equipment | ..... | ..... | 1,104 |
| SURPLUS as at 31/12/77 carried forward | ..... | ..... | 3,943 |
| | | | <u>\$328,610</u> |

FINANCIAL STATEMENTS

THE UNIVERSITY
STATEMENT OF SEPARATE

| INCOME | | \$ | \$ |
|--|--|--------|--------|
| UNIVERSITY RADIO STATION 5UV | | | |
| Allocation by University— | | | |
| Special Grant | | 8,670 | |
| Furniture | | 421 | |
| | | 9,091 | 9,091 |
| Fees: | | | |
| General Courses | | 6,631 | |
| Extension Courses | | 6,160 | |
| Tape Correspondence | | 4,319 | |
| Subscriptions | | 17,736 | |
| | | 34,846 | 34,846 |
| Studio Hire and Technical Services | | | 19,870 |
| Access Production and Transmission | | | 19,817 |
| Book Bounty | | | 882 |
| Radiothon | | | 9,521 |
| Deficit as at 31/12/77 | | | 5,921 |

NOTE: The allocation by the University of \$9,091 in 1977 is shown in the University Income and Expenditure Account under the headings "Departmental Maintenance" \$8,670 and "Departmental Furniture" \$421.

\$99,948

BOARD OF PUBLIC EXAMINATIONS IN MUSIC

| | | |
|---|--|--------|
| Fees received for year 1977 | | 42,584 |
| Other Income | | 1,725 |
| Deficit for the year ended 31/12/77 | | 1,526 |
| (transferred to Accumulated Fund) | | |

\$45,835

OF ADELAIDE

ACCOUNT FOR THE YEAR 1977

EXPENDITURE

| | \$ | \$ |
|---|-------------------|-------------------|
| Deficit at 1/1/77 brought forward | | 6,467 |
| General Courses: | | |
| Honoraria | 876 | |
| Notes and Distribution | 1,445 | |
| | <u> </u> | 2,321 |
| Extension Courses: | | |
| Honoraria | 94 | |
| Notes and Distribution | 1,357 | |
| | <u> </u> | 1,451 |
| Tape Purchases (Programme Tape) | | 719 |
| Tape Correspondence | | 9 |
| Subscription Costs | | 5,308 |
| Studio Hire and Technical Services Purchase | | 8,729 |
| Outside Programmes | | 696 |
| Advertising | | 4,212 |
| Office Staff | | 26,289 |
| Administration Expenses | | 6,056 |
| Studio Technical Maintenance | | 4,872 |
| Part-time Technical Staff | | 8,050 |
| Transmitter Technical Maintenance | | 2,034 |
| Landline and Telephone Charges | | 1,630 |
| Payroll Tax and Insurance | | 3,916 |
| Part-time Operators and Producers | | 16,404 |
| Cassette Duplicator Maintenance | | 364 |
| Furniture | | 421 |
| | | <u> </u> |
| | | <u>\$99,948</u> |

BOARD OF PUBLIC EXAMINATIONS IN MUSIC

| | |
|---|-------------------|
| Salaries, Payroll Tax and Insurance | 20,355 |
| Printing and Stationery | 2,546 |
| Travelling | 2,018 |
| Sundries | 656 |
| Postages | 951 |
| Examiners and Supervisors | 14,413 |
| Scholarships and Prizes | 475 |
| Administration Charges | 4,258 |
| A.M.E.B. Adjustment | 163 |
| | <u> </u> |
| | <u>\$45,835</u> |

The University of Adelaide

W. MEIKLEJOHN,
Bursar.

We report that we have audited the above statement of Income and Expenditure of the Separate Accounts of The University of Adelaide for the year which ended 31 December 1977, and certify this statement to be a correct abstract of Income and Expenditure during this period.

YARWOOD VANE & CO., Chartered Accountants.
TOUCHE ROSS & CO., Chartered Accountants.

Adelaide, 21 April, 1978

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MEMBERS OF THE UNIVERSITY STAFF AND RESEARCH WORKERS

FACULTY OF AGRICULTURAL SCIENCE

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- Agrocin 84 is a 6-N-phosphoramidate (*with* M. E. Tate and A. Kerr). *Nature* 265 (1977), 379-381.

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JONES, ROBERT HILLARY BOUCAT, B.D.S., B.Sc.Dent.

An investigation into the effects of an antimetabolite (Methotrexate) on bone healing. (M.D.S.)

Restorative Dentistry

ABBOTT, JOHN RUSSELL, B.D.S., B.Sc.Dent.

The metallography of dental amalgams. (M.D.S.)

JANENKO, CATHERINE, B.D.S., B.Sc.

Periodontal health adjacent to anterior crowns. (M.D.S.)

FACULTY OF ECONOMICS

Economics

DAVIES, MELVILLE JOHN, B.A. (Kent).

The South Australian Mining Association and the marketing of copper and copper ores, 1845-1877. (M.A.)

HUNT, BENJAMIN FRANCIS, B.Ag.Sc., B.Ec.

An empirical study of price formation on the Sydney wool futures market. (M.Ag.Sc.)

FACULTY OF ENGINEERING

Chemical Engineering

ATRENS, ANDREJS, B.Sc.

Viscoelasticity in zirconium alloys. (Ph.D.)

BURFORD, ROBERT PAUL, B.Sc.

The morphology of salt-induced stress-crazing and cracking in polyamides. (Ph.D.)

Civil Engineering

CLOSE, ANDREW FRANK, B.E.

Finite element techniques applied to the analysis of bus bodies. (M.E.)

DANIELL, TREVOR MAURICE, B.E.

The initial mixing zones of a dispensing pollutant in open channel flow. (M.E.)

GLADIGAU, LANCE NEVILLE, B.E.

An appreciation of the scale effects of solid/liquid flow in dredging studies. (M.E.)

PAPPIN, JOHN WILLIAM, B.E.

Three dimensional elasto-plastic analysis of sand. (M.E.)

SHEPHERD, PETER NOEL, B.E.

Torsion in concrete framed structures. (M.E.)

Electrical Engineering

DAVIS, BARRIE WILLIAM, B.E.

The IE131 programmable CRT terminal. (M.E.)

HAACK, GREGORY ROY, M.Eng.Sc. (Q'ld).

Analysis of distributed resistance-capacitance networks. (Ph.D.)

KRISHNAMACHARYULU, NALLAN CHAKRAVARTULA VENKATA, B.E. (Pilani), M.E. (Roos.).

Analysis and synthesis of surface acoustic wave filters using an admittance model. (Ph.D.)

LIM, HOOI ANN, B.E.

Mini computer aids to logic system design. (M.E.)

MCCRAE, COLIN JAMES, B.Tech., B.E.

Thermally induced frequency instabilities in transferred electron microwave oscillators. (Ph.D.)

Mechanical Engineering

JAMES, ROBERT WILTON, B.E.

An investigation into the use of holography for the study of sound radiation from vibrating surfaces. (M.E.)

MENADUE, WILLIAM ION, B.E.

The acoustic detection of boiling in atomic reactors. (M.E.)

FACULTY OF LAW

WHITTINGTON, ROBERT JOHN, LL.B., B.Ec.

Australia's internal waters and their boundaries. (LL.M.)

FACULTY OF MATHEMATICAL SCIENCES

Applied Mathematics

HARRIS, RICHARD JOHN, B.Sc.

Concepts of optimality in alternate routing networks. (Ph.D.)

Pure Mathematics

HOWLETT, ROBERT BRIAN, B.A.

Some irreducible characters of groups with BN-pairs. (Ph.D.)

VAN DER HOEK, JOHN, B.Sc.

A general theory for linear parabolic partide differential equations. (Ph.D.)

Statistics

GLOWIK, JOHN, B.Sc.

Split-line regression techniques. (M.Sc.)

FACULTY OF MEDICINE

Anatomy and Histology

UMAPATHYSIVAM, KANDIAH, B.Sc.

Protein composition of rat uterine flushings. (M.Sc.)

Medicine

THOMSON, NAPIER MAURICE, M.B., B.S.

Mechanisms of mediation of allergic glomerular injury. (M.D.)

Obstetrics and Gynaecology

WARNES, DEIRDRE MARGARET, B.Ag.Sc.

Gluconeogenesis in the developing lamb. (Ph.D.)

WARNES, GRAHAM MALCOLM, B.Ag.Sc.

Biochemical aspects of the ovine oviduct. (Ph.D.)

Paediatrics

DAVIDSON, GEOFFREY PAUL, M.B., B.S.

The aetiology of acute non-bacterial enteritis in infants and young children. (M.D.)

Surgery

ROSENFELDT, FRANKLIN LAWRENCE, B.M., B.S.

Studies of the effect of experimental myocardial revascularisation on ventricular function. (M.D.)

FACULTY OF MUSIC

NORMAN, TERENCE JOHN, B.Mus.

The eighteen chorale preludes of J. S. Bach. (M.Mus.)

FACULTY OF SCIENCE

Biochemistry and General Physiology

LOCK, ROBERT ARTHUR, B.Sc.

Studies on the isolation and characterization of hair follicle messenger RNA. (M.Sc.)

ROGERS, GEORGE ERNEST, M.Sc. (Melb.), Ph.D. (Camb.).

Keratins and keratinization: a structural and biochemical study of keratins, related proteins and the tissues that produce them. (D.Sc.)

WINZOR, DONALD JOHN, Ph.D.

Studies of macromolecular interactions. (D.Sc.)

Botany

MOSEL, IAN ROBERT, B.Sc.

Triassic plant megafossils from the Springfield Basin, South Australia. (M.Sc.)

Economic Geology

PECANEK, HENRY TERRANCE, B.Sc.

Interpretation of geophysical data from the Broken Hill area. (M.Sc.)

Genetics

GERLACH, WAYNE LYLE, B.Sc.

Genetic studies of amber-ochre super-suppressors in *Saccharomyces cerevisiae*. (Ph.D.)

POLKINGHORNE, ROGER WALLACE, B.Ag.Sc.

Quantitative effects associated with a dwarfing gene in poultry. (M.Ag.Sc.)

Geology and Mineralogy

COIN, CHARLES DAVID ALAN, B.Sc.

A study of the Precambrian rocks of Southern Eyre Peninsula in the vicinity of Tumbay Bay, South Australia. (Ph.D.)

HASLETT, PETER GERALD, B.Sc.

Lower Cambrian carbonate stratigraphy and sedimentology, Old Wirrealpa Spring, Flinders Ranges, South Australia. (Ph.D.)

HILL, RODERICK JEFFREY, B.Sc.

The crystal structure of the mineral scholzite and a study of the crystal chemistry of zinc in some phosphate and arsenate minerals. (Ph.D.)

MARLOW, PHILIP CHARLES, B.Sc., Dip.Ed.

Structural investigations of the Kanmantoo Group metasediments near Macclesfield, South Australia. (M.Sc.)

MILNES, ANTHONY RICHARD, B.Sc.

The Encounter Bay granites, South Australia, and their environment. (Ph.D.)

WILTSHIRE, ROBERT GRAHAM, B.Sc. (Syd.).

Structural geology of the Old Boolcoomata area, South Australia. (Ph.D.)

Human Physiology and Pharmacology

BERRY, DOROTHY MURIEL, M.B., B.S.

Studies on monodamine oxidase and catechol-o-methyltransferase in the isolated artery. (M.Sc.)

Mawson Institute for Antarctic Research

COCKS, TERRY DOUGLAS, B.Sc.

High spectral resolution studies of the atomic oxygen, 2630nm, dayglow. (Ph.D.)

FREUND, JOHN TERENCE, B.Sc.

Structure in the 557.7nm oxygen airglow. (Ph.D.)

Microbiology and Immunology

DAVIES, RODNEY, B.Sc.

A study of the carrier state in *Salmonella* infection. (Ph.D.)

FERRANTE, ANTONIO, B.Sc.

The mechanisms of immunity to *Trypanosoma (Herpetosoma) lewisi* infection in rats. (Ph.D.)

KNOP, JÜRGEN GEORG, M.D. (Freiburg).

Antibacterial mechanisms in the intestine against *Vibrio cholerae*. (Ph.D.)

Organic Chemistry

JANPOSRI, SOMPONG, B.Sc. (Chulalongkorn), M.S. (Oregon State).

Negative ion mass spectrometry of the carbonyl group. (Ph.D.)

MURPHY, ROGER, B.Sc.

Synthetic applications of organoboranes. (Ph.D.)

Physical and Inorganic Chemistry

CREA, JOSEPH, B.Sc.

Solvation and solvent exchange studies of metal ions in solution: a nuclear magnetic resonance study. (Ph.D.)

GIANNESCHI, LEON PAUL, B.Sc.

Studies of exciton interactions in molecular aggregates. (Ph.D.)

SANDERCOCK, ALAN CLAUDE, B.Sc.

Studies of metal complex-halide exchange equilibria. (Ph.D.)

Physics

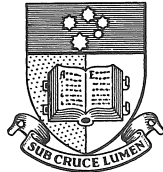
AHMED, MUBASHAR, M.Sc. (Sind).

Travelling ionospheric disturbances. (Ph.D.)

ILYAS, MOHAMMED, M.Sc. (Aligarh).

Rocket measurements of solar and lunar ultraviolet flux and the determination of atmospheric molecular oxygen and ozone densities. (Ph.D.)

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7. Farm Buildings.
8. Glasshouses and Implement Sheds.
9. Controlled Environment Building.
10. Insectary.
11. Horticulture Laboratory.
12. Central Animal House.
13. Bee Research Laboratory.
14. Workshops.
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