

REPORT
OF THE COUNCIL
1976



MONASH UNIVERSITY

REPORT OF THE COUNCIL
OF MONASH UNIVERSITY
1976

REPORT
OF THE COUNCIL
1976



MONASH UNIVERSITY

Published by Monash University
Printed at The Dominion Press, North Blackburn, Victoria.

REPORT OF THE COUNCIL FOR 1976

In accordance with Section 41 of the *Monash University Act 1958*, as amended, I submit the Report of the Council for 1976.

1. THE COUNCIL

The Council held ten meetings in 1976. At all of these, Professor W. A. G. Scott was present as Vice-Chancellor, the office which he undertook for a year following the retirement of Dr J. A. L. (now Sir Louis) Matheson and pending the appointment of a successor. The Council at its September meeting appointed Professor R. L. Martin to the vice-chancellorship and he will assume office on 1 February 1977. At the outset of this report, the Council wishes to record its indebtedness to Professor Scott for his willingness to serve the University in this way and for the outstanding service he has given during his year of office. At the same time, Council extends its good wishes to Professor Martin as he takes up his duties in which he will be helped by the experience of Professor Scott in his new role as Deputy Vice-Chancellor.

A number of changes in the membership of Council, some of which were foreshadowed in the previous report, have taken place during the year. Professor D. E. Allan and Dr I. McCance took their places in January as, respectively, a co-opted dean of faculty and a member elected by the non-professorial teaching staff. In April, Professor R. R. Andrew was co-opted as a dean of faculty in place of Professor G. R. Manton, whose term of office expired, and in June Mr M. D. Peckham was elected as an undergraduate student to take the place of Mr G. Almond. When, in July, the Honourable G. J. Nicol relinquished his membership of the Victorian Parliament, the Governor-in-Council appointed Mr N. A. W. Billing to the vacancy for the remainder of the period to December 1979. In December, Dr I. D. Rae and Mr R. D. Rivett resigned, the former on proceeding on study leave, and in the ensuing elections, Dr R. D. Lansbury and Emeritus Professor D. H. Monro have been elected to take their places in the new year. At the end of the year, Professor R. R. Andrew (because of his retirement from the University), Professor D. E. Allan and Professor P. G. Nash ceased to be eligible for membership and in 1977 their places will be taken by Professor D. Cochrane, Professor L. A. Endersbee and Professor A. G. L. Shaw. The Council records its sincere thanks to all who have served but are no longer members and welcomes their successors, together with Mr A. H. May who, in an election by the graduates of the University, was re-elected for a further four-year period from October 1976.

At its meeting in July, Council noted with pleasure that the Queen's Birthday Honours List had included the names of the Deputy Chancellor, Mr I. Langlands (O.B.E.), the former Vice-Chancellor, Sir Louis Matheson (K.B.E.), Professor R. R. Andrew (A.O.) and the Reverend P. J. Hollingworth (O.B.E.).

At graduation ceremonies during the year, the following honorary degrees were conferred —

Doctor of Letters: Alec Derwent Hope

Doctor of Medicine: Richard Roderick Andrew

2. REPORT OF THE VICE-CHANCELLOR, PROFESSOR W. A. G. SCOTT

B.A.(MELB.), B.LITT.(OXON)

The University admitted its first students in 1961 and thus by the end of 1975 had completed fifteen years of teaching and research. In terms of numbers it had almost reached its planned ultimate size; the period of steady and continuous expansion was over. The retirement of Dr (later Sir Louis) Matheson at the beginning of 1976 may be seen to mark the end of an era and in many ways 1976 was a year of transition in which the University faced a changing situation and sought to cope with new problems.

It was a period in which there were numbers of changes in senior positions. At the end of the year, the first three professors to reach retirement age left the service of the University. These included Professor Andrew, who had been a member of the Interim Council before his appointment as dean of the faculty of Medicine and who continued to serve on the University Council, apart from one short interval, until his retirement. The other two were Professor Monro, the foundation professor of Philosophy, and his colleague Professor Jackson. Council conferred on each of the three the title of emeritus professor, exercising this power for the first time. New deans took up office in the faculties of Science and Engineering in 1976 and new deans were appointed to the faculties of Education, Law and Medicine as from the beginning of 1977. Professor Manton is due to retire as dean of the faculty of Arts at the end of 1977; Professor Cochrane will then be the only one of the original full-time deans still in office and the longest serving of the other deans will have held office for only two years.

Monash is, I believe, the only university in Australia in which each faculty has as its administrative and academic head a full-time dean, whose duties in the words of the statute include "a general superintendence over the educational and administrative affairs of the faculty". This system has operated in all faculties since 1965. The Committee of Deans meets regularly and acts as an advisory committee to the Vice-Chancellor, with particular responsibilities for the preparation of the budget as well as for other matters of policy or administration in which the Vice-Chancellor may seek guidance. Deans are appointed by Council for an initial period of five years, with the possibility of renewal for a further period. Provision is thus made for continuity and the building up of experience so that the deans have the opportunity to take a long-term view of policy. Because of their closeness to the day to day affairs of their faculties, the deans perform a most important bridging role between the academic staff and the central administration. I believe that this system of government has served Monash well and I hope that it will continue.

1976 should have been the first year of a 1976-78 triennium but in view of the financial situation the Government decided that it would not implement the recommendations of the sixth report of the Universities Commission but would treat 1976 as a year outside the triennial programme. The Government set certain financial limits and established guide lines with which the commission had to operate in revising its recommendations. As a result this University received recurrent funds barely sufficient to maintain the standards of the previous year and providing for no new developments or initiatives. Our budget was therefore a stand-still budget and the University had to face the disturbing problems of inflexibility in a no-growth situation. The position was a little eased by the fact that the uncertainties of supplementation operated in such a way as to provide a surplus from 1975, which helped to tide us over 1976. The funds provided for buildings and equipment were very considerably reduced from those recommended in the sixth report in view of the decision of the Government that only the "demonstrably essential" capital projects should go ahead. Fortunately we were allowed to proceed with the planned major extensions to the Monash medical school. In all it has to be said that because of the stage of development we had reached we suffered rather less, in this situation of

financial stringency, than the younger universities whose expectations of considerable further growth were frustrated at least for the present. Nonetheless, the outlook for the future remains grim.

1977 was planned as the first year of the new rolling triennial system and the report of the Universities Commission for 1977-79 was thus eagerly awaited. The University Council was concerned over the implications of the statement of 20 May 1976 by Senator Carrick which announced certain government decisions and provided guide lines for the triennial reports of the Education Commissions. The Chancellor therefore wrote to the Minister on 24 June to seek an assurance that changes in the method of supplementation should not be allowed to erode the real value of funding to the universities. The letter also asked that the Government should reconsider its proposal to reintroduce fees for students taking second degrees and for higher degree students, and further asked that a review be made of the level of T.E.A.S. awards and of graduate stipends which had been eroded by inflation.

The Universities Commission report for 1977-79 was published in July 1976 and later approved by the Government. It should be emphasized that the task of the commission on this occasion (as in 1975 when making recommendations for 1976) was to allocate given funds rather than to make its own assessment of the needs of the universities. Monash University received the same recurrent grant as for 1976 in what we were assured would be real terms. However, the cost of salary incrementation and promotions must be absorbed and the amount of money available per student is clearly reduced. The University therefore faces the difficult task of making economies while endeavouring to ensure that standards are not allowed to decline, and at the same time of providing for some new initiatives to keep the institution on the move and to avoid stagnation. It is of course fully recognized that, at a time when the country is facing grave economic difficulties, the universities have to play their part in meeting the situation. Nonetheless a university cannot be run on the cheap if it is properly to fulfil its function and serve the community. In view of the increase in recent years of the number and variety of tertiary institutions, it is important to distinguish the specific function of universities and their place in the system of post-secondary education. Both State and Commonwealth Governments have recently set up committees of inquiry into aspects of post-secondary education, particularly in relation to employment opportunities and to rationalization of resources. The University has made a brief submission to the Victorian Post-Secondary Education Committee and has sought an opportunity to make further oral representations. A submission to the Commonwealth Committee of Inquiry into Education and Training is to be made early in 1977. There is an urgent need to ensure that universities and colleges of advanced education do not engage in a wasteful duplication of activities and that each type of institution concentrates on its areas of special concern and responsibility.

On 23 August the Dinah and Henry Krongold Centre for Exceptional Children was officially opened by the Prime Minister, the Rt. Hon. Malcolm Fraser. It was most unfortunate that this important occasion was marred by an unruly and at times violent demonstration against Mr Fraser and an occupation of the centre by students and others which made it impossible for the ceremony to conclude as planned. While it is true that numbers of students felt they had cause to protest against certain proposals of the Government, particularly in relation to fees and allowances, this does not excuse the nature of the demonstration or the inhumanity of choosing so inappropriate an occasion for such a disturbance. Large numbers of those in the crowd were of course not Monash students. However nothing that happened on that day can diminish the importance of the establishment of the centre which was made possible by a most generous gift from Mr and Mrs Krongold. This in turn attracted a substantial subsidy from the Commonwealth Government through the Department of Social Security. The Krongold Centre both facilitates the training of teachers who intend to make a career in special education and provides oppor-

tunities for clinical assistance to children who have learning disabilities as a result of psychological or physical handicaps or who are exceptionally gifted. It is a most exciting venture which will greatly extend the work which has been done by Professor Marie Neale and her colleagues from 1970 on. Since 1974 the faculty of Education has offered a degree programme leading to the degree of Bachelor of Special Education. The first graduates received their degrees at a ceremony during 1976.

Planning for the relocation of the Queen Victoria Memorial Hospital on a site in Clayton Road, close to Monash University, has progressed during the year. Architects have been appointed and a planning brief has been prepared by the project team. Provision is included for a university clinical school as part of the total complex and firm proposals have been made concerning priorities in phasing the operation. Approval has been given by the Board of Works and the proposals have been strongly supported by the Queen Victoria Hospital Committee and the Hospitals and Charities Commission. What is now awaited is a firm timetable of funding from the State Government. The Queen Victoria Hospital at Clayton will obviously not wholly compensate for the loss of the earlier plan and promise of a university hospital on the campus. However, even though it may be a second best, we welcome the decision of the Government to proceed and hope that there will be no delay in putting plans into operation.

The Academic Salaries Tribunal completed its 1976 review in July and its recommendations were approved by the Government in October. It dealt, among other matters, with the difficult question of medical loadings, particularly those paid to university staff with clinical responsibilities in hospitals who were working alongside hospital staff paid higher salaries (particularly in Victoria). In August 1975 the University had concluded agreements with the hospitals concerned that Medibank payments for sessional work undertaken by members of the University staff should be paid to the University. Early in 1976 and following the example of the University of Melbourne, Council agreed to pay a substantial increased clinical loading, financed from Medibank payments, as an interim measure while awaiting the determination of the Academic Salaries Tribunal. The recommendation of the tribunal was that clinical loadings should no longer be funded by the Government as part of the recurrent grant but that a clinical loading (somewhat lower than the loading we had been paying as an interim measure) should, if universities could reach a suitable agreement with the hospitals as they were urged to do, be paid from Medibank funds to members of staff with "patient care" responsibilities. Monash University has accepted these recommendations but the whole area of medical loadings is a much disputed one and there are many problems on which satisfactory agreement has not yet been reached.

The vexed problem of university entry, selection within quotas, the validity of the Higher School Certificate examination and so on, continued to be discussed both within the University and in public during 1976 — perhaps with a little less heat than in recent years. A Monash committee, under the chairmanship of Professor Westfold, continued deliberations during the year about the University requirements and had discussions with representatives of the other universities. Meanwhile the Government proceeded with legislation to set up the Victorian Institute of Secondary Education which has now been established. The University welcomes this move and along with the other universities will co-operate fully with the institute in the hope that workable solutions will be found to the matters at issue.

I spoke earlier of 1976 as being in many ways a year of transition in which the University had to face changing circumstances. On the whole I believe it was also a year of consolidation during which, if the University was not able to advance vigorously, it strove successfully to maintain standards and to prepare for the future. In conclusion I must say how grateful I am for the support so generously given me by the Council and members of the University community during my year as Vice-

Chancellor. It was a rewarding experience, despite the oppressive nature of some problems, and my wife and I enjoyed it greatly. I must in particular thank the two Pro-Vice-Chancellors, Professor Westfold and Professor West, and my other senior colleagues, both academic and administrative, for their help so freely given.

3. DEVELOPMENT OF SITE AND BUILDING

The following buildings were completed and taken into use during 1976: The Dinah and Henry Krongold Centre for Exceptional Children and the Monash University Club. Construction has commenced on the medical school extension, the anticipated completion date being March 1978. A "design and build" contract has been let for a sports link building and it is anticipated that tenders will shortly be called for an arts and crafts building.

Site works items completed in 1976 included landscaping and footpaths at both the south-east flats and the Krongold Centre. Areas adjacent to the Menzies, mathematics and chemistry buildings as well as the south-east corner of the campus were prepared and sown with grass. The forum paving was completed and paved access was provided to the chemistry, psychology and Union Club delivery areas. The south-east flats car park was completed and the north-west entrance was widened as a safety measure. A chain mesh fence was erected along the Blackburn Road and Wellington Road boundaries. The main boiler was converted from oil to gas firing. Tenders were called for the H.V. electricity supply to the medical extensions.

4. ADMINISTRATIVE MATTERS

Legislation

Ten statutes and forty-eight new and amending regulations were made by Council in 1976. Also during the year, following deliberations and representations over a number of years and an amendment of the Victorian Road Traffic Act, the provisions of that Act were applied to the roads and parking areas of the University.

University Publishing

The University's official publications again appeared at the appropriate times throughout the year.

The Publications Committee, responsible for academic publishing, met four times in 1976 and continued to provide significant help to Monash authors. Three books by staff members appeared during the year thanks to support provided by the Committee which also maintained its assistance for our academic journals.

As its last meeting for the year the Publications Committee commenced an investigation into the desirability of operating under the name of Monash University Press but without altering the nature or size of its operation.

Safety

Following the safety convention held at Monash, the University safety officer has developed more community interests in the safety field. The University continued its membership of the local safety group. The emergency services have been in action on 58 occasions and it is believed that on one occasion a life was saved. Fire and resuscitation demonstrations in departments have continued and steady progress in raising safety standards maintained.

Personal monitoring of radiation workers by film badges, thermoluminescent dosimeters and thyroid scanning has continued. All radiation doses recorded were below

the maximum permissible. Teaching in the safe use of ionizing radiation has also continued and the radiation protection officer attended the annual conference of the Australian Radiation Protection Society of which he was the honorary secretary.

5. STAFF APPOINTMENTS

As in 1975, the University's recruitment of teaching staff in 1976 was not as active as in recent years.

The total full-time academic staff numbered 828 at 31 December 1976, a decrease of 3 over the corresponding 1975 figure. The mobility of teaching staff was less than in 1975 and markedly less than in previous years, there being 116 appointments and 109 resignations. Of the 116 appointments, 14 offers of fixed-term appointment were made, representing 12.1 per cent of the total appointments, compared with 15.7 per cent in 1975.

Full-time Academic Staff (as at 31 December 1976)

	Arts	Ecops	Educ'n	Eng'ng	Law	Medicine	Science	Tchg. & Res. Centres	Totals
Deans	1	1	1*	1(1)	1	1	1	—	7(1)
†Professors	19(1)	12(4)	5	9(1)	5	19(2)	19(2)	1	89(10)
Readers	5	7	1	2	1	7	21	—	44
Associate Professors	12	4(1)	3	12	3	9	7	1	51(1)
Senior Lecturers	71	27(2)	21(5)	32	18	45(2)	58	3	275(9)
Lecturers	55(7)	28(7)	18(5)	17(2)	16(2)	28(3)	33(4)	7	202(30)
Principal Tutors	7	2	1	—	—	1	1	—	12
Sen. Tutors with tenure	5	—	1	—	2	—	1	—	9
Sen. Tutors	21(12)	7	8(2)	9(3)	8(2)	23(15)	14(5)	—	90(39)
Tutors	15(8)	22(11)	—	—	2(2)	1	8(5)	1	49(26)
Total	211(28)	110(25)	59(12)	82(7)	56(6)	134(22)	163(16)	13	828(116)

*Acting Dean.

†Includes Visiting Professors.

The numbers in brackets indicate those who took up their first appointments at Monash in 1976.

Full-time academic staff who left Monash during 1976 to take up other appointments, or at the end of visiting appointments or on retirement were:

Professors	4*
Visiting Professors	10
Readers	1
Associate Professors	2
Senior Lecturers	9
Lecturers	11
Principal Tutors	—
Senior Tutors with tenure	1
Senior Tutors	50
Tutors	21
Total	109

*Includes 3 retirements

On 31 January 1976, the then Dr J. A. L. Matheson retired after sixteen years' service as the foundation Vice-Chancellor. He was succeeded by Professor W. A. G. Scott (Pro-Vice-Chancellor), who took up appointment as Vice-Chancellor from 1 February 1976 to 31 January 1977. In September 1976 Council appointed Professor R. L. Martin as Vice-Chancellor to take office from 1 February 1977, when Professor Scott will take up the appointment of Deputy Vice-Chancellor. Professor B. O. West (Chemistry) was re-appointed Pro-Vice-Chancellor on a part-time basis to 1 February 1978.

At 31 December 1976 Professor Andrew retired as dean of the faculty of Medicine, while Professors Jackson and Monro retired from their chairs in Philosophy; each was accorded the title of Professor Emeritus. Professor Allan completed his term as dean in the faculty of Law on 31 December 1976 and reverted to a chair in the faculty. Three new deans were appointed from 1 January 1977. Professor Musgrave (Education), Professor Nash (Law), and Professor Schofield (Anatomy) became deans of the faculties of Education, Law and Medicine respectively. In contrast to last year, only two professors resigned during the year. Professor S. S. Dunn resigned from his chair in the faculty of Education to take up appointment as chairman of the Australian Advisory Committee on Research and Development in Education, and Professor Brunt went to a position on the Trade Practices Tribunal, but retains a part-time connection with the University.

One rotating University professorship was filled during 1976 and a number of other scholars were accorded the title while at Monash on visiting appointments.

Of the 59 appointees recruited from Australia, 53 had taken their first degree locally, while of the 57 recruited from overseas, eight had taken their first degree in Australia.

The following professors took up appointments during 1976:

- Professor J. M. Cullen, M.A., D.Phil.(Oxon.) *Zoology*
 Professor L. A. Endersbee, M.E.(Melb.), F.I.E.Aust., F.A.S.C.E. *Dean of Engineering*
 Professor P. T. FitzRoy, B.Mech.E.(Melb.), M.S.I.E., Ph.D.(Purdue). *Administration*
 Professor J. R. Garagon, L-ès-L., Agrégé de l'Université, ancien élève de l'Ecole normale supérieure (Paris). *French*
 Professor J. G. Head, B.Ec.(Adel.), B.Phil.(Oxon.) *Economics*
 Professor V. C. Marshall, M.B., B.S.(Melb.), F.R.A.C.S., F.A.C.S. *Surgery*
 Professor R. R. Officer, B.Agr.Sc.(Melb.), M.Sc.Ag.(N.E.), M.B.A., Ph.D.(Chic.) *Accounting and Finance*
 Professor L. J. Opit, M.B., B.S.(Adel.), B.Sc.(Warw.), F.R.C.S., F.R.A.C.S. *Social and Preventive Medicine*
 Professor M. G. Porter, B.Ec.(Adel.), M.A., Ph.D.(Stan.). *Economics*
 Professor T. F. Smith, B.Sc., Ph.D.(Sheff.) *Physics*

The following professors were appointed, but will not take up duty until 1977:

- Professor W. J. Ewens, M.A.(Melb.), Ph.D.(A.N.U.) *Mathematical Statistics*
 Professor N. A. J. Hastings, M.A.(Cantab.), Ph.D.(Birm.) *Operations Research*
 Professor P. Singer, M.A.(Melb.), B.Phil.(Oxon.) *Philosophy*
 Professor W. C. Clarke, M.A., Ph.D.(Berkeley), *Geography*, will take up appointment in 1978.

The number of appointments to research posts was considerably below the level of such appointments in previous years. Three research fellowships and twenty full-time research posts at more junior levels were filled during 1976.

There was an increase of three in 1976 in the total number of administrative and support staff. The distribution is shown in the following table:

	Admin.	Data Processing	Managerial	Special	Total
Faculty and Teaching	25	2	21	30	78
Central Administration	83	8	—	6	97
Computer Centre	1	11	—	1	13
Library	3	2	—	—	5
Ancillary Areas (including Halls of Residence and Bookshop)	20	—	10	4	34
TOTAL	132	23	31	41	227

In the University library, graduate and other staff with formal qualifications totalled 66 as compared with 64 in 1975.

Total full-time staff of the University at 31 December 1976 was 2,601 compared with 2,627 in 1975.

The University records with regret the deaths in 1976 of Dr E. M. Eggleston, director of the Centre for Aboriginal Affairs, Mr J. B. Brown, technical officer in Chemical Engineering, and Mr N. L. Dixon, assistant gardener in grounds.

6. ACADEMIC DEVELOPMENTS

The following degrees and diplomas were conferred by the University at graduation ceremonies in 1976, the final column indicating the total number of degrees and diplomas awarded since the foundation of the University:

	<i>Male</i>	<i>Female</i>	<i>1976 Total</i>	<i>1961-76 Total</i>
Bachelor of Arts	161	353	514	4,962
Bachelor of Arts with Honours	44	46	90	828
Master of Arts	12	8	20	159
Bachelor of Economics	247	82	329	2,733
Bachelor of Economics with Honours	24	5	29	327
Master of Administration	32	1	33	140
Master of Economics	8	3	11	81
Bachelor of Education	102	51	153	777
Bachelor of Special Education	15	10	25	25
Master of Education	18	6	24	83
Bachelor of Engineering	83	2	85	567
Bachelor of Engineering with Honours	103	1	104	692
Master of Engineering Science	11	3	14	108
Bachelor of Jurisprudence	56	13	69	747
Bachelor of Laws	111	13	124	761
Bachelor of Laws with Honours	12	6	18	81
Master of Laws	6	1	7	22
Bachelor of Medical Science	—	—	—	11
Bachelor of Medical Science with Honours	6	1	7	102
Bachelor of Medicine, Bachelor of Surgery	73	23	96	977

	Male	Female	1976 Total	1961-76 Total
Bachelor of Medicine,				
Bachelor of Surgery with Honours	16	14	30	269
Bachelor of Science	178	99	277	1,870
Bachelor of Science with Honours	127	49	176	1,135
Master of Environmental Science	8	2	10	10
Master of Science	21	2	23	173
Doctor of Philosophy	81	15	96	675
Doctor of Medicine	1	1	2	13
Doctor of Science	—	—	—	4
Honorary Master of Science	—	—	—	2
Honorary Doctor of Letters	1	—	1	7
Honorary Doctor of Engineering	—	—	—	5
Honorary Doctor of Laws	—	—	—	20
Honorary Doctor of Medicine	1	—	1	5
Honorary Doctor of Science	—	—	—	7
TOTAL DEGREES	1,558	810	2,368	18,378
Diploma in Education	172	293	465	4,000
Diploma in Microbiology	—	—	—	3

1976 Annual Examination Pass Rates

Pass rates continue at a relatively high level with, as expected, some fluctuations resulting from various factors including level of intake, changes in course content and structure and variations in method of assessment.

PASS RATES

(for first year full-time students)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
<i>Group (a)</i>										
Arts	74	80	77	78	80	83	85	87	88	83
Economics and Politics	85	83	76	76	88	81	87	85	80	75
Law	72	80	72	80	82	79	88	92	94	91
Science	89	90	86	89	90	89	87	84	87	85
<i>Group (b)</i>										
Diploma in Education	90	89	92	92	92	96	97	95	95	98
Engineering	84	74	75	84	88	82	76	64	64	67
Medicine	91	97	96	99	96	98	98	95	90	99

Note: For the purpose of this table, students are regarded as having passed in —

Group (a) if they have passed more than half the subjects or units taken, except that those taking three subjects are regarded as having passed the year only if they have passed all three subjects; and

Group (b) if they passed all subjects or failed in one or two subjects but were granted passes in the year as a whole and continued into the next year of the course.

FACULTY OF ARTS

Dean: Professor G. R. Manton, M.A.(Cantab.)

Students

While the first year quota for the faculty has for the past ten years been held as near as possible to 1,100 students, the total of teaching E.F.T.S. in the faculty has risen by an average of between 3 and 4 per cent each year over the same period. This has been due in varying degrees to increases in the retention rate at second and third year levels, in the proportion of B.A. students proceeding to fourth year honours, in enrolments for higher degrees and in the number of not-for-degree

students accepted by the faculty. Although the overall increase was 3.7 per cent in 1976, it is not likely that these factors will continue to operate, and it should not be difficult to hold the total at between 3,000 and 3,100 in accordance with University policy.

The distribution of enrolments among departments depends largely on student choice, limited only by quotas in certain disciplines in which it has not been possible to expand the staff to meet student demand. This applies especially to Sociology, which continues to attract large numbers, and Visual Arts, for which a steady growth is planned.

Staff

For the first time, two professors in the faculty reached retiring age, both in the department of Philosophy, Professor D. H. Monro, the foundation professor who took up his appointment in March 1961, and Professor A. C. Jackson, who was appointed to the second chair in 1966. After lengthy discussions, the faculty board decided to recommend to the Professorial Board and Council that two chairs of Philosophy be retained. One has been filled by the appointment of Peter Singer, senior lecturer in Philosophy at La Trobe University, who takes up his duties at the beginning of 1977. It is hoped that an appointment will be made to the other chair early in 1977. Professor Jean Garagnon, of the University of Lyons, was appointed to the chair of French vacated at the end of 1975 by the resignation of Professor I. P. Barko, and arrived in December. The second chair of Geography, vacated in July 1975 by Professor R. H. T. Smith, has been filled by the appointment of Professor W. C. Clarke, professor of Geography in the University of Papua New Guinea, who is expected to arrive at the beginning of 1978.

From the beginning of the year, Dr E. F. Barry, senior lecturer in English, was promoted to an associate professorship. At the end of the year two other senior lecturers accepted appointments to chairs elsewhere, Dr D. B. Waterson, who came to Monash as a lecturer in History in 1964, to the chair of History at Macquarie University, and Dr R. D. Sussex, who has been senior lecturer in Linguistics since July 1974, to the chair of Russian at Melbourne University.

Curriculum

UNDERGRADUATE STUDIES: The department of Visual Arts taught second year units for the first time in 1976, dealing mainly with the visual arts of the 20th century and with the study of film. From the beginning of the year Social Work, at first a section within Anthropology and Sociology, has operated as a separate department, and extended its teaching to the second year of the specialized Social Work course which forms the fourth and final year of the Bachelor of Social Work degree.

Since field work forms an important part of the degree course, much of the effort of the new department has been spent in establishing suitable outside agencies in which field work training can be supervised.

A new honours course has been approved in Classical Languages and Literature. This enables students to combine Classical Civilization, which hitherto has been offered only at pass degree level, with three years' study of Greek or Latin and proceed to an honours degree.

GRADUATE STUDIES: During the year 19 students completed the requirements for the degree of M.A. and 12, enrolled in Arts departments, for the Ph.D.

The Graduate School of Librarianship enrolled its first students this year for the degree of Master of Librarianship. The course is designed for graduates with a professional library qualification and consists of two parts, Part I comprising course work and research papers, and Part II either a major thesis or course work and a minor thesis. The minimum duration of the course for a full-time student is eighteen months, except for those who on the grounds of special academic qualifications may be excused from Part I and may complete the course in one year.

Some places were allotted to librarians from other States and from overseas and in all 20 students were admitted, 3 full-time and 17 part-time. The school has received many visitors, both from Australia and from overseas, who have contributed to its seminars. The appointment of a half-time research fellow has been made possible by a special grant from the Library Council of Victoria, extending over a period of two years.

Of the graduate diploma courses offered by the faculty for the first time this year, only two attracted enrolments, 3 for the Diploma in Linguistics and 13 for the Diploma in Migrant Studies.

Centres

The Centre for Migrant Studies, the responsibility for which is shared with the faculty of Education, received official recognition from the Professorial Board as an inter-faculty centre. Apart from co-ordinating the work for the diploma, the centre has held fourteen seminars attended both by members of the universities and by members of ethnic communities.

The Centre for General and Comparative Literature, which has been active since 1970, has run a series of seminars on *Epistemology and the Humanities* and received a number of overseas visitors.

The Centre for Southeast Asian Studies is the oldest and most active of the interdisciplinary centres and the only one under a full-time director. The students registered with the centre are graduate students enrolled mainly in the departments of Politics, History, Geography, Anthropology and Sociology, Music and Linguistics. A prominent part is played by Asian graduate students from Malaysia, Indonesia, Thailand, Burma and Cambodia. There have also been 3 students from Sri Lanka working on Southeast Asian topics. Apart from its own regular seminars and occasional publications, the staff and students of the centre played an active part in the first national conference of the newly-formed Asian Studies Association held at the University of Melbourne in May.

Conferences

Among a number of conferences held at Monash, two deserve special mention. In March the first Australian seminar on Japanese language teaching took the form of a weekend conference attended by 100 teachers of Japanese from all States. Guest speakers included Professor F. Koide, director of the Monash Japanese centre in Tokyo, and Professor E. Jorden, of Cornell. In August the Australian and New Zealand American Studies Association held its 7th biennial conference at Monash. The four-day conference was preceded by a two-day graduate seminar, and was organized jointly by the departments of English and History and attended by over 100 scholars and critics, including Professors J. B. Miller of Chicago and Leon Edel of Yale.

Creative and Performing Arts

During 1976, staff and students of the department of English have produced plays, both modern and Shakesperian, as an aid to the teaching of the department, and members of the department of Music have given concerts of Indian and Thai music and dance as well as regular gamelan concerts under the direction of the visiting teacher, Mr Poedijono. The department of Visual Arts, with the aid of the Visual Arts Board of the Australian Council, has had an artist in residence and has organized exhibitions in its gallery, the most notable of which was the Eva and Marc Besen collection of Australian paintings at the beginning of the year.

A well-known benefactor of the University, Mrs Vera Moore, has now enabled the University to establish a fund, known as the Vera Moore Fund, from which the Arts faculty may help finance exhibitions and performances in the creative and performing arts designed to aid teaching in the faculty.

Visitors

Departments in the faculty received over fifty visitors from overseas universities, most of whom gave lectures or conducted seminars.

Faculty Board

At the end of 1975 a committee was set up to receive comments and reports on the effectiveness of the faculty board, which was then concluding the tenth year of its operation. The report was received by the faculty board in June and a number of recommendations were adopted, designed particularly to improve the operations of the steering committee and to provide members of the board with more detailed information on the administration of the faculty.

The faculty board has submitted proposals to the Professorial Board for provision to be made for the appointment from time to time, under certain conditions, of non-professorial chairmen of departments.

FACULTY OF ECONOMICS AND POLITICS

Dean: Professor D. Cochrane, C.B.E., B.Com.(Melb.), Ph.D.(Cantab.)

Students

Total enrolment in the courses taught by the faculty increased from 2,273 in 1975 to 2,462 in 1976. Undergraduate numbers increased from 2,048 to 2,166 and graduate students rose from 225 in 1975 to 247 in 1976. Enrolments in the Master of Administration course were 179 compared with 164 in 1975 and Master of Economics students increased from 48 in 1975 to 53 in 1976.

Total E.F.T.S. for the faculty increased from 2,242 to 2,358. The faculty has now reached its maximum size and it is anticipated that E.F.T.S. will be stabilized in future years at around 2,320.

The steady increases over recent years in the number of students deferring their place in the first year of the Bachelor of Economics course and the number obtaining leave of absence during the course, now seem to have come to an end. The following table shows that the total number of such students has steadied at a substantial level.

	<i>Deferred Places</i>	<i>Leave of Absence</i>
1972	21	52
1973	43	83
1974	65	116
1975	91	123
1976	93	122

During the year 306 students graduated with the degree of Bachelor of Economics including 20 honours graduates. There were 10 Master of Economics graduates and 40 graduates with the degree of Master of Administration.

Staff

During the year, the following new members of staff took up their appointments, Professor P. T. FitzRoy (chair of Administration), Professor J. G. Head (chair of Economics), Professor R. R. Officer (chair of Accounting and Finance) and Professor M. G. Porter (chair of Economics); Dr J. J. McMahon (senior lecturer in Administrative Studies) and, as lecturers, Dr T. Baysan (Economics), Dr I. A. Gribble (Economic History), Mr L. D. Parker (Accounting and Finance), Mr A. Perry (Politics), Dr G. M. Richards (Economics), Dr C. Rubenstein (Politics) and Dr P. G. Warr (Economics).

Dr N. C. Hope (lecturer in Economics) resigned to take a position with the World Bank in Washington, Mr E. J. Hutchinson (lecturer in Accounting and Finance) to

return to Canada, Dr R. R. Piggott (lecturer in Economics) to take up a lectureship at the University of Newcastle, and Dr R. Yerbury (senior lecturer in Economics) to take up a chair in the Graduate School of Management at the University of New South Wales.

Curriculum

During the year the faculty discussed at great length the structure of the course for the degree of Master of Economics. Eventually it was decided to retain a similar structure as in previous years but with a number of changes. Each department will retain the option of proceeding by course work and minor thesis or by major thesis and the departments of Economics and Politics will introduce a third alternative of course work and research paper. These departments consider that the additional course work which now may be taken towards the Master of Economics degree should be of substantial assistance to students particularly those who are intending to proceed to the degree of Doctor of Philosophy. The course in the department of Politics by course work and research paper is in the field of Australian Politics and Government. Students proceeding to a Master's degree in the department of Economics will be required to specialize in one of four areas, public policy, economic theory, labour studies or international trade and development.

As a result of other changes in curricula, students graduating with joint majors in economics and accounting are now eligible for full professional accounting accreditation.

Public Lecture

The 1976 Monash Economics Lecture was given in the Alexander Theatre by the Hon. J. W. Howard, Minister for Business and Consumer Affairs, on Monday 30 August. Mr Howard's paper was entitled "The Government's Approach to Corporate Regulation".

As a result of the rising costs associated with holding the Lecture and declining attendance over the last few years, both sponsors of the Lecture, the Stock Exchange of Melbourne Limited and the Institute of Chartered Secretaries and Administrators, decided to withdraw their sponsorship of the Lecture. Both organizations have sponsored the annual Lecture for the past ten years. The faculty expressed its regret that the two organizations felt obliged to sever their association with the Lecture in future years.

Faculty Library

The first full year of occupation of the remodelled library with its improved study facilities saw a considerable increase in usage primarily as a study centre.

Further consolidation of the technical organization of the collection took place and efforts continued to acquire potentially useful research material, to fill gaps in journal holdings and to extend the runs where it is both feasible and useful.

A weekly "current contents" file was again produced and the faculty continued to justify this awareness service by maintaining a relatively high use of recent material.

FACULTY OF EDUCATION

*Acting Dean: Professor R. Taft, B.A.(Melb.), M.A.(Col.), Ph.D.(Calif.),
F.A.Ps.S., F.A.S.S.A.*

Students

There were 1643 students, who counted as 1190 E.F.T.S., enrolled in the faculty on 30 April 1976. The details given below relating to these totals indicate the main directions of the teaching undertaken during the year:

	<i>Number of students</i>	<i>E.F.T.S.</i>
Diploma in Education	569	468
Bachelor of Special Education	85	85
Diploma in Educational Psychology	51	29
Bachelor of Education	559	212
Master of Education, Course Work	189	202
Master of Education, Thesis	123	134
Doctor of Philosophy	47	60

Thus, during 1976 about a third of the faculty's students were at the higher degree level, whilst of the remainder just over a half were undertaking initial teacher training and just under a half were studying for the degree of bachelor. The future emphasis of the faculty's teaching is a question of great difficulty and one which is under constant review. Relevant factors to be considered are the apparent present surplus of trained teachers in Victoria and the University Commission's views on the future development of education faculties within Australian universities.

In 1977 the quota of students studying for the Diploma in Education will be lowered to 400. The faculty wishes to retain a viable interest in initial teacher training. However, it would seem that, particularly in a faculty well-known for its expertise in research, the emphasis may tend to move in future years towards a somewhat greater proportion of teaching at the higher degree level than is at present the case.

Staff

During the year several appointments were made to the staff at various levels, though the rate of recruitment has diminished because the faculty has now reached its planned size. Three specific events may be mentioned. Firstly, Professor R. Taft acted as dean during the year until Professor P. W. Musgrave was appointed for five years from the beginning of 1977. Secondly, Dr R. T. White was promoted to an associate professorship from the same date. Lastly, it is sad to report the deaths during 1976 of two former members of the faculty, namely Mr K. J. McAdam, who had been on a disability pension since 1975, and Mr H. P. Schoenheimer who left this faculty in 1970.

Curriculum

Apart from the developments to existing courses that are inevitable as knowledge grows there have been a number of innovations in the faculty. The Diploma in Educational Psychology, a course to enable psychologists to reach professional status, has been taught for the first time. The faculty was also involved in starting the Diploma in Migrant Studies, a course taught jointly with the faculty of Arts.

Consideration of the course for the Diploma in Education is a continuing process. For the first time the faculty ran a two-day seminar on the course and the changes flowing from this detailed evaluation should be easier to implement because of the drop of numbers involved — over two years there has been a 20 per cent fall in the number of full-time students accepted into this course.

In 1976 the faculty experimented with the organization of teaching practice. As a result of suggestions from students, some worked on a time-table whereby two days per week were spent in school and three days in the faculty. For various reasons this method of organization was not entirely satisfactory and will not be repeated in 1977. Throughout 1976 planning of school practice was difficult because of uncertainties concerning payment of supervising teachers. This situation is still causing problems for the plans for 1977.

Professional and Public Service

A professional faculty must expect many calls for help and advice from those whom it serves. Members of this faculty respond willingly to such expectations by serving on, for example, governing bodies and ad hoc advisory committees. Thus, during 1976 Professor Tisher was elected chairman of the Australian Association for Research in Education and Shirley Sampson was chairperson of the Victorian Government's Committee on Equal Opportunity.

Visitors

The faculty has had many visitors during the year, several of whom have given significant help to the teaching and research of the faculty. It is a great stimulation to this faculty that so many academics wish to spend part or the whole of their study leave at Monash.

Faculty Structure

Throughout the year much discussion has taken place within the faculty with the aim of re-organizing the structure of committees so as to achieve as democratic and open an atmosphere as is possible within the present statutes and regulations of the University. In this respect the problems of the faculty are different from most of the other faculties because it is not split into departments.

Accommodation

The faculty buildings achieved completion during 1976; many minor problems consequent upon moving into new buildings were faced and overcome. Some facilities that were temporarily surplus to the needs of the faculty were made available to the Centre for Continuing Education which was housed in the faculty during the year.

The final addition to planned buildings was the Krongold Centre which is already providing assistance directly and indirectly to children with special needs. This assistance so far has taken the form of providing advisory services and assessment, of intervention and involvement with families and the community. This centre owes its existence to the generosity of Mr Henry Krongold, and his wife Dinah, whose gift to the University, together with Federal assistance through the Department of Social Security, made its construction possible. Faculty staff are assisted by staff seconded from the Victorian Education Department. The Krongold Centre was opened by the Prime Minister on 23 August 1976.

FACULTY OF ENGINEERING

*Dean: Professor L. A. Endersbee, B.C.E., M.E. (Melb.), F.I.E.Aust.,
F.A.S.C.E., M.Aus.I.M.M.*

Students

The total number of enrolments in the faculty in 1976 showed a further decline on the previous two years. The decline was due primarily to a lower progression rate from first to second year, which dropped to 64 per cent. This is related to the declining proportion of high school students taking the normal engineering pre-requisites of Pure and Applied Mathematics, Physics, Chemistry and English. There is an increasing number of higher school certificate students taking General Mathematics; results in first year Engineering in 1975 and 1976 show that these latter students have a low probability of passing first year. Consideration is being given to modifying first year coincidentally with prospective changes in higher school certificate syllabi.

Staff

The foundation dean of the faculty of Engineering, Professor K. H. Hunt, retired from that position at the end of 1975 and took up a chair of Mechanism in the department of Mechanical Engineering in 1976. Other changes during the year included the resignation of Associate Professor R. H. Brown, who left to take up a chair in Mechanical Engineering in the University of Western Australia, the promotion to senior lectureships of Mr B. T. Kuhnell (Mechanical Engineering) and Dr K. W. Ogden (Civil Engineering) and promotion to a lectureship in Materials Engineering of Dr R. A. Jago.

Curriculum

The major feature of continuing faculty development in 1976 was the decision to proceed, in 1977, with a comprehensive offering of subjects for the degree of Master of Engineering Science for study by course work, the courses being designed especially for part-time study by practising engineers. Graduate subjects will be available in all departments in the faculty. The availability of these courses was announced late in 1976, and the response from the profession was most encouraging.

In the department of Civil Engineering, a new final-year elective, "Advanced Visco Elasticity" has been introduced, mainly for students in Materials Engineering, and the possibility of increased water resources/environmental engineering content in the undergraduate course is under discussion. In the department of Mechanical Engineering, the subject Mechanics of Solids has been introduced into third year and the department of Materials Engineering has continued its collaboration with the department of Physics in offering Materials Science subjects in the faculty of Science.

Research and Professional Service

Once again research in all departments covered a wide field. Colloquia, papers and research reports were presented and published and support from outside sources continued to be attracted.

As in previous years, calls upon academic staff to engage in professional and educational activities outside the University were many and varied and led to heavy involvements as requests were met from learned societies and consultative and other bodies.

A considerable number of conferences, both in Australia and overseas, was attended by staff from all departments and a wide range of consulting work has been undertaken. Among activities engaged in by the faculty may be mentioned: a model of a grit removal channel for M.M.B.W., flood mitigation in the Werribee area, transport developments in Berwick, and engineering projects for the Moomba/Sydney gas pipeline and the Victorian Arts Centre.

Visitors

Once again, a great many academic visitors both from within Australia and from elsewhere spent periods in the faculty during the year and assisted with its work.

FACULTY OF LAW

Dean: Professor D. E. Allan, M.A.(Cantab.); of the Middle Temple, Barrister, Barrister (N.Z.); Barrister (Tas.); Barrister (Vic.)

Students

Enrolments in the faculty in 1976 were as follows:

	<i>Full-time</i>	<i>Part-time</i>	<i>Total</i>
B.Juris./LL.B.	444 (453)	118 (105)	562 (558)
B.A./LL.B.	309 (289)	20 (9)	329 (298)
B.Ec./LL.B.	449 (418)	14 (17)	463 (435)
B.Sc./LL.B.	77 (70)	— (1)	77 (71)
	<hr/> 1279 (1230)	<hr/> 152 (132)	<hr/> 1431 (1362)
LL.M. by thesis (prelim.)	—	6 (6)	6 (6)
LL.M. by thesis	2 (1)	11 (15)	13 (16)
LL.M. by course work	9 (7)	99 (88)	108 (95)
Ph.D.	2 (5)	5 (6)	7 (6)
	<hr/> 13 (13)	<hr/> 121 (106)	<hr/> 134 (119)
Not for degree	3 (2)	32 (40)	35 (42)

Staff

It is with great sadness that the faculty reports the deaths during the year of Dr Elizabeth Eggleston, senior lecturer and director of the Centre for Research into Aboriginal Affairs, and of Emeritus Professor Frank R. Beasley, formerly senior law library adviser and special lecturer in the faculty. The faculty owed much to both of them and is poorer by their loss.

Curriculum

In the field of clinical legal education, Monash, through its new course on professional practice, has been a pacesetter. The course has proved extremely popular, but is costly in terms of resources. The major limiting factor is the number of places for students that can be found in law offices so that they may obtain practical experience. The connexion between the faculty and the Springvale Free Legal Service has proved most useful here, and maximum value has been obtained by running the course on a trimester basis. The use of the summer trimester for teaching purposes is in itself an interesting experiment that may shorten the total length of time needed to complete an LL.B. degree.

The graduate programme has continued to develop and expand. Whilst the number of candidates enrolled for master's or doctoral degrees by thesis has remained fairly constant, the number enrolled for the degree by course work and minor thesis has continued its dramatic increase. From 44 students enrolled in 1973, the enrolments have progressed through 66 in 1974, 95 in 1975, to 126 in 1976. It is pleasing to report also that an increasing number of our graduate students are full-time, and many of them come after experience (academic and professional) from overseas. This had added a totally new dimension to the work of the law school and has provided a rich environment of academic excitement.

The faculty has been very much concerned about the career prospects for our students, particularly as there were clearly insufficient opportunities for articulated clerkships for a large proportion of them, and it was not clear until the eleventh hour that the Sir Leo Cussen Institute would have sufficient funds to run a legal workshop in 1977. The solution is still short-term; it has an unsettling, or rather disrupting, effect on the work of the faculty; and it has caused both the law school and the profession to debate the place and purpose of legal education and the role of the university law schools. A national conference on legal education, organized in Sydney in August 1976 by the Law Council of Australia and the Australasian Universities Law Schools Association enabled all these issues to be debated. Although the conference produced a greater awareness of a variety of points of view, the issues

raised are likely to be divisive for some time and yet critical for the development of university legal education.

Professional and Public Service

In 1976 the faculty responded to a considerably increased demand from the community for continuing legal education. In addition to week-end seminars and the Professional Admission Summer School, the faculty has cooperated with the Law Institute of Victoria in a series of lectures on the securities industry, and with the Accepting Houses Association of Australia in a seminar on "The Emerging Money Market". In 1977 the faculty will organize a national summer school during the long vacation in collaboration with the Law Council of Australia, and in the August vacation is joining with the National Bank of Australasia to organize an international conference in Hong Kong on "Law and Development Finance — Investment in Asia".

Visitors

The law school had a number of visitors in 1976. Some came for short periods and gave lectures or conducted seminars for students or staff; others came for longer periods and assisted with the teaching of the faculty in various ways. All considerably enriched the work of the law school and stimulated new thinking in important areas.

The Law Library

The only notable increase in library holdings in 1976 was in the criminology collection, thanks to the Victoria Law Foundation Grant, although a supplementary grant from the University enabled the library to buy additional sets of the most heavily used law reports.

Work on the union list of law reports held in Australian law libraries is nearing completion, and an application has been made to the Library Association of Australia for a small grant to facilitate the publication of a case-notes index, which has been maintained on cards by the law library since 1968.

It has been decided that the purchase of the U.S. Statutes at Large, which is being made from "outside earnings" of law school staff supplemented by some private donations, shall be dedicated as a memorial to the work of the late Professor Frank Beasley in planning and establishing the law collection.

FACULTY OF MEDICINE

*Dean: Professor R. R. Andrew, A.O., M.D., B.S.(Melb.), Hon.M.D.(Monash),
F.R.C.P., F.R.A.C.P.*

Students

There are 918 medical undergraduates distributed as follows: year I, 163; year II, 158; year III, 159; year IV, 157; year V, 141; year VI, 131; B. Med. Sc. 9.

Female entrants comprised 33 per cent as against 43 per cent in 1975 and 47 per cent in 1974.

Staff

There are 133 academic staff full-time, and 48 part-time.

The following table shows staff and student equivalents with student/staff ratios:

	<i>E.F.T.S.</i>	<i>E.A.S.</i>	<i>Student-Staff Ratio</i>		
			<i>Campus</i>	<i>Downtown</i>	<i>Faculty</i>
1971	1,249	173	9.9	5.5	7.2
1972	1,298	166	9.6	6.2	7.8
1973	1,388	177	9.6	6.2	7.8
1974	1,521	189	9.6	6.7	8.1
1975	1,501	194	9.5	6.2	7.8
1976	1,485	186	8.8	6.5	7.9

Of the 1,485 E.F.T.S. 546 are from the faculty of Science, mainly in Biochemistry, Physiology and Microbiology (455 in aggregate).

Professor L. Opit, the new professor of Social and Preventive Medicine, joined the faculty in October.

Three honorary associate professors were appointed — a new rank which will help to establish even closer links with affiliated hospitals. They are Hon. Associate Professor J. Nayman, Surgery, Southern Memorial Hospital; Hon. Associate Professor W. de Boer, Pathology, Southern Memorial Hospital; and Hon. Associate Professor E. Guli, Pathology, Queen Victoria Hospital. All will continue to have a significant role in teaching.

In this regard there has been a considerable number of active consultant appointments to our affiliated hospitals during the year. These include Professor S. Faine, honorary consultant microbiologist to Queen Victoria Hospital; Professor B. Firkin, consultant to the division of medicine, Southern Memorial Hospital; Professor W. Ironside, consultant psychiatrist to the division of family medicine, Southern Memorial Hospital; Professors J. Bornstein and A. W. Linnane, consultants in biochemistry, Southern Memorial Hospital; Professor S. Faine, consultant microbiologist to the division of laboratory medicine, Southern Memorial Hospital; Professor R. C. Nairn, consultant to the division of laboratory medicine, Southern Memorial Hospital; Professor E. S. R. Hughes, consultant to the division of surgery, Southern Memorial Hospital.

Professor R. R. Andrew, foundation dean of the faculty, retired at the end of the year and will be succeeded in 1977 by Professor G. C. Schofield formerly professor of Anatomy.

Curriculum

The report of the Standing Committee on Education has now been through the faculty and nearly all its recommendations adopted. It is confidently expected that the whole curriculum will be better integrated between campus and downtown; communication across the faculty improved; and a number of structural and functional innovations instituted with advantage. A much clearer understanding of the relationship between staff and students has emerged and the decisions taken have in many instances been along the lines recommended by students who have worked hard and constructively on the six working parties.

The faculty has reaffirmed its belief that the continuation of the six-year medical course is necessary to support its objectives.

Pass Rates

<i>Year</i>	1970	1971	1972	1973	1974	1975
<i>1st</i>	99	96	98	98	95	90
<i>2nd</i>	95	90	91	89	85	91
<i>3rd</i>	90	85	90	88	88	90
<i>4th</i>	99	96	97	93	92	98
<i>5th</i>	99	97	99	100	100	98
<i>6th</i>	99	98	98	96	97	99

Accommodation and Clinical Resources

No new affiliations have been formed but there are now 11 association agreements with public and private hospitals. The publication of the Syme-Townsend report and its acceptance in principle by the Government may have significant effects on our teaching situation. The report *inter alia* says (15.12) — "We are confident the Health Commission will facilitate any developments within its power that might be necessary to involve the private section in medical training". It is likely that new strategies will need to be developed to make use of the 1,500 beds in non-profit private hospitals in the metropolitan area.

The Queen Victoria Hospital rebuilding scheme advanced greatly during the year. Professor A. C. L. Clark has been the essential University link in the development of a planning brief which has now been accepted by Melbourne and Metropolitan Board of Works and we are advised a permit to build will follow. It is to be hoped that the Government will now authorize an early start and provide adequate funds.

The new medibank system was operating throughout the year, although significantly changed from 1 October by the new Government. The effect has been hard to assess. The clinical responsibilities of academics have not changed nor are the clinical categories of patients apparently altered. However, the financial arrangements can only be described as chaotic and the whole question of outside earnings will need to be reconsidered. A committee has been established to advise the Vice-Chancellor.

Research

Despite cutbacks in funds, research was actively pursued in all departments.

FACULTY OF SCIENCE

Dean: Professor J. M. Swan, Ph.D.(Lond.), D.Sc.(Melb.), F.R.A.C.I., F.A.A.

Students

The completion of the biology building in late 1975 permitted several departments to move to the new accommodation in time for first term 1976. Unfortunately, however, the building has been only partially fitted out and some departments are still experiencing cramped conditions. The problem of admitting students into second year adequately equipped for their second and their likely third year options is brought into focus by the fact that facilities of teaching space, staff, and equipment for many second year subjects, and especially those in the biological sciences, are limited. Constraints on laboratory space are especially acute. Entry to these subjects is therefore controlled by quotas, and the basic criterion for entry into a quota is the quality of performance in the first year prerequisite subjects.

The faculty of Science for many years past has foreseen the mounting pressure of student demand for teaching in the biological sciences, and has made repeated requests to the appropriate authorities for funds to permit expansion of present facilities. While some welcome additions and improvements have been made, the problem remains acute, with no major relief in sight. A recent survey, completed at faculty request by the Monash Higher Education Advisory and Research Unit, shows that some science students who will have passed their first year subjects in 1976 may nevertheless fail to gain admission to the second year subject of their choice in 1977.

The faculty will not rest content until a satisfactory resolution of this problem has been achieved — one that will impose the minimum of disturbance on the plans of each of these as-yet-unidentified students.

Staff

At the beginning of the year, Professor J. M. Swan, formerly professor of Organic Chemistry and Pro-Vice-Chancellor in the University, took up his appointment as dean of the faculty in succession to Professor K. C. Westfold who, after a one-year term as Pro-Vice-Chancellor will, early in 1977, take up a chair of Astronomy in the department of Mathematics. Professor B. O. West, professor of Inorganic Chemistry, served as a Pro-Vice-Chancellor throughout 1976 and will continue part-time in that appointment in 1977.

Professor J. M. Cullen took up his appointment to the second chair in the department of Zoology and Professor T. F. Smith was appointed to a third chair in the department of Physics. Professor W. J. Ewens accepted an offer of appointment to the chair of Mathematical Statistics vacated by Professor J. S. Maritz in 1975 and will commence duty in January 1977.

Curriculum

During the year, the faculty carried out a full review of the Bachelor of Science course which resulted in modifications particularly affecting first year. The faculty had become increasingly concerned about the academic difficulties faced by a number of students entering the science course at Monash with a reasonable 6th form school performance but with a less-than-adequate preparation in basic science subjects: students who might in the past have been expected to enter a humanities-type course.

Indeed, many of them had put Monash science well below their first preference when seeking university entrance. It is a somewhat disturbing sociological phenomenon that many students nowadays will seemingly accept any offer that gets them into a university even if the course is quite foreign to their real interest, ambition or evident ability.

Typically the students posing the greatest problem to the faculty are those who have taken only biology, with or without general mathematics, as their only science subjects at school. Furthermore, such students might have performed only marginally well in these subjects, but achieved a reasonably high higher school certificate score by good performances in the histories, foreign languages, and English. The remorseless computer-based logic of the present method of selecting normal-type students into universities means that such students can receive a first and possibly their sole offer from an institution that may be very low down on the student's list of preferences, the offer being based on score alone. The situation can be avoided by insisting on prerequisites at higher school certificate levels but this produces almost more problems than it solves and has always been strongly resisted by the faculty. In particular, a selection system based on prerequisites can be unjust to the student who happens to attend a school where some of those prerequisites are not taught. It also imposes restraints on the teaching programmes of the secondary schools which are being increasingly resisted by at least some members of the teaching profession.

In the past, students of the kind referred to faced a severely limited range of first year options, placed great demands on subjects such as biology and psychology, and often found themselves in even greater difficulty in second year when quota problems unfortunately become even more severe. Over the past few years the subject Biology 101 has been in such demand that practical work had to be reduced from three hours per week to three hours per fortnight: the subject became increasingly less satisfying to the well-prepared students wishing to major in the biological fields.

In addition to grappling with this special problem, the faculty was also concerned to ensure that while a wide choice of subjects was available for the pass degree, the basic skills and methodologies of science were emphasized in first year, so that

the students' options were kept open in relation to further study or career choice.

The principle that underlies the changes that have been introduced is to require first year students to build further upon the basic science subjects they have been studying in their secondary schooling before embarking on "non-science" options. The faculty now requires that at least two of the four first year subjects shall be chosen from biology, chemistry, physics, and mathematics. The remaining subjects open to choice by a first year student have been rearranged in a system of limited availability that reinforces this emphasis on the basic sciences. The opportunity that was formerly available in the first year, to study any humanities subject of the student's own choice, is deferred until the second year. However, the possibility of including either economics, accounting, or legal process in the first year course is retained, and three new science options have been introduced, namely Physical Geography 101, Geology 101, and Life Science 101.

The quota for Biology 101 will be reduced from around 800 in 1976 to 300 in 1977 and a full practical course of three hours per week will be given. The remaining demand will be met by the introduction of a new subject, Life Science 101, having no laboratory component but a series of home-based projects. No previous knowledge of biology will be assumed, and the aim of the course will be to provide a broad education in biological principles; in the attitude of science, especially in the making and recording of observations and the evaluation of their significance, in the use of measured quantities as tools of thought; in the variability of living things and the range of differences in which organisms are viable.

It is expected that the academic consequence of the restructured first year course will be that every student progressing into second year, where the range of disciplines available for study opens to the full breadth of the faculty's resources, will be better qualified by virtue of his first year background to be admitted to the subjects of his choice than would have been the case in previous years. Many second year subjects prescribe or assume a knowledge of one or more first year subjects, especially the basic subjects of biology, chemistry, physics, and mathematics.

During the year the faculty issued a booklet to all secondary schools in Victoria explaining the new structure of the Monash science first year. Intending students were asked to consider whether they would be adequately prepared to undertake the course if they had not studied at least two, or preferably four of the subjects chemistry, physics, pure mathematics, applied mathematics, general mathematics and biology in their final year at school. The booklet will also be posted to all students being offered selection into Monash science through the V.U.A.C. system.

The year saw the introduction of the first year of graduate diplomas in Computer Science and Engineering Geology. Both courses attracted high calibre students although there has been some attrition of part-time students who found the courses more demanding than expected.

Research

There were 34 degrees of Doctor of Philosophy and 20 degrees of Master of Science awarded in the faculty in 1976.

Research activities in all departments have continued at a high level.

Professional and Public Service

As in previous years, many members of academic staff continued to serve on councils and committees of professional and learned associations. In particular, faculty representation on the various standing committees and examination panels of the Victorian Universities and Schools Examinations Board remains at a high level.

LIBRARY

Librarian: Mr. T. B. Southwell, B.A. (Syd.), A.L.A.A.

Academic and research libraries throughout the world have been caught between the rising costs of books and periodicals and the lowering of the financial support available. The problem is being felt particularly in Australia, whose currency levels had given some protection against the worst of the cost increases; when that protection was suddenly withdrawn by the November devaluation the wind blew very cold indeed.

The most serious effects will not be felt until 1977, but those periodical subscriptions which were paid in the last month or so of the calendar year were seriously inflated.

Book intake fell from the peak of 97,000 in 1975 to 57,000. The staff establishment was held at the 1975 level, though some unexpected supplementation made possible the employment of temporary staff at times through the year; this gave particular assistance to the cataloguing department which was faced with a heavy load from the previous year's intake and the incidence of long service leave. Some reorganization of cataloguing resulted in the cataloguing throughput being raised considerably. There has also been some reorganization of the acquisitions department and the Government publications section was expanded to include monographs as well as serials and came under the control of the humanities and social sciences librarian.

The last annual report noted that borrowing from the library was continuing to rise faster than the population served. This trend continued and was most marked in the humanities and social sciences library where a more liberal lending policy on overnight loans was clearly appreciated, this type of loan increasing by 142 per cent. Total loans across the system were 615,628, as against 540,000 in the previous year. It became clear that for such a volume of work the interim loan system, which depends on key-punched input to computer, was too labour-intensive and prone to human error, and investigations were conducted into alternative automatic data collection systems.

The concept of the library as part of a much wider network has been gaining acceptance for many years, and the constantly increasing inter-library loan traffic has underlined it. In 1976 loans reached 21,469 and borrowing also rose, to 7,468. However several developments in the year suggest that in this regard library cooperation is entering a quite new phase. On-line interrogation of bibliographical data bases is now a reality, and from September the biomedical library has been regularly conducting searches of the MEDLINE base mounted on the Department of Health computer in Canberra. A demonstration of access to the educational data base ERIC ran for three months between the RMIT and the National Library, and since Monash holds the massive microfiche file which supports the data base, the library has been pressing for access to it through a local computer bureau. This possibility has now been taken up by the National Library, with the chance (if finance can be found) of expansion into several other of the major data bases, or of construction of new ones, purely Australian.

At the same time, the long, desultory negotiations aimed at improving cooperation between the academic libraries, led at the beginning of the year to a survey by an outside consultant, of means to set up a joint office with its primary task the support of cooperative cataloguing. The consultants' report was received by the VUCC and the concept of CAVAL (Cooperative Action by Victorian Academic Libraries) has been recommended to participating institutions (including the State Library). The National Library is also promoting a joint cataloguing venture, and it is the firm hope of those associated with CAVAL that the two operations may be developed in double harness.

The biomedical library's pilot operation as a reference centre for the Australian Hospital Association ran for six months, with some help towards the staffing provided by the association. No finality has been reached in the matter of long-term funding, but the association's satisfaction with the services has been indicated by an extension of the temporary finance for a further six months. Information on a wide range of matters relating to hospital administration was supplied to inquirers from all across Australia.

The library welcomes the establishment of the Graduate School of Librarianship and believes that such a centre of expertise can only be of value, both in the provision of advice and assistance and in keeping staff conscious of goals and values beyond the immediate work situation.

It was the library's good fortune to be exposed to another searching eye when Professor Perry Morrison of the University of Oregon's School of Librarianship spent nine months in the library as a "participant observer". His day-to-day comments on the several departments in which he worked as well as his formal report at the end of the period were stimulating and provocative; the very anomaly of his experience and expertise as against his low nominal position in the organization made the newer attitudes and techniques he was able to impart so much more acceptable.

Several departments within the University have an interest in physical bibliography and it is therefore particularly appropriate that the library should now house a quite well-equipped printing shop, complete with an Albion press and a Columbian and an Arab jobbing press, as well as a cylinder press and a considerable collection of furniture and type. It is possibly symbolic of the Janus-like quality a modern library must display, that these working symbols of the nineteenth century should be housed in the next room to the library's data processing centre.

The presses, the equipment and the work involved in setting up the operation have all been donated, with the exception of the Albion, which is on indefinite loan by the trustees of the State Library. To them and the other donors we extend our thanks, as we do to those who each year support the library's book purchasing programme. Without them it would be the poorer; funds have never run to treasures and now will hardly support working acquisitions.

7. UNIVERSITY FACILITIES

Alexander Theatre

The year provided another full programme for the Alexander Theatre, with activities ranging from University lectures for the public to visits from international theatre productions such as the Canadian Mime Company. The theatre is now active in three main areas: (a) as a centre serving the academic and student needs of the University; (b) as a source of quality dramatic activities from the Alexander Theatre Company and from the entrepreneurial activities of the management committee; and (c) as a venue for community-based theatre.

Student use of the theatre is actively encouraged, and during term time the traditional groups—the Monash Players, the Monash University Musical Theatre Company, and the Modern Dance Club—made a significant contribution to the theatre's programme, together with regular screenings by the Monash Film Group. The annual pantomime, in 1976 *Jack and the Beanstalk*, was presented by an ad hoc student body, "Pan Pow '76", with great success and with considerable assistance from the theatre.

Grants from the Australian Council, the Victorian Ministry for the Arts, and the Vice-Chancellor of Monash University, together with the theatre's revenue from rentals and general trading, enabled the Alexander Theatre Company to complete its third year with a programme of four plays for adults and two productions for

children. The first production, *Waiting for Godot*, attracted considerable praise from the critics and, subsequent to the Monash season, was presented at the Adelaide Festival Centre and at country centres throughout Victoria.

A feature of the Company's 1976 programme was the presentation of the prize-winning play of the Alexander Theatre Playwriting competition, *Cass Butcher Bunting* by the South Australian dramatist, Bill Reed. Although a success artistically, the play failed to attract significant audiences, and resulted in a heavy loss. This, however, was offset by a healthy surplus on the other productions of the season, and the Alexander Theatre Company found itself in a sufficiently strong position to continue into its fourth year.

In addition to the Company's productions, the Alexander Theatre presented several international attractions in association with the Australian Elizabethan Trust and the Adelaide Festival.

Careers and Appointments

The activities of the Careers and Appointments office have been directed at understanding and anticipating the employment difficulties of graduates and at doing whatever has seemed useful in ameliorating them. Personal interviews, contact with employers and potential employers, publications, group discussions, and office procedures all play their part in helping graduates to gain access to satisfactory opportunities and to make wise decisions in terms of their individual interests and aspirations. 1976, however, has been the most difficult year for graduate employment since the nineteen-thirties. Graduates have been faced with quite serious employment problems, many of them having protracted periods of unemployment, and others having to make drastic modifications to their career expectations or at least the kind of work with which their careers will begin.

The manpower studies mentioned in last year's report have continued. A further survey of subject combinations being taken at years 10, 11 and 12 was carried out and, in conjunction with it, a survey of the tertiary study aspirations of students in year 12. A booklet reporting on these and other matters, particularly directed to teachers, was produced. All this work has been done in association with the planning services division of the Victorian Education Department and with cooperation from a variety of other bodies.

The work with prospective students has also continued, with every effort being made to ensure that careers teachers particularly, but also other teachers, secondary students and parents, are as well-informed as possible about the opportunities for and implications of university education. Many schools have been visited, individual students interviewed, and a wide variety of other activities undertaken to this end.

In 1976, as in 1975, a student employment officer employed by the Student Welfare Action Board has worked closely with the careers and appointments office in arranging vacation and part-time work. Despite the difficult employment situation, the response from employers has been quite good and once again there was not the expected acute shortage of such work.

For the work of the office to be successful, the cooperation of members of the academic staff and of many other people inside and outside the University is essential. We gratefully acknowledge that this cooperation has been forthcoming in generous measure.

Centre for Continuing Education

With the adoption by the Professorial Board and Council of a report on "Continuing Education in Monash University", the centre moved out of its three-year "pilot" stage to become an established unit within the University, with a clear mandate for development of activities and agreed guidelines as to the directions in which this development should be concentrated.

The centre undertook 17 different activities in 1976 — a smaller number than in 1975. However, this apparent reduction is misleading. One of the activities, for example, was a programme in itself — a total of nine language classes for adult beginners, sponsored by the language centre. Each of these ran for 34 sessions throughout the year. Some other activities involved two or three full-day or two-day seminars spaced several weeks apart, with groups of participants working on specific problems between times. One, in remediation in mathematics, consisted of ten one-day workshops for secondary school teachers during third term and will conclude with another five in 1977. Keeping these extended activities serviced — particularly when working parties generate a significant volume of material — has been a more demanding task for the centre than the organization of “once-off” seminars or conferences.

One field in which the centre has broken new ground is that of continuing education in professional organizations. These organizations have much to learn from one another but hitherto there has been little communication between them. The centre organized a conference on “Continuing Education Programmes in Professional Organizations” which appears to have been very successful, in that there has been growing interest in other ventures which have evolved from it. Two further seminars were arranged by the centre later in the year and we have been encouraged to organize a national conference in 1977.

Another “first” for the Centre was the staging of an extended activity in a country area. A short course on “Reading Instruction in the Classroom”, which ran for nine weekly 2-hour sessions at Monash, was “re-packaged” as three one-day workshops at monthly intervals and was held at the Hamilton Education Centre. Teachers from surrounding areas, as far afield as Warrnambool, Portland and Horsham, enrolled. The success of this venture augurs well for future extensions to country areas of activities for which this University can provide resource persons with the expertise to meet particular needs.

The last major task for the year was the compilation of an overall programme for 1977 and its publication in brochure form. Wide distribution will take place early in 1977 and the prospects for future growth are very encouraging.

Computer Centre

During 1976 the majority of the University's computing was performed on Burroughs B6700 computer installed in the computer centre. The B6700 system included dual processors, 1.5 megabytes of main memory, 620 megabytes of disk memory, 6 magnetic tape units, card reader, 2 line-printers and data communication facilities to some 64 terminals installed throughout the University and in the teaching hospitals. Limited access was available to the B5500 computers run for the Victorian hospitals computer service, and to the CDC3200 computer which was used mainly by the computing contracts group to provide a computing facility for V.U.S.E.B. and V.U.A.C.

The locally developed MONECS (Monash Educational Computer Systems) were used extensively by undergraduates to run assignments during introductory programming courses and by postgraduates and senior undergraduates to provide remote batch entry of jobs to the B6700 computer. Four MONECS computers were available during 1976 (two in the computer centre, one in Economics and one in Computer Science) and a fifth will be available in the department of Mathematics early in 1977. There are 34 MONECS computers installed (or on order) at places other than Monash. These include Australian universities, colleges of advanced education, schools and a few overseas organizations.

At the beginning of 1976 a total computing budget of \$889,620 (non-discretionary funds) was distributed to departments to purchase computing resources from the computer centre. In general, allocations were based on established usage patterns, with consideration given to new and significantly expanded projects. The 1975

charging rate of \$130 per hour for B6700 usage was maintained throughout 1976. Table 1 shows the allocation of computing funds to faculties, and actual usage during 1976.

<i>Faculty</i>	<i>Initial Budget</i>	<i>Final Budget</i>	<i>Actual Usage</i>
	\$	\$	\$
Arts	42,340	53,340	27,434
Economics	13,500	18,500	15,401
Education	15,540	15,980	13,133
Engineering	201,370	229,370	193,052
Law	—	—	—
Medicine	14,425	14,725	7,629
Science	404,985	445,285	398,639
Administration	109,940	109,940	114,389
Library	87,520	87,520	79,818
	<u>\$889,620</u>	<u>\$974,660</u>	<u>\$849,495</u>

This level of usage represents approximately 88 per cent of the B6700 resources available to the University. The B6700 operated at saturation level during the months of March and August-October in 1976. Requests from user departments for computing resources during 1977 exceeded the resources currently available on the B6700 and users' requests were subjected to a 15 per cent reduction in an attempt to ration the available facilities. Individual users will suffer additional penalties in the form of slower response time at terminals and slower turn-around of jobs run at the computer centre.

An expenditure of \$849,495 for computing resources during 1976 represents an increase of \$187,339 (or 28 per cent) over the 1975 figure of \$662,156. This represents an increase of 807 hours in the number of chargeable hours used on the B6700 from 5,728 units in 1975 to 6,535 units in 1976.

Total expenditure for the year, including contract work but excluding the Victorian hospitals computer service, amounted to \$1,048,795 of which \$699,257 came from University recurrent funds and \$349,538 from the centre's revenue earning activities. Revenue earning work accounted for 12.7 per cent of computing resources used on campus during 1976.

Health Service

1976 saw very little change in consultation rates from 1975.

Early in 1976, the health service moved from its temporary site in the medical faculty to the Union building. The new quarters are proving to be far more efficient whilst also more comfortable for both health service staff and patients.

At the end of 1976, Dr I. C. Macdonald, the original medical officer of the health service, retired after fifteen years at Monash University.

Statistics for 1976 were as follows (1975 in brackets). Total attendance: 23,804 (23,329) visits by 7,287 (7,272) persons. 4,921 (4,530) visits were made by 1,710 (1,624) staff members. 18,552 (18,289) visits were made by 5,399 (5,387) students, that is 39.3 per cent of the 13,751 total enrolments. 331 (510) attendances were made by 178 (261) visitors.

Higher Education Advisory and Research Unit

Activities during the year covered a wide range of academic, technical, service and professional areas. The major work of the unit is done in working with individuals to assist them with various aspects of their teaching-course planning, teaching methods and learning activities, assessment, course evaluation, use of media, etc. It includes the conduct of evaluation and feedback studies for individuals (or depart-

ments) and the provision of a wide range of technical back-up services for teaching activities.

The demand for production of video tape and film programmes has not been as high as in previous years. This can be attributed in part to the lack of a colour television facility on the campus and the fact that many departments considering remakes of earlier productions or the making of new programmes are awaiting the availability of a colour facility before committing time and finance to this activity. Another factor resulting from recent budget cutbacks is the reduction of money and manpower available in teaching departments.

Most of the research work done in the unit is of the action research type. Some of this work is initiated by H.E.A.R.U. and some is done at the request of individuals or departments who have sought assistance. Little time is available at present for "pure research" into tertiary education but grants have enabled some work of this type to be done in 1976.

As in previous years, all academic staff in H.E.A.R.U. have been involved to some extent in the teaching of the Diploma in Education — a course designed specifically for teachers at the tertiary level. This course involves a minimum of four hours/week formal contact with students and the supervision of teaching practice for the 44 course members. During 1976 staff have been invited to give lectures, seminars, etc. to students in law, medicine, chemistry and education. Courses for students experiencing difficulty with the English language were also provided by H.E.A.R.U. during the year.

Two series of in-service workshops were conducted in 1976 in February and August. The programmes together covered 26 topics including lecturing techniques, tutorial techniques, course design, lecture planning, course evaluation, assessment and counselling. In all 142 participants from 58 departments attended the workshops.

Notes on Higher Education was issued once in 1976 and presented opposing views on the issue of selection for tertiary education. Details of publication activities during the year are given in the Monash University *Research Report* 1976.

Bodies outside the University which have sought advice from H.E.A.R.U. have included four universities, five colleges of advanced education and ten other organizations.

Monash University Bookshop

During 1976 bookshop sales rose by 11.7 per cent from \$1,150,000 to \$1,285,000. Gross profit rose marginally by \$44,500 from 28.5 per cent to 28.9 per cent of sales. Net profit dropped marginally — by less than \$500. Staff salaries including ancillary costs rose by over \$41,000 from 20.4 per cent of sales to 21.5 per cent of sales.

The tightening up of credit policies and the rigorous approach to slow paying debtors has continued during 1976 and has helped the bookshop in maintaining liquidity. The capacity to obtain overdraft-type facilities has also been of assistance in enabling the bookshop to make purchases during months of slow turn-over. Acquisition of storage space in the basement of the new administration extension has increased considerably the efficiency of the whole operation.

In November, Council constituted the bookshop board a standing committee of Council. The fact that the bookshop board will now report directly to Council integrates the bookshop operation much more logically and effectively into the overall University bureaucratic structure.

The establishment of the committee of inquiry into the bookshop during 1976 and the subsequent report of that committee have done much to clarify the details of the bookshop operation and have underlined the difficulties which the bookshop faces in providing both a service operation and one which is commercially viable.

The bookshop has begun to implement a number of new policies in accordance with the recommendations of the committee of inquiry.

Religious Centre

The establishment of chaplains for 1976 included the Rev. Fr P. Knowles, O.P., Catholic Chaplain, with Miss Denise Sullivan as pastoral assistant; the Rev. Dr J. Gaden, Anglican Chaplain; Dr A. Unterman and Mr H. Shub, Chaplains to Jewish students. Mr P. Close, Lutheran Lay Chaplain and Mr Horace Linch, Christian Science adviser, made weekly visits to Monash.

Weekly services continued throughout term time in a well-established pattern with special observance of feast days in the church calendar. Wide use was made of the religious centre by the religious societies both during the week, after hours, and weekends.

We accepted 150 wedding bookings. Reference here should be made to the reliability and poise of our student ushers in the face of many unpredictable situations.

Our 1976 lecture series was well-attended, and the cassette borrowing programme provided material for follow-up study groups and private borrowing both on and off campus.

We held two functions during the year inviting members of the Religious Centre Advisory Committee, some staff members, and representatives of societies using the centre. We hope to continue these buffet luncheons during 1977.

We are disappointed to have to report the non-arrival of the organ despite a special trip to Sydney made by Father Knowles at the beginning of 1976, and repeated representations made by others throughout the year. The chapel singers suspended their activities towards the end of 1975, and their special contribution of recitals, etc., has been sadly missed.

Following an inspection of the religious centre by our advisory committee, and careful work by maintenance and furnishings departments, we are able to report that the religious centre is approaching the completion of its first decade of steady use, in what we could term "good shape".

Robert Blackwood Hall

Robert Blackwood Hall continued to develop as a busy centre for a variety of cultural and other activities of significance to the University and the community; there were 253 functions which, with rehearsals, setting up and dismantling time involved operation on 269 days.

In 1976 the A.B.C. staged its six prestigious Gold Series concerts and the Melbourne Chorale half of their subscription concerts in the hall. In addition Musica Viva for the first time ran a full series of chamber concerts in the hall. These notable events further consolidated the hall's position as an important venue for classical music. Jazz concerts and the free Sunday afternoon concert series were conducted again, the funding for which was provided from the Vice-Chancellor's cultural grant in the absence of grants from outside bodies. In the past, grants have been received from both the Australia Council and the Victorian Ministry for the Arts.

A successful public appeal to fund the purchase of the organ to be built by Jürgen Ahrend of West Germany in honour of the work of the foundation Vice-Chancellor, Sir Louis Matheson, was concluded.

Approval to purchase a Steinway concert grand piano and the undertaking of a long term development project to improve facilities in the hall will ensure that Monash maintains an important place in the Victorian musical community.

Student Counselling

1976 was an interesting and challenging year for the student counselling service. The unit tended to move into a variety of areas within the University community and so added a slightly different emphasis to its traditional counselling image. Such

activities as group counselling, training of staff and students and consulting became a prominent part of its work during the year.

Actual counsellor contact hours increased by approximately 18 per cent over the 1975 figure and were once again taken up mainly by individual counselling (60 per cent). However, this year there were substantial increases in such activities as group counselling, training, teaching and consulting with various faculties, student organizations and Government departments which accounted for 27 per cent. The remaining 13 per cent was spent on staff meetings, supervision of trainees and discussions with various personnel in and outside the University.

1370 clients utilized the unit in 1976 — an increase of 22 per cent over 1975. Of these, 1,026 sought individual counselling — an increase of 0.4 per cent. The average number of interviews for clients seeking individual counselling was 2.4 per cent and the months of February, March, June and September were the busiest. The composition of clients seeking individual counselling was much the same as in 1975 — 78 per cent University students and 22 per cent non-students such as parents, staff, graduates and high school students. It was noted that staff and graduates tended to seek assistance slightly more than in 1975.

The major difficulties presented by those visiting the unit for individual counselling were in the personal/development areas (55 per cent) and there appeared to be quite an increase in areas of marital problems and relationship difficulties. Thirty-two per cent of clients sought vocational or educational assistance, that is, study difficulties and general confusion about course and careers and the remaining 13 per cent information about general administrative procedures and financial matters. Overall, the difficulties clients presented in 1976 were proportionally the same as in 1975 but 5 per cent more female clients (46.4 per cent) used the service than in 1975.

There was a substantial demand for groups/workshops in 1976 and approximately 340 persons utilized the unit in this manner — considerably more than in 1975.

The unit assisted in organizing and providing group leaders for four weekend workshops run by Interperson whilst other training was given for H.E.A.R.U., the faculties of Education and Medicine, various counselling groups for students at Monash, the Department of Labour, the Department of Social Welfare, and the Y.M.C.A. Counsellors also shared in workshops at La Trobe University and the University of New England.

Student Residence

During the year the student housing officer dealt with 4,193 inquiries (3,962 in 1975): 1,139 of these were firm requests for housing and the rest for information and advice on the many facets of housing.

The lack of off-campus housing of any type in the University area has reached crisis point during 1976 and there is no improvement in sight. Despite wide advertising for housing, only two new offers were received from private homes in Clayton and many previously used homes were unavailable. The rentals of commercial flats and houses rose and fewer were available to students, who have to compete with workers and families who can take up longer tenancies.

First year students both local and overseas and those on low incomes have been, as ever, the greatest sufferers. The 142 students from Taylor's College, in Kuala Lumpur, who were admitted to first year courses this year experienced great difficulties in finding suitable housing.

The southeast flats have been operating since February with an occupancy rate of approximately 80 per cent. Some teething troubles were experienced — notably that many students were reluctant to lease the flats until the start of first term and most vacated their flats soon after the end of the examination period.

1976 was another year of significant changes for halls of residence. From the beginning of third term, residents were charged an accommodation fee only, and offered meals on a cash basis from a centralized catering service. As a result of extensive modifications to kitchen facilities, the needs of about 1,000 people per day can be met and the cost to students for living in halls was reduced from a fixed \$40.30 per week in the first two terms, to an average of \$36.00 per week in third term.

The halls began the year with a 100 per cent occupancy. The maximum number of vacancies in second term (the normal peak time for vacancies) was 28 — significantly lower than in previous years (1975 — 72, 1974 — 134, 1973 — 80). Following the introduction of the new system in third term, all halls had 100 per cent occupancy and a waiting list for admission.

Socially, the new system has required a good deal of readjustment. Having lost its own dining room and the social advantage of standard meal times, each hall has found that more effort must be expended on maintaining its corporate identity.

Dr D. M. White, the warden of Deakin Hall, was again chairman of the Committee of Wardens in 1976. The following new wardens were appointed: Howitt Hall, Mr Knud Haakonssen; Roberts Hall, Mr Michael Adams; and Richardson Hall, Mr Hugh Monypenny.

Students' Loan Fund

The Students' Loan Fund Committee approved 66 loans totalling \$46,613 in 1976, compared with 76 loans totalling \$51,514 in 1975. Lower usage was due to the near exhaustion of the fund in mid-year, which necessitated diversion of some applications for assistance to other sources of aid.

Strenuous efforts were made and began to show results towards the end of the year, to obtain an accelerated rate of repayments from former students to enable the fund to continue to meet the needs of current students. During the year the rate of interest payable by former students was amended to 5 per cent per annum for the first two years after cessation of enrolment and, on balances outstanding after two years, at a rate equal to 1 per cent above the bank overdraft rate charged by the University's bankers.

In December 1976, Council accepted a recommendation that the work of the students' loan fund and of the special grants and loans scheme be administered in future by one committee and that the title of the new committee be the Students' Grants and Loans Committee.

Expressions of appreciation from former borrowers were received in increasing numbers.

8. STUDENT ENROLMENT

The net total undergraduate population increased from 9,936 in the previous year to 10,249, an increase of 3.15 per cent. Graduate enrolments increased from 1,591 to 1,692 and total enrolments of all students from 13,249 to 13,751. Full details of enrolments are given in the table below.

Of the total of 13,751 students, 860 (6.25 per cent of the total) were from overseas, as follows: Afghanistan 1; Bangladesh 4; Britain 6; Brunei 4; Burma 5; Cambodia 4; Canada 9; Colombia 1; Fiji 14; France 1; Ghana 2; Hong Kong 28; India 7; Indonesia 15; Japan 10; Khmer 2; Korea 1; Laos 5; Malaysia 587; Mauritius 2; New Caledonia 1; New Zealand 7; Nigeria 1; Pakistan 1; Papua New Guinea 3; Rhodesia 2; Singapore 52; Sri Lanka 11; Taiwan 4; Thailand 16; Tonga 3; Uganda 1; U.S.A. 13; Vietnam 34; W. Germany 1; Zambia 2. Total of 663 males, 197 females.

NET ENROLMENTS BY DEGREE/FACULTY 1976 (as at 30 April)

Faculty and Year	Full-time			Part-time			Total			
	M	F	T	M	F	T	M	F	T	
HIGHER DEGREE										
Higher Doctorate	10	—	10	—	—	—	10	—	10	
Ph.D.	280	77	357	104	26	130	384	103	487	
Master	235	91	326	673	196	869	908	287	1195	
TOTAL	525	168	693	777	222	999	1302	390	1692	
MASTER PRELIMINARY										
	18	14	32	80	50	130	98	64	162	
POSTGRADUATE DIPLOMAS										
Arts: Dip.Ling.	—	1	1	1	1	2	1	2	3	
Dip. Mig. Stud.	1	1	2	2	8	10	3	9	12	
Education: Dip.Ed.	173	254	427	95	73	168	268	327	595	
Dip.Ed.Psych.	3	7	10	5	12	17	8	19	27	
Medicine: Dip.Immun.	—	2	2	—	—	—	—	2	2	
Science: Dip.Comp.Sc.	1	—	1	20	2	22	21	2	23	
Dip.Eng.Geol.	2	—	2	13	—	13	15	—	15	
TOTAL	180	265	445	136	96	232	316	361	677	
POSTGRADUATE BACHELOR DEGREE										
Education: B.Ed.	7	6	13	311	241	552	318	247	565	
B.Sp.Ed.	39	43	82	—	2	2	39	45	84	
TOTAL	46	49	95	311	243	554	357	292	649	
BACHELOR DEGREE										
Arts: B.A.	I	195	503	698	85	276	361	280	779	1059
	II	200	492	692	82	173	255	282	665	947
	III	231	486	717	111	176	287	342	662	1004
	IV	47	68	115	11	13	24	58	81	139
Sub-total	673	1549	2222	289	638	927	962	2187	3149	
Arts: B.Soc.Wk.	III	11	30	41	—	1	1	11	31	42
	IV	5	20	25	—	—	—	5	20	25
Sub-total	16	50	66	—	1	1	16	51	67	
Economics and Politics	I	417	134	551	69	21	90	486	155	641
	II	300	101	401	109	15	124	409	116	525
	III	281	115	396	91	15	106	372	130	502
	IV	26	9	35	—	—	—	26	9	35
Sub-total	1024	359	1383	269	51	320	1293	410	1703	
Engineering	I	338	7	345	—	—	—	338	7	345
	II	204	9	213	1	—	1	205	9	214
	III	196	8	204	1	—	1	197	8	205
	IV	163	7	170	4	—	4	167	7	174
Sub-total	901	31	932	6	—	6	907	31	938	
Law: LL.B.	I	—	—	—	4	—	4	4	—	4
	II	—	2	2	9	1	10	9	3	12
	III	10	2	12	7	1	8	17	3	20
	IV/V	30	10	40	23	4	27	53	14	67
Sub-total	40	14	54	43	6	49	83	20	103	

NET ENROLMENTS BY DEGREE/FACULTY 1976 (as at 30 April)

Faculty and Year		Full-time			Part-time			Total		
		M	F	T	M	F	T	M	F	T
Law: B.Juris./LL.B.	I	33	26	59	3	4	7	36	30	66
	II	50	18	68	9	2	11	59	20	79
	III	56	24	70	12	2	14	68	26	94
	IV/V	139	44	183	33	4	37	172	48	220
	Sub-total	278	112	390	57	12	69	335	124	459
Law/Arts	I	28	26	54	—	1	1	28	27	55
	II	41	36	77	2	1	3	43	37	80
	III	53	30	83	4	3	7	57	33	90
	IV/V	54	41	95	7	2	9	61	43	104
	Sub-total	176	133	309	13	7	20	189	140	329
Law/Economics and Politics	I	63	14	77	—	1	1	63	15	78
	II	77	16	93	4	—	4	81	16	97
	III	123	9	132	5	—	5	128	9	137
	IV/V	139	8	147	4	—	4	143	8	151
	Sub-total	402	47	449	13	1	14	415	48	463
Law/Science	I	13	4	17	—	—	—	13	4	17
	II	7	3	10	—	—	—	7	3	10
	III	20	5	25	—	—	—	20	5	25
	IV/V	24	1	25	—	—	—	24	1	25
	Sub-total	64	13	77	—	—	—	64	13	77
Medicine	I	111	56	167	—	—	—	111	56	167
	II	96	65	161	—	—	—	96	65	161
	III	87	72	159	—	—	—	87	72	159
	IV	119	39	158	—	—	—	119	39	158
	V	109	33	142	—	—	—	109	33	142
	VI	93	37	130	—	—	—	93	37	130
	B.Med.Sc.	9	—	9	—	—	—	9	—	9
Sub-total	624	302	926	—	—	—	624	302	926	
Science	I	423	253	676	14	8	22	437	261	698
	II	368	188	556	34	27	61	402	215	617
	III	283	167	450	51	34	85	334	201	535
	IV	125	60	185	—	—	—	125	60	185
	Sub-total	1199	668	1867	99	69	168	1298	737	2035
TOTAL	5397	3278	8675	789	785	1574	618	4063	10249	
NOT FOR DEGREE	11	2	13	155	154	309	166	156	322	
TOTAL OTHER THAN HIGHER DEGREE	5652	3608	9260	1471	1328	2799	7123	4936	12059	
TOTAL NET ENROLMENTS	6177	3776	9953	2248	1550	3798	8425	5326	13751	

9. ORIENTATION 1976

As in the preceding year, a joint committee with an equal representation of students and staff took responsibility for organizing orientation of students new to the University. The chairman was Professor P. Boss, the Convenor Miss C. Piesse and the secretary Miss M. Clark.

Orientation activities, which took place mainly on four days between 2 and 5 March, had to be run on a tight budget which required some readjustment to the programme as initially planned. The cost was shared on an equal basis between the University and the Union Board.

It was a year of consolidation of orientation activities rather than innovation. The host scheme for example which already showed its potential in 1975 was further developed, and the contraception forum was repeated and supplemented by a drugs use-and-abuse forum. Faculties provided both formal and informal means for welcoming the newcomers to their portals, and the various student societies and clubs organized a wide range of functions centring on their particular interests. As usual the orientation handbook with its mix of serious and not-so-serious content proved sufficiently popular, if its non-availability within a few days of the orientation week is any guide.

Even whilst orientation is in progress, plans are already in hand for the following year.

10. STUDENT ACTIVITIES

The Union — Administration and General

In 1976 the Union fee was \$112 for full-time students and \$70 for part-time students. The Union operated on an expenditure budget of \$1,073,200 after 25 per cent of the fee income had been allocated to the Union development fund. Borrowings against the Union development fund of \$1,200,000 for capital works were approved.

Two major building projects were launched: the sports link building and the arts and craft centre which are referred to below. With the University health service operating from a new location in the Union, all student services are now accommodated in the main Union building. At the end of the year the Monash University Club moved from the Union to new premises, and the original premises of some 6,000 sq. ft. were purchased by the Union. The M.A.S. office complex and the Pantry are being remodelled to suit current requirements, and the east wing of the Cellar Room is being converted to shop premises to accommodate an enlarged post office, the record shop and the credit union. Maintenance of the main building, which has now received ten years of intensive usage, has become a major item, and a cyclical maintenance programme, financed from the Union development fund, has been set in progress. In 1976 extensive areas of carpet in 1st floor lounging and corridor areas were replaced. Repainting as necessary, and replacement of floor covering in the busy ground floor foyer, are planned for 1977.

The catering operation was augmented by two new services — a breakfast service in the Grill Room and an attractive coffee shop which operates in the late afternoon and evening. The seating area in the Cellar Room was reduced by one third. In 1977 it is to be reduced by a further third and the remaining area is to be converted to a self-service sandwich bar. The difficulty of achieving a break-even result for the catering operation continues to be aggravated by inflation. A deficit on the year's operation is anticipated but there are indications that this will be less than in the previous year. The Union Board, being confident that licensed catering facilities in the Union would benefit both students and staff, continues to give support to applications to the State Government for amendments to the liquor licensing legislation.

Staff movements included new appointments to the positions of union finance officer, building services officer, and commercial officer. Short-term appointments or reappointments were made to the positions of student welfare officer, student employment officer, club liaison officer, catering liaison officer, and C.R.A.C. co-ordinator. An additional short-term position, for an M.A.S. research officer, was introduced at the end of the year.

As in most years there have been a number of innovations in the Union scene to meet new or changing needs. This year's list includes:

The publication of *Pipeline*, a news bulletin issued at regular intervals from the warden's office, covering the longer news items which cannot be contained in the daily news sheet.

The purchase of a colour television set, which has open access in the first floor foyer.

The purchase of a 22-seater bus which is available for hire by student groups.

The installation of contraceptive vending machines in men's and women's toilets.

The installation of an alarm and public address system for use in an emergency necessitating the evacuation of the building.

Besides various activities reported below by the major Union groups, the following are noteworthy:

Continued activity by C.R.A.C. particularly on issues relating to the energy crisis, nuclear power and Australian uranium.

Two general meetings of the Union called at the request of Union members. The first meeting made recommendations to the Board concerning the salaries and conditions of employment of Union officers, which were not accepted by the Board. The second meeting recommended several amendments to the Union constitution which are still under consideration by the Board.

Monash Association of Students

1976 proved to be one of the most active and productive years in the history of M.A.S. More students became involved in the projects, campaigns and initiatives of M.A.S.

Areas of activity:

S.W.A.B. (the Student Welfare Action Board) became more involved with student counselling and welfare. S.W.A.B. initiated and assisted with the "interperson" camps and sessions which were carried on throughout the year. The student welfare officer, with S.W.A.B., organized the first "sexuality week" to be held at Monash. Forums, discussions, plays, and concerts were all part of that week. S.W.A.B. was once again involved with the very successful "host scheme", which aims at making new students feel less alienated during their first months at University. The "contact" service continued to operate the whole year, giving advice, and helping generally with student problems. The student employment officer continued to work very successfully in helping students find both part-time and full-time employment.

A new section established in M.A.S. this year was the political economy department. With the assistance of the public affairs committee, and the education committee, a large group of very active people set to work to establish a P.E. department on campus. They began with a self-education programme, which led to the printing of a booklet, documents, articles in *Lot's Wife*, the student newspaper, and assisted with the first Australian political economy conference.

Lot's Wife, the public affairs committee, and the activities committee continued this year in a similar vein to last year. Regular student interest and activity on these bodies each year acts as a base of support to M.A.S.

The major campaign in 1976 was that for the establishment of a cooperatively run bookshop to sell new and secondhand books in the Union. The other campaign was the "free the union" campaign, and the campaign for increasing the tertiary education assistance scheme continued as last year.

The executive and staff of M.A.S. have been required to work exceptionally hard and consistently this year. Due to their dedication and drive, the many achievements during 1976 were made possible.

Two new innovations will be introduced during 1977. They are the "media centre" and the "research officer". The media centre will centralize all the media forms, and provide an instructor to assist interested students. The research officer will be largely occupied with assisting the executive and officers of M.A.S.

Monash Research Students Association

M.R.S.A. has been active in combating the difficulties of the past year created by the stringent economic policies of the Commonwealth Government. The association combined successfully with others through the Federation of Australian Post-graduate Associations to make submissions to the Government to drop the proposed reintroduction of tuition fees and to increase stipends and allowances. Internally the University was persuaded through the Ph.D. and Research Committee to make representations on the increase of stipends. These activities were not wholly successful as the stipend increases handed down by the Government did not cover the cost of living rise over the last three years.

In an effort to assess the working conditions of graduates within Monash a questionnaire was sent to all M.R.S.A. members. The replies have been partly processed and it is hoped the final report will be published early in 1977.

Two social functions were held in the third term and were moderately successful with attendance of about 50 people at each. It is proposed that in 1977 a calendar of events shall be drawn up and circulated and that attendances will improve. The Association's booklet *Compass* has been extensively revised and should continue to serve as the most important introduction for new graduates to the University.

The thesis typing service provided by the association's secretary has been in greater demand than ever because of its considerable superiority to competing services offered within access of the campus.

Clubs and Societies, Tuition and Summer School

The out-of-class life of University students, whether organized, unorganized or disorganized, represents a rich, often untapped, educational resource. The Union, in providing funds for extra-curricular areas, encourages self-directed activity, giving maximum opportunity for self-realization and for growth in individual social competence and group effectiveness, the ultimate goal being the development of persons as well as intellects.

At the end of 1976, there were about 120 clubs affiliated with the clubs and societies council (excluding sports clubs which are affiliated with the sports and recreation association).

Inter-club communication as well as liaison between the clubs and societies council and clubs is facilitated by the work of the club liaison officer as well as the activities officer and members of the clubs and societies executive.

The 1976/77 summer school brought together people from all over Melbourne as well as many from interstate to participate in the 61 courses — 99 classes altogether — being offered at Monash.

During 1977 work will begin on an arts and crafts centre of approximately 10,000 sq. ft. to be sited to the north of the main Union building. It is hoped that the addition of this centre to Monash will greatly enhance the cultural and recreational aspects of life at Monash, as well as promote greater community involvement. At this stage it is expected that the centre will be completed by April 1978.

Sports and Recreation Association

The sports centre, particularly the new recreation hall, was used to capacity in the afternoon and evenings each day of the week.

The association continued its policy of encouraging community use of the areas at times which did not conflict with students' needs. During the year over 97 local schools and other groups used both indoor and outdoor facilities. The activities of the association continued at a high level despite the fall off in after hours student use of other areas.

Plans for a building linking the recreation hall and the sports centre were drawn up during the year. This building will comprise offices, meeting room, coffee bar, table tennis and weight training areas, and is scheduled for completion in June 1977. The staff of the association who are at present housed in the Union building will move to the new link building.

The association instituted a new award called the "sports award" which is to rank equally with the existing blues awards. The new award is to recognize both achievement in playing performance *and* administrative contribution to a member's club over a period of not less than three years (whereas the present blues awards are for sporting achievement in the year of award only).

Members were delighted when Lynne Pressley, a former president of the association, was the first woman Rhodes Scholar for Victoria.

During the year three members of the association, Peter Larkins, Michael Tucker and Chris Wardlaw, were selected to represent Australia in the Montreal Olympics.

In local competition Monash teams were again well represented but with few exceptions such as rowing, did not win premierships. At intervarsity level, of the 26 clubs who represented Monash in these contests, successes were achieved by basketball (women), orienteering (women), canoeing, golf, judo (men and women), netball, table tennis (men and women).

The women's recreation programme run on campus by the National Fitness Council was again very well attended and helped satisfy some of the community needs in this area.

The internal co-recreational programme was well attended and in some events quite fiercely contested. A total of 43 teams participated in the programme in volleyball, basketball, indoor soccer, European handball and squash.

11. FINANCE

The following salient points from the audited accounts of the University for the year 1976 are set out for ready reference.

1. Funds Available

1.1 Recurrent

Government funds available for expenditure on recurrent items during the year ended 31 December 1976 were:

	University		Teaching Hospitals		Halls of Residence	
	\$000	%	\$000	%	\$000	%
Recommended grant	38,730	86.7	153	86.0	130	87.3
Supplementation	5,934	13.3	25	14.0	19	12.7
	<u>44,664</u>	<u>100.0</u>	<u>178</u>	<u>100.0</u>	<u>149</u>	<u>100.0</u>

Expenditure for recurrent purposes during the year was:

	University		Teaching Hospitals		Halls of Residence	
	\$000	%	\$000	%	\$000	%
Academic activities	31,885	70.8	178	100.0		
Academic services	4,206	9.4				
Student services	961	2.1				
General services	7,901	17.5				
Public services	57	.1				
Other	50	.1			149	100.0
	<u>45,060</u>	<u>100.0</u>	<u>178</u>	<u>100.0</u>	<u>149</u>	<u>100.0</u>

1.2 Capital

Government funds received in 1976 for expenditure on capital projects (buildings and furniture) on the University site were:

	<i>\$000</i>
Commonwealth Government grant	1,554
State Government grant	3

Expenditure on the above projects during the year 1976 totalled \$940,454.

1.3 Research

Government funds available for expenditure on special research projects during 1976 were:

	<i>\$000</i>
Commonwealth Government grant —	
Recommended	340
Supplementation	51
	<u>391</u>
Expenditure 1 January 1976 to 31 December 1976	<u>337</u>

1.4 Equipment

Government funds available for expenditure on equipment during 1976 were:

	<i>\$000</i>
Commonwealth Government grant	852
Expenditure 1 January 1976 to 31 December 1976	<u>513</u>

2. Student Union Fees

Union fees payable by students enrolled for the year 1976 were:

Students studying on campus: full-time \$112 per annum, part-time \$70 per annum.

Students studying off campus in Victoria: full-time \$28 per annum, part-time \$18 per annum.

3. Accounts

The audited accounts of the University for the year 1976 are appended to this report, and provide further details of the year's activities.

4. General

After consideration of the sixth Report of the Universities Commission relating to the 1976-78 triennium the Commonwealth Government announced that 1976 would be regarded as a year outside the traditional triennial system for funding universities and asked the Universities Commission to submit revised recommendations for 1976 which would meet the following criteria:

- (a) recurrent expenditure in 1976 was to be at a level which would maintain the then existing standards;
- (b) the then present proportion of the relevant age group going on to tertiary education was to be maintained;
- (c) new initiatives were to be deferred;
- (d) expenditure on capital projects already commenced was to be continued;
- (e) new capital projects were to be limited to those demonstrably essential.

Having incurred deficits in recurrent funds in 1973 and 1974, the University had taken firm steps to ensure a recovery of the situation during 1975, the last year of the triennium. In the event a sum of \$917,000 was brought forward into 1976, due principally to the understandably late advices of the levels of supplementary grants with respect to 1975 and the uncertainties involved in forecasting 1976 supplementation without a knowledge of the components in the index upon which cost movements are measured. This carry-over of funds was most helpful in meeting increased costs in 1976, in which the University had a 4 per cent increase in student numbers.

The University learnt during the year of the Government's intention to introduce a modified system of rolling triennial programming from the beginning of 1977.

The sixth report of the Universities Commission had recommended grants for equipment and buildings at \$3,240,000 and \$11,380,000 respectively at December 1974 cost levels. The actual grants approved for the year 1976 were \$465,000 and \$4,590,000 respectively at June 1975 cost levels but, due to the economic and financial difficulties facing the Government and consequent cash flow constraints, even these limited funds were not made available until the second half of the year. The University was disappointed to learn that on present plans funds will not be available until 1979 to complete the "shelled area" constructed in 1975 to accommodate increasing enrolments in Biology.

12. GIFTS AND GRANTS

The following gifts and grants were received by the University:

Abela, Mr J. M., toward the Education faculty arts and embellishments committee	\$5.00
Abbott Universal toward research on antibiotic resistance in streptococci, Professor B. Holloway (Genetics)	\$6,137.47
Academy of Social Sciences in Australia toward research project "Migrant Education", Professor R. Taft (Education)	\$14,600.00
Alcan Australia Limited toward research fellowship awarded to Dr H. Cordier (Materials Engineering)	\$300.00
Alcoa of Australia Limited, annual prize (Materials Engineering) 1975 and 1976	\$200.00
Australian Medical Association, Medical Officers of Health Section 1975 student prize (Medicine)	\$50.00
Anonymous donors as follows	\$19,508.96
To assist development of safe equipment for intravenous therapy (Surgery, Alfred Hospital)	\$2,000.00
Gift to the faculty of Law	\$600.00

To assist artificial insemination bank (Obstetrics and Gynaecology)	\$20.00	
Second prize playwriting competition (Alexander Theatre)	\$500.00	
To assist research (Centre for Aboriginal Studies)	\$11,292.96	
To provide clerical assistance for research on trauma (Surgery, Alfred Hospital)	\$4,000.00	
To provide clerical assistance (Education)	\$706.00	
To assist research (Chemistry)	\$350.00	
1975 A. R. Wallace Prize (Zoology)	\$40.00	
Anti-Cancer Council of Victoria:		\$80,293.01
Pathology and Immunology	\$79,446.51	
Anatomy	\$846.50	
Apex Foundation for research into Mental Retardation toward research "The significance of prenatal cytomegalovirus infection", Dr K. Hayes (Paediatrics)		\$6,950.00
Apex Trust for Autism, a \$20,000 grant, \$5,000 of which is paid toward research "Development of methods of assessment and treatment of the basic handicaps in social comprehension in autistic children", Dr L. Bartak (Education)		\$20,000.00
A.P.M. Forests Pty Ltd, to assist research on "Mammal populations in natural and re-forested areas" (Science)		\$1,550.00
Asthma Foundation of Victoria, toward research project "Effects of anaphylaxis on transmitter economy in isolated trachea and on reflex control of airways", Dr R. A. Westerman (Physiology)	\$700.00	
Astra Chemicals Pty Ltd, travel grant (Medicine)	\$500.00	
Australian Academy of Humanities, subsidy toward Australian Journal of French Studies (French)		\$300.00
Australia Council, The:		\$8,000.00
To subsidize the Australia Council programme in the Exhibition Gallery (Visual Arts)	\$3,000.00	
To assist production of Cass, Butcher, Bunting (Alexander Theatre)	\$5,000.00	
Australian-Asian Association of Victoria, 1975 Prize for Indonesian I (Indonesian and Malay)		\$50.00
Australian Development Assistance Agency, union fees and grants-in-aid for Government sponsored overseas students		\$11,068.00
Australian Institute of Aboriginal Studies, to research, Mr G. Breen (Linguistics)		\$14,611.92
Australian Institute of Nuclear Science and Engineering, to research project "Repairs of radiation damage by plasmids of pseudomonas aeruginosa", Dr V. Krishnapillai (Genetics)	\$400.00	
Australian Kidney Foundation, to research "Biological role of neurophysins in renal function", Professor C. I. Johnston (Medicine)	\$4,000.00	
Australian Research Grants Committee, on the recommendation of the committee the Commonwealth Government approved grants for 1977 as listed at the conclusion of this section		\$950,737.00
Australian Society of Accountants, Annual prize in Accounting (Economics and Politics)		\$100.00
Australian Tobacco Research Foundation, to research "Human neurophysins: their role in physiology and disease", Professor C. I. Johnston (Medicine)		\$21,162.00
Australian Welding Research Association, toward projects: "Stress relief cracking", Professor R. McPherson (Materials Engineering)	\$7,050.00	

"Microstructure of welds in polythylene pipes", Associate Professor B. W. Cherry (Materials Engineering)	\$2,450.00	
Baxt, Professor and Mrs R., donation to Law Library		\$150.00
Baxter, Percy Charitable Trust, equipment grant to project "Psychophysical studies of feature detectors using synthetic speech", Dr W. R. Webster (Psychology)		\$2,750.00
Beecham (Australia) Pty Ltd:		\$700.00
Travel expenses, Dr R. C. Bayly (Microbiology)	\$200.00	
To research (Microbiology)	\$500.00	
Behrend, Mrs D., donation toward the University creche		\$500.00
Berk Pharmaceuticals, to research project on organ culture, Dr J. St. John (Medicine)		\$3,685.00
Boger, Dr D, donation to the department of Chemical Engineering		\$150.00
British Phosphate Commissioners, The, toward research project in Mineragraphic research, Dr A. R. Milne (Earth Sciences)		\$250.00
Broken Hill Mining Managers' Association, toward research project on Lode Horizon concerned with geology, geo-chemistry and geo-physics in Broken Hill area, Professor B. E. Hobbs (Earth Sciences)		\$27,093.00
Broken Hill Proprietary Company Limited, B.H.P. Prize for 1975 (Materials Engineering)		\$100.00
Carlton and United Breweries Limited, toward continuing research on yeast genetics, Professor A. Linnane (Biochemistry)		\$2,000.00
Carnation Company Pty Ltd, annual award (Paediatrics)		\$50.00
Ciba-Geigy Australia Ltd, toward research on hypertension, Professor C. I. Johnston (Medicine)		\$4,000.00
Clements, M. A., for the use of the Education faculty arts and embellishment committee		\$10.00
Collier Charitable Fund:		\$4,500.00
Law library	\$2,500.00	
T.V. monitors (Medicine, Alfred Hospital)	\$2,000.00	
Comalco Aluminium (Bell Bay) Ltd:		\$4,650.00
Research scholarship, Mr P. W. Beaver (Materials Engineering)	\$4,500.00	
Student stipend, Mr D. S. Saunders (Materials Engineering)	\$100.00	
Commercial Bank of Australia Ltd, annual prize in Psychology 101 (Psychology)		\$40.00
Commonwealth Commission of Enquiry into Poverty, toward "Rural attitudes to education", Professor P. Musgrave (Education)		\$394.65
Consolidated Electronic Industries Pty Ltd, annual Reuben Medding Prize (Electrical Engineering)		\$50.00
C.S.R. Chemicals Pty Ltd, annual prize (Chemistry)		\$100.00
Cumming, Professor and Mrs R. W., donation toward Howitt Hall		\$50.00
Curriculum Development Centre, contribution to linguistic communication for the publication of L.C. 17 (Japanese)		\$600.00
Dairying Research Committee, toward research project "Immunopathology of bovine nasal granuloma", Drs P. Carbonell and H. Muller (Pathology and Immunology)		\$9,720.00
Dear, Mr. L. G. toward research (Medicine, Alfred Hospital)		\$200.00
Department of Education, Commonwealth:		\$10,000.00
Toward research project "A study of business education at T.A.F.E. institutions", Drs R. D. Lansbury and P. Gilmour (Administrative Studies)	\$8,019.00	

Toward Asian Bibliography, Mr J. A. C. Mackie (Centre for South-east Asian Studies)	\$2,500.00	
Grant-in-aid and fees, Mr H. Macpherson (Mechanical Engineering) (Commonwealth Scholarship and Fellowship Plan)	\$612.00	
Department of Environment, Housing and Community Development, Commonwealth:		\$16,273.27
Toward wildlife research scholarship "research on helmeted Honeyeater towards management policy", Mr B. J. Wykes (Zoology)	\$3,372.00	
Toward "Population ecology of pseudomyine rodents in Victoria", Mr A. Coburn (Zoology)	\$2,500.00	
Toward Historic Gardens Survey conducted by Mrs Kate Hattam (Visual Arts)	\$10,401.27	
Department of Primary Industry, Australian Chicken Meat Research Committee, toward "Skeletal abnormalities in broiler chickens", Professor D. A. Lowther (Biochemistry)		\$23,924.00
Department of Science, Commonwealth, Queen Elizabeth II Fellowship Awards as follows:		\$64,880.54
Dr J. D. Fenton (Mechanical Engineering)	\$19,330.26	
Dr T. Neild (Physiology)	\$17,700.68	
Dr F. E. Curry (Physiology)	\$9,510.00	
Dr P. F. Crapper (Mathematics)	\$9,468.75	
Dr R. A. De Szoeki (Geophysical Fluid Dynamics)	\$8,870.85	
Department of Science, Australian Biological Resources Study, Interim Council awards, toward research project "Survey of liverworts (Hepaticae) of Australia", Dr G. A. M. Scott (Botany)		\$4,878.00
Department of Social Security:		\$376,661.00
Toward cost of Dinah and Henry Krongold Centre for Exceptional Children	\$322,200.00	
Toward project "Mental retardation", Mr S. Sykes (Education)	\$23,000.00	
Toward equipment for Krongold Centre	\$10,060.00	
Toward research and evaluation project at Work Preparation Centre South Yarra, Professor P. W. Musgrave (Education)	\$20,000.00	
Toward Nurse Administrator's salary subsidy (Krongold Centre)	\$1,401.00	
Department of Transport, Commonwealth, toward research projects, "Attitude measurement of motor cycle riders", "Road user behaviour" and "The evaluation of an automobile augmented speed feedback device", Professor R. W. Cumming and Dr T. J. Trigg (Psychology)		\$67,767.13
Education Research and Development Committee (late A.A.C.R.D.E.) on the recommendation of the Committee, the Commonwealth Government approved grants for 1977 as listed at the conclusion of this section		\$70,000.00
Electrical Research Board, toward research project "Control and optimization of large power systems:		\$8,250.00
Professor K. Morsztyn (Electrical Engineering)	\$6,750.00	
Mr K. Thomson (Materials Engineering)	\$1,500.00	
Eso Australia Ltd:		\$4,500.00
Unrestricted grant (Earth Sciences)	\$500.00	
Unrestricted grant (Engineering)	\$4,000.00	
Felton Bequests Committee:		\$7,790.00

Toward research on Virology (Paediatrics)	\$5,000.00
Toward research "An intervention study to improve contraceptive habits in Greek women", Professor B. S. Hetzel (Social and Preventive Medicine)	\$1,500.00
Toward research "The teaching of anaesthetics in the operating theatre", Mr N. S. Paget and Dr T. Hore (Higher Education Advisory and Research Unit)	\$1,740.00
Fensham, Professor P., donation toward the Education faculty, arts and embellishment committee	\$330.00
Fluor Australia Pty Ltd, to the careers and appointments office	\$50.00
Ford and Rockefeller Foundations Program, in support of social science and legal research — grant to cardiovascular research project, Associate Professor W. A. W. Walter (Obstetrics and Gynaecology)	\$15,605.51
Forelanders Trust, travel grant (Japanese)	\$500.00
Forests Commission of Victoria, toward research "Tolerance of some eucalypt species to Phytophthora Cinnamomi (Botany)	\$500.00
Gary Chemicals Pty Ltd, toward research, Associate Professor G. A. Bentley (Pharmacology)	\$400.00
General Motors-Holden's Pty Ltd:	\$4,400.00
Postgraduate Research Fellowship, Mr P. A. Kirton (Electrical Engineering)	\$4,300.00
Toward careers and appointment office	\$100.00
Glaxo Australia Pty Ltd, toward research "Salbutamol and metoprolol in ischaemic heart disease", Dr M. L. Wahlqvist (Medicine, Prince Henry's Hospital)	\$1,000.00
Goodman, Mrs H., toward equipment (Medicine)	\$700.00
Goey, Mrs J., toward purchase of equipment (Pharmacology)	\$200.00
Green, Mr K., donation for clerical assistance (Education)	\$27.40
Hardman Chemicals Pty Ltd, toward research "The extraction of the steroidal alkaloid solasodine from plants of the Australian solanum genus", Dr D. J. Collins, Dr F. W. Eastwood, Professor J. M. Swan and Dr C. Fryer (Chemistry and Chemical Engineering)	\$7,000.00
Hemming, Mrs A., toward Howitt Hall	\$10.00
Herald and Weekly Times, The, proceeds of Wealth Words (Union Clubs and Societies)	\$25.00
Hoechst Australia Limited, travel grant (Medicine)	\$250.00
Howitt Hall Committee donation toward construction of a new courtyard	\$180.00
Hungerfords prizes in Accounting 301 and Accounting for Financial Control (Economics)	\$100.00
I.C.I. Australia Limited prize for vacation work reports (Chemical Engineering)	\$40.00
Ingram, M. A. Trust, toward research "Aspects of the population ecology of small native mammals to be conducted by Associate Professor A. K. Lee (Zoology)	\$2,990.00
Inpharzam, S. A., to research project "The mechanism of action of thiamphenicol and chloramphenicol, Professor A. Linnane (Biochemistry)	\$2,500.00
Ingleson, Mr J., toward Howitt Hall	\$10.00
Institute of Chartered Accountants in Australia, annual accounting prize (Accounting and Finance)	\$40.00
Institute of Chartered Secretaries and Administrators:	\$1,500.00

Toward 1976 Monash Economics Lecture	\$700.00	
Inaugural award for 1974	\$800.00	
Institute of Chemical Engineers, general donation (Chemical Engineering)		\$300.00
Isaac, Dr J. E., general donation to Library		\$100.00
James, Mr and Mrs R., toward Howitt Hall		\$10.00
Kennedy, Dr B. E., general donation to Library		\$49.30
Krongold, Mr and Mrs H., toward cost of building Krongold Centre		\$20,000.00
Lawson, Associate Professor F., to the work of the department (Chemical Engineering)		\$170.00
Legge, Professor J. D., to the general use of the Library		\$70.00
Life Insurance Medical Research Fund of Australia and New Zealand, further instalments on research awards:		\$46,536.17
"Humoral and volume mechanism in hypertension", Professor C. I. Johnston and Dr J. Funder (Medicine)	\$25,345.17	
"Patterns of ventricular ectopic activity", Dr K. McLean (Medicine, Prince Henry's Hospital)	\$9,681.00	
Salary grant and costs (Medicine, Alfred Hospital)	\$11,233.00	
Travel grant (Medicine, Prince Henry's Hospital)	\$277.00	
Lilly Industries Pty Ltd, to the work of the department (Medicine)		\$4,000.00
Mead Johnson Pty Ltd, annual Mead Johnson award 1976 (Paediatrics)		\$52.60
Merck, Sharp and Dohme (Aust.) Pty Ltd, toward research entitled "Pituitary polypeptides", Professor J. Bornstein (Biochemistry)		\$3,000.00
Ministry for the Arts, toward cultural development:		\$11,700.00
Alexander Theatre	\$10,700.00	
Toward painting exhibition (Visual Arts)	\$1,000.00	
Ministry for Youth, Sport and Recreation, toward the printing of the "Wilderness Areas Research Report" (Civil Engineering)		\$519.00
Monash University Parents' Group:		\$6,485.00
Union: tools for motor mechanics, accessories for bus	\$700.00	
Howitt Hall: for courtyard	\$500.00	
Roberts Hall: for piano	\$250.00	
Blackwood Hall: for urns	\$400.00	
Music department: for medieval instruments	\$200.00	
Classical Studies department: for Roman inscription	\$400.00	
Social Work laboratory: for cassette recorders	\$135.00	
Astronomy Observatory: for charts and models	\$250.00	
Chemical Engineering: for mini fermenter	\$400.00	
Religious Centre: for vestments for chaplains	\$250.00	
Library: for books	\$3,000.00	
Parents' Group Student Bursary Fund: to help needy students	\$200.00	
Murtagh, Dr J. E., to the department of Social and Preventive Medicine (Community Practice Section)		\$300.00
Muscular Dystrophy Association of America Inc., toward continuing support of research on "Neural factors involved in muscle development and maintenance", Dr L. Austin (Biochemistry)		\$9,059.64
The Myer Foundation, travel expenses:		\$1,250.00
Dr R. Lansbury (Administrative Studies)	\$750.00	
Mrs G. Gunn (Visual Arts)	\$500.00	
McArthur, Dr J., toward Education faculty, arts and embellishments committee		\$10.00

McInerney, Mr C. J., toward clerical assistance (Education)	\$25.00
Nairn, Professor R. C. and colleagues, toward work of the department (Pathology and Immunology)	\$19,000.00
National Bank of Australia, Banking Law Prize (Law)	\$100.00
National Consolidated Limited, National Consolidated Prize for vacation work report 1975 and 1976	\$80.00
National Health and Medical Research Council, on the recommendation of the council, the Commonwealth Government has approved grants for 1977 as listed at the conclusion of this section	\$505,758.00
National Heart Foundation, research grants to:	\$31,909.17
Professor C. I. Johnston (Medicine)	\$11,567.43
Dr J. B. Chapman and Dr C. L. Gibbs (Physiology)	\$13,170.87
Professor B. O. West, Professor D. G. Lampard and Dr J. K. Yandell (Chemistry and Electrical Engineering)	\$1,000.00
Dr M. L. Wahlqvist (Medicine)	\$6,170.87
National Medical Research Council of Canada, toward expenses of visiting scholar, Professor L. E. Bryan (Genetics)	\$1,200.00
Nixon, Ms M., toward use of the Education faculty, arts and embellishments committee	\$50.00
Northfield, Mr J., toward use of the Education faculty, arts and embellishments committee	\$10.00
Nylex Corporation Limited	\$320.00
Vacation Report Prize 1974, 1975, 1976	\$120.00
Nylex Corporation Prize for Materials Engineering 1974 and 1976	\$200.00
Organon (Aust.) Pty Ltd, to underwrite the cost of research, Professor E. C. Wood (Obstetrics and Gynaecology)	\$1,000.00
O'Shea and Bennett Pty Ltd, toward the W. P. and H. E. O'Shea Library Fund	\$500.00
Petroleum Refineries (Australia) Pty Ltd:	\$200.00
Toward careers and appointments office	\$100.00
1975 Prize for Proficiency in 4th year Chemical Engineering	\$50.00
1975 Prize for Proficiency in 4th year Mechanical Engineering	\$50.00
Phillips, Professor C. G., for the general use of the department (Physiology)	\$1,000.00
Phillips, Fox and Masel, The Alex Masel Prize (faculty of Law)	\$100.00
Plessey Pacific Pty Ltd, toward research fellowship, Mr M. Houghton (Materials Engineering)	\$6,000.00
Pond, Mr S. A. F., toward purchase of books for Law Library	\$50.00
Potter, Ian, The Foundation:	\$3,000.00
Toward study abroad programme (French)	\$1,000.00
Toward mathematics learning project (Education)	\$2,000.00
Powergrip Industries, toward special education fund, Professor M. D. Neale (Education)	\$25.00
Production Equipment Pty Ltd, 1975 Prize, 4th year (Mechanical Engineering)	\$50.00
Queen Victoria Memorial Hospital to provide delivery chair for obstetric patients (Obstetrics and Gynaecology)	\$4,000.00
Radio Research Board:	\$9,783.00
Project "Fep/Teflon Foils and their influence on the performance on Fep/Teflon Foil electret microphones", Mr R. J. Fleming (Physics)	\$4,033.00

Project "A user Filter Design Programme", Mr K. Pang (Electrical Engineering)	\$3,000.00	
Project "Psychophysical studies of feature detectors using synthetic speech", Dr W. R. Webster (Psychology)	\$2,750.00	
Ramacioti, Clive and Vera, Foundations:		\$24,553.00
Grant-in-aid toward visit of Professor C. G. Phillips (Physiology)	\$1,000.00	
"A study of the action of prostaglandins in the human ovarian cycle and fertility", Associate Professor W. A. W. Walters (Obstetrics and Gynaecology)	\$4,250.00	
"Comparative ultrastructural and functional studies of the gastric mucosa", Dr D. J. B. St. John and Dr N. D. Yeomans (Medicine)	\$19,303.00	
Ramsay Surgical Limited, Prize for Obstetrics and Gynaecology (Obstetrics and Gynaecology)		\$50.00
Research and Rehabilitation of Retarded Children;		\$3,500.00
Toward "The 3 R's—Intervention—Integration Study", Professor M. Neale (Education)	\$2,000.00	
Toward the purchase of a Zeiss Microscope for research on virology, Dr K. Hayes (Paediatrics)	\$1,500.00	
Reserve Bank of Australia, Rural Credits Development Fund:		\$1,550.20
"An economic investigation of part time farming in central Victoria", Dr I. R. Wills (Economics)	\$491.40	
"Sex hormones from solanum alkaloids", Professor J. M. Swan (Chemistry)	\$1,058.00	
Road Safety and Traffic Authority, toward "Assessment of Singleton Device—the evaluation of an automobile augmented speed feedback device", Professor R. Cumming and Dr T. J. Triggs (Psychology)		\$1,630.07
Robins, A. H. Pty Ltd, A. H. Robins Award to Fourth Year Student 1975 (Medicine)		\$250.00
Roche Products Pty Ltd, for research into "Bowel cancer" (Pathology and Immunology)		\$11,500.00
Ross, R. E. Trust, grant to support mathematics project being conducted jointly with the Papua and New Guinea University of Technology (Education)		\$10,000.00
Royal Australian College of General Practitioners, The:		\$21,029.00
Toward the department (Social and Preventive Medicine)	\$1,029.00	
Toward "Medical manpower study", Professor N. E. Carson (Social and Preventive Medicine)	\$20,000.00	
Royal Children's Hospital, travel grant, Dr L. Cussen (Paediatrics)		\$800.00
Secret Picture Productions Pty Ltd, general donation to the department (Physiology)		\$100.00
Schools Commission, grant for continuation of school library project being conducted by faculty of Education		\$36,000.00
School of Mines and Industries, grant to determine needs of existing students in T.A.F.E. division and follow up tertiary level discontinuers, Associate Professor L. D. Mackay (Education)		\$2,330.00
Shell Company of Australia Ltd, prize for 1976 and 1975 for Chemical Engineering (Chemical Engineering)		\$100.00
Smith, Dame Hilda, equipment, Robert Blackwood Hall		\$40.00
Smith, Kline and French Laboratories (Aust.) Ltd, toward research on "Cimetidine" in the treatment of certain gastroenterological diseases, Dr J. Hansky (Medicine)		\$12,000.00

Solar Eclipse Committee, toward the organization of seminars and workshops to design projects for schools to run, Dr J. A. McDonnell (Centre for Continuing Education)	\$2,000.00
State Library Council, toward project "The economic performance of public libraries", Mr Richard Stayner (Graduate School of Librarianship)	\$6,960.00
State Pollution Control Commission, N.S.W., toward research "Mercury pollution in Gaffney and Raspberry creeks, Victoria" (Environmental Science)	\$400.00
Stuart Simson Educational Trust, to be applied to fees	\$2,740.00
T.A.F.E. Access Committee, toward "T.A.F.E. access research project", Associate Professor L. D. Mackay (Education)	\$5,000.00
Taft, Professor R., toward the Education faculty, arts and embellishments committee	\$50.00
Tileman (Australasia) Pty Ltd, 1975 and 1976 prize (Civil Engineering)	\$80.00
Transport, Victorian Ministry of, toward research "Factors influencing individual choice of mode of travel", Mr H. P. Brown (Civil Engineering)	\$2,100.00
Trauma Research Foundation, toward "Effectiveness of our present methods of compensation and rehabilitation of road accident victims", Mr J. A. Epstein (Law)	\$1,000.00
University of Melbourne, toward the publication of the Australian Journal of French Studies (French)	\$1,000.00
Victorian Law Foundation, toward the Law Library	\$1,500.00
Vince, Mr D., toward project "Main group element organo-metallic chemistry", Dr G. B. Deacon (Chemistry)	\$137.00
Walters, Associate Professor W. A. W., toward project "A study of the action of prostoglandins in human reproduction" (Obstetrics and Gynaecology)	\$4,250.00
Water Research Foundation of Australia, project "Time series characteristics of Australian streams", Professor T. A. McMahon (Civil Engineering)	\$2,800.00
Webb, Mr and Mrs R. S., toward research on leukemia, in memory of Mrs Enid Dear (Medicine)	\$60.00
Wellcome Australasia Limited:	\$3,288.25
Travel grant, Mr P. L. Nolan (Pharmacology)	\$400.00
For the use of the department (Pharmacology)	\$2,888.25
Western Mining Corporation Ltd:	\$2,400.00
Undergraduate scholarship awarded to Mr G. M. Morris and Mr T. P. O'Donoghue (Chemical Engineering)	\$2,000.00
Toward travel and research equipment in geochemistry (Earth Sciences)	\$400.00
Wheat Industry Research Council, support of project on soil micro-organisms and travel grant, Professor A. A. Holland (Botany)	\$7,284.00
Wheeler, Mr J., toward clerical assistance (Education)	\$33.75
Wilson Electric Transformer Co. Pty Ltd:	\$400.00
Jack Wilson Prize for Electrical Engineering 1975 and 1976 (Electrical Engineering)	\$200.00
1975 and 1976 Wilson Electric Transformer Co. Prize (Electrical Engineering)	\$200.00
Wool Research Trust Fund:	\$41,261.59
"Measurements of Gonadotrophin", Drs H. G. Burger and A. J. Findlay (Medicine)	\$9,925.59

"Macrocyclic metal complexes based on amino acids", Dr D. Black (Chemistry)	\$31,336.00	
Wyeth Pharmaceuticals Pty Ltd:		\$9,000.00
Toward "Study of synthetic hormone effects on ovariectomized women", Professor E. C. Wood (Obstetrics and Gynaecology)	\$1,000.00	
Wyeth Pharmaceutical Graduate Research Scholarship (Social and Preventive Medicine)	\$8,000.00	

Blackman, Mr Charles, to the Monash Art Collection a drawing by Charles Blackman.

Brown, Joseph Pty Ltd, to the Monash Art Collection:

Portrait of Janet Achurch

Bronze by Sir Edgar Bertram Mackennal (Evolving Australia)

Oil on hardboard by Danila Vassilieff

Two drawings, conte on paper from Russian Ballet series by Sir Daryl Lindsay

Sculpture, bronze by Teisutis Zikaras

Drawing by Peter Purves Smith.

Drysdale, Lady, a gift to the Monash Art Collection, a drawing by Arnold Shaw.

Metro Plastics Pty Ltd, gift of five kickboards for the Krongold Centre.

Tokai University Press, gift of a book "Materialism in search of a soul", by Dr Shigeyoshi Matsumae (Library).

Winsley-Stolz, Dr H., gift of a signed lithograph of Major Davidson-Houston's portrait of the Prince of Wales (Law).

GIFTS TO THE KRONGOLD CENTRE

Mr K. C. Clarke \$300.

Mr and Mrs B. S. Hollick \$10.

Mrs J. Home \$15.

Ms G. Mitchell \$20.

Ms A. E. Jude \$10.

Miss D. Ross \$5.

Anonymous \$10.

In addition to the above gifts and grants there have been many gifts of books, journals and other material, some very valuable, to the library and departmental libraries.

The appeal by the University for the building of a pipe organ in Robert Blackwood Hall as a tribute to the first Vice-Chancellor, Sir Louis Matheson, has reached a total of \$321,000.00 by 31 December 1976. Gifts are acknowledged on the following pages.

The library fund appeal reached a total of \$199,517.00, the development fund \$16,054.00, and the special education fund \$4,309.00.

The following research grants recommended by the National Health and Medical Research Council, were approved by the Commonwealth Government.

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
<i>Anatomy</i>		
Professor G. C. Schofield	Role of parietal cell membranes in gastric acid secretion	9,662
Dr B. W. Oakes	Factors influencing the formation of extra cellular products by vascular smooth muscle cells in tissue culture	8,375
Dr D. M. de Kretser	Ultrastructural and hormonal studies on the human and mammalian testis	9,162
Professor G. C. Schofield	Histamine production in epithelial cells of the gastric mucosa	2,200
<i>Biochemistry</i>		
Professor J. Bornstein	Pituitary polypeptides and metabolic control in diabetes mellitus	20,735
Professor D. A. Lowther and Dr R. L. Welton	Biochemistry of the inflammatory response in arthritis	7,544
Dr M. K. Gould, Dr I. C. Parsons and Professor J. Bornstein	The mechanism of the insulin-antagonistic action of growth hormone: a unified hypothesis	2,400
Professor A. W. Linnane	Development of new antifungal, antiprotozoal compounds for clinical use	19,478
Dr F. A. Stephenson and Professor J. Bornstein	Development of radio-immuno-assays for part sequences of growth hormone	10,095
<i>Electrical Engineering</i>		
Professor D. G. Lampard and Associate Professor W. A. Brown	Computer control of respiration and anaesthesia	28,147
<i>Genetics</i>		
Professor B. W. Holloway, Dr A. F. Morgan and Mrs L. V. Asche	Detection and characterization of antibiotic resistance plasmids in hospital strains of <i>pseudomonas aeruginosa</i>	11,099
<i>Medicine</i>		
Dr M. G. Korman	Serum bile acids in health and disease: measurement by radio-immuno-assay	12,523
Dr R. C. Atkins and Associate Professor E. F. Glasgow	Experimental studies of culture of isolated glomeruli from normal and diseased human and animal kidneys	9,356
Dr J. Hansky	Gastrointestinal hormones — their role in gastrointestinal physiology and pathophysiology	9,937

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
Professor C. I. Johnston Dr N. D. Yeomans	Release and storage of polypeptide hormones The mucoid cells of the gastric mucosa: their role in gastric physiology and patho- physiology	15,753 10,622
Dr R. M. Fox	Mechanism of DNA replications: the pharma- cology of cytotoxic drugs	13,130
Professor B. G. Firkin Professor B. G. Firkin and Dr M. B. Van der Weyden	Platelet physiology and pathology in man Pharmacological effects of drugs on erythro- poiesis with particular reference to megaloblastic maturation and DNA synthesis	25,140 12,475
Dr G. N. Brodie Dr D. J. St. John	The effects of ristocetin on blood platelets Studies on the physiology and pathology of the gastric mucosa with special reference to the beneficial and adverse effects of drugs	12,975 10,633
Dr M. B. Van der Weyden	Role of adenosine deaminase in lymphoid proliferation and differentiation	22,944
<i>Microbiology</i>		
Professor S. Faine Dr S. Graves	Pathogenesis and virulence in leptospirosis Growth of virulent <i>Treponema Pallidum in vitro</i>	13,700 14,516
Dr E. G. Westaway	Biochemical and immunochemical studies of arboviruses	11,260
Dr E. G. Westaway	Translation of arbovirus proteins in animal cells	1,000
<i>Obstetrics and Gynaecology</i>		
Dr A. Lopata	The action of Luteinizing hormone on the onset of meiotic maturation in explanted rat oocytes	5,180
<i>Paediatrics</i>		
Dr K. Hayes	Prenatal cytomegalovirus infection: detection, significance and treatment	9,162
Associate Professors R. MacMahon and C. M. Kellerman	Intravenous feeding of premature babies	10,819
<i>Pathology and Immunology</i>		
Professor R. C. Nairn	Effects of immunological energy in inflamma- tory and neoplastic diseases	34,828
<i>Pharmacology</i>		
Professor A. L. A. Boura	A study of the mechanisms underlying the changes in arteriole smooth muscle sensi- tivity and vascular resistance associated with experimental hypertension	13,975

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
Associate Professor G. A. Bentley	A pharmacological study of cerebral a-adrenoreceptors	10,623
Dr J. O'Neill	Role of local adrenergic innervation in ovarian function during development: neuroendocrine relationship	20,633
<i>Psychological Medicine</i>		
Professor W. Ironside	Prediction during pregnancy of disturbance in the early mother/infant relationship: a prospective study	11,875
<i>Physics</i>		
Dr P. P. Phakey and Professor W. A. Rachinger	Ultrastructure and defects of mineral phases in dentine and enamel	500
Dr P. P. Phakey, Professor W. A. Rachinger and Dr I. J. Orams	Ultrastructure and properties of dentine and enamel	1,000
<i>Physiology</i>		
Dr D. G. Cragg	Senile plaques, and the reaction of the brain to particles of foreign substances	14,315
Dr E. McLachlan	The role of the sympathetic preganglionic neurones in the control of blood pressure	10,050
Dr C. L. Gibbs and Dr J. B. Chapman	Energetics of mammalian muscle contraction	1,500
Professor R. Porter	Central nervous mechanisms controlling limb movement	22,834
The following research grants, recommended by the Australian Research Grants Committee, were approved by the Commonwealth Government.		
ARTS		
<i>Anthropology and Sociology</i>		
Dr L. J. Bryson, Mr R. Baker and Dr N. W. H. Blaikie	Consumer, agency and policy: perspectives on the services	5,300
<i>Geography</i>		
Associate Professor J. S. Whitelaw and Mr J. McKay	Induced migration within large private and government organisations	1,000
Dr A. P. Kershaw	The vegetation history of north-east Queens- land	4,755
Dr J. M. Powell	Conservation and environmental management in Australia	1,243

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
<i>German</i>		
Associate Professor M. G. Clyne	Multilingual communication and cross-cultural conflict in Australia	5,000
<i>History</i>		
Associate Professor E. Daniel Potts	Australian-American contacts during world war II	500
Dr F. W. Kent	A brief biography of Giovanni Rucellai, (1403-81), Florentine banker and patron of the arts	800
<i>History</i>		
Professor J. D. Legge	Western educated intellectuals in Indonesia	3,718
Dr A. G. Serle	Biography of general Sir John Monash	10,500
Dr I. Veit-Brause	Nature and origins of German federalism nineteenth and twentieth century	2,750
<i>Indonesian and Malay</i>		
Dr L. F. Brakel	The impact of traditional Malay literature in Sumatra	1,700
<i>Music</i>		
Dr M. J. Kartomi	The traditional music of Sumatra	3,000
ECONOMICS		
Dr R. C. Rice	Foreign trade policy and employment in Indonesia	4,000
EDUCATION		
Professor P. J. Fensham	Comparative study of two research paradigms for curricular adoption	5,000
ENGINEERING		
<i>Chemical Engineering</i>		
Associate Professor J. B. Agnew	Dynamic studies of heterogeneous reaction systems	16,750
Professor O. E. Potter and Dr W. E. Olbrich	Modelling the blast furnace	700
Professor O. E. Potter and Mr A. B. Whitehead	Similarity in fluidization	19,797
Dr D. V. Boger and Dr C. Tiu	Accelerating and decelerating flows of viscoelastic fluids	13,952
Associate Professor F. Lawson	Study of the kinetics and mechanism of cementation reactions	2,000
Professor O. E. Potter	Mass transfer in the oxidation of cyclohexane	7,653

<i>Investigator</i>	<i>Project Title</i>	<i>Grant</i> \$
<i>Civil Engineering</i>		
Dr G. I. N. Rozvany	Optimization of structural layouts by analytical methods	11,123
<i>Electrical Engineering</i>		
Dr K. E. Forward	Anodized GaAs and Al films and their application to field effect devices	1,400
Dr S. Redman	The application of electrical circuit models of neurones to the analysis of junctional mechanisms	10,425
<i>Mechanical Engineering</i>		
Professor W. H. Melbourne	Aerodynamic loading and response of bluff bodies in a turbulent flow	5,894
Dr J. B. Hinwood	Cellular structure in a turbulent shear flow	4,530
MEDICINE		
<i>Biochemistry</i>		
Dr S. Marzuki and Professor A. W. Linnane	The effects of altered biochemical function on the structure and function of mitochondrial membranes	11,821
Dr P. Nagley and Professor A. W. Linnane	Informational macromolecules in nucleocytoplasmic interactions	10,465
Professor A. W. Linnane and Associate Professor H. B. Lukins	Biogenesis of mitochondria	21,000
Professor D. A. Lowther	Structural studies of connective tissues including factors involved in the maintenance of cartilage	12,813
Professor D. A. Lowther, et al	Regulation of matrix formation as an expression of the differentiated state of the chondrocytes cultured <i>in vitro</i>	8,100
Dr R. M. Hall and Professor A. W. Linnane	The influence of the mitochondrion on the expression of the nuclear genome	2,500
Dr P. L. Jeffrey and Dr L. Austin	Turnover of synaptic components	8,000
Dr B. G. Livett	Role of membrane fusion in the release of neurotransmitters	6,250
Dr J. McD. Armstrong	Regulation of phosphoprotein phosphatases mammalian tissue	1,750
Dr L. Austin and Dr C. Kwok	The role of the cell body in the renewal of axonal and synaptic components	6,000
Professor D. A. Lowther and Dr W. H. Murphy	The biochemistry of cartilage glycoproteins	2,000
Dr B. N. Preston	Physico-chemical studies on model connective tissue systems	5,500

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
<i>Microbiology</i>		
Dr R. C. Bayly	Evolutionary relatedness of enzymes of meta fission degradative pathways	8,737
<i>Physiology</i>		
Dr B. G. Cragg	Measurement of neuronal metabolism and signalling by autoradiography	1,370
<i>Physiology</i>		
Professor R. Porter	Factors involved in dynamic control of movement	12,493
Dr M. Weiss	Biogenesis of steroids by the adrenal tissue of the Australian monotremes and marsupials	2,000
Dr F. E. Curry and Dr I. R. McDonald	Transport of water and solutes across the walls of capillary blood vessels	1,893
Professor A. K. McIntyre, Professor R. Porter and Dr U. Proske	Role of joint receptors in proprioception and the control of muscles	20,700
Dr W. R. Gibson	Endocrine factors which influence lipid deposition in chickens	900
Dr U. Proske	Responses of tendon organs during contraception of single motor units	2,603
Dr G. D. Hirst and Professor M. E. Holman	The properties and synaptic connections of the nerve cells of the intestine	9,647
Dr I. R. McDonald	Adrenal function in the Australian monotremes and marsupials	25,761
Dr G. S. Taylor and Professor M. E. Holman	Cellular physiology of the sphincters of the gastrointestinal tract	5,900
Dr C. L. Gibbs and Dr D. Loisele	Resting metabolism (heat production) of isolated papillary muscle	1,000
Professor M. E. Holman	Innervation of smooth muscle	22,418
Professor A. K. McIntyre and Dr U. Proske	Role of deep receptors in control of skeletal muscle	16,815
Dr R. A. Westerman	Mammalian nerve-muscle interactions	12,371
SCIENCE		
<i>Astronomy (Physics)</i>		
Professor K. C. Westfold and Dr L. J. Gleeson	Synchrotron radiation in planetary atmospheres	4,000
Dr L. J. Gleeson	Cosmic-ray propagation in the solar system	1,680
<i>Botany</i>		
Dr A. C. Lawrie	Studies on native Australian legumes	5,200
Dr T. P. O'Brien	Cell biology of grasses with special emphasis on cereals	6,250
Dr N. D. Hallam	Fine structure of plants adapted to desiccation	11,723

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
<i>Botany</i>		
Dr D. F. Gaff	Dessication tolerant plants, particularly grasses	8,622
Dr M. N. Clayton	Studies on the variability of the dictyosiphonales (phaeophyta)	4,900
Professor M. J. Canny	Diffusion-analogue properties of translocation	8,500
<i>Chemistry</i>		
Dr G. B. Deacon	Lanthanide and actinide organometallics	12,710
Professor R. D. Brown, Dr P. D. Godfrey and Dr G. L. Blackman	Molecules in space	18,386
Professor R. D. Brown, Professor W. R. Jackson, Professor B. O. West and Dr S. Middleton	Mass spectra of organic and inorganic compounds	105,230
Dr G. B. Deacon	Elimination reactions in organometallic synthesis	1,600
Professor R. D. Brown, Dr P. D. Godfrey and Dr G. L. Blackman	Rotational spectra of ions	39,160
Dr B. M. Gatehouse	Crystal chemistry of solid state	14,504
Professor B. O. West and Dr K. S. Murray	Synthesis, chemistry and electrochemistry of organometallic and metallo derivatives of some transition elements	1,500
Dr K. S. Murray	Single crystal magnetic and spectral studies of inorganic and bioinorganic compounds	1,200
Dr J. K. Yandell	Mechanisms of the reactions of electron transfer enzymes	1,500
Dr M. F. O'Dwyer, Dr J. E. Kent and Dr R. J. Shaw	Perturbations in the lowest excited singlet state of sulphur dioxide	2,500
Professor W. R. Jackson	Reactions of organic compounds over supported metal catalysts	600
Associate Professor R. S. Dickson	Organometallic intermediates in the transition metal assisted reactions of substituted alkynes	1,800
Dr D. St.C. Black	Methods of synthesis based on nitrene cyclo-addition reactions	9,448
Dr R. F. C. Brown and Dr F. W. Eastwood	Methyleneketenes and methylenecarbenes	12,260
Professor W. R. Jackson	Asymmetric addition reactions of hydrogen cyanide. A potential new route to resolved amino acids	12,897
Dr J. E. Kent	Photochemical studies of benzene and benzene isomers	1,500
Dr F. P. Larkins	Theoretical studies in X-ray and in electron spectroscopy	400
Dr F. P. Larkins	Chemisorption and catalytic studies on oxide systems	1,750

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
Dr I. R. McKinnon, Dr J. G. Mathieson and Dr I. R. Wilson	Chemistry of the lower stratosphere	1,900
Dr A. D. E. Pullin and Dr J. G. Mathieson	Inert gas matrix isolation studies	1,600
Dr F. R. Burden	Simulation studies of atmospheric reactions	3,040
Dr D. J. Collins, Dr F. W. Eastwood and Professor J. M. Swan	Chemical studies of solanum alkaloids	900
Dr K. S. Murray	Biological iron compounds	1,600
Dr R. K. Haynes	Lewis acid catalyzed oxygenation of olefins and aromatic compounds	6,846
Dr J. Youatt	Ultrastructure and chemical changes in the developing sporangia of <i>allomyces</i>	5,700
<i>Earth Sciences</i>		
Professor B. E. Hobbs and Dr M. A. Etheridge	An experimental investigation of the influence of phase transformations on the mechanical properties of rocks	9,820
Dr I. A. Nicholls	The origin of potassium-rich volcanic rocks in island arc and continental margin environments	6,880
Dr I. A. Nicholls and Mr V. J. Wall	Crystallization and origin of the aluminous granitic magmas	4,250
Mr V. J. Wall	Experimental and thermodynamic studies of subsolidus relations in the system Ca-Mg- Fe-Si-C-O-H	6,100
Dr L. A. Frakes	Sedimentation in Corner Inlet, Victoria	8,600
<i>Genetics</i>		
Dr V. Krishnapillai	Genetics of transfer of <i>pseudomonas aeru- ginosa</i> factors	2,500
Professor B. W. Holloway	A genetic approach to the study of the bacterial membrane	12,840
Professor B. W. Holloway	Genetic organization of <i>pseudomonas aeru- ginosa</i>	10,023
Dr D. R. Smyth	Location of DNA synthesized in meiotic cells of liliun	1,250
Dr S. W. McKechnie and Dr P. D. Morgan	An elucidation of biochemical and genetic factors which maintain enzyme polymor- phisms in <i>drosophila melanogaster</i>	4,135
<i>Mathematics</i>		
Dr R. A. de Szoeki and Dr A. F. Bennett	Mixed-layer dynamics	6,000
Professor R. Van der Borgh	Finite amplitude convection in compressible fluids and its application to astronomical problems	10,498

<i>Investigator</i>	<i>Project Title</i>	<i>Grant</i> \$
<i>Physics</i>		
Dr T. J. Hicks	Polarization analysis of diffuse neutron scattering	14,347
Dr P. E. Clark	Physical properties of composite materials	2,240
Dr J. A. Barclay	Magnetic refrigeration	4,470
Associate Professor J. H. Smith	Magnetic properties of some mictomagnetic alloys and the metamagnetic compounds Au ₂ Mn	5,150
Dr A. C. McLaren	Direct observation and identification of crystal defects and their role in the mechanisms of crystallization and deformation of minerals and rocks	3,500
Dr P. R. W. Hudson and Dr T. F. Smith	Measurements of the thermal properties associated with solid state transitions	13,886
Dr J. R. Pilbrow	Electron spin resonance in crystals and complexes	13,351
Dr J. D. Cashion and Dr J. A. Barclay	Studies of solids at low temperature and high magnetic fields	20,150
Dr G. J. Troup	Antiferromagnetic resonance studies of doped haematite structures	2,500
Dr P. P. Phakey	Transmission electron microscopy of shocked deformed rocks and certain exsolved minerals	3,000
Dr T. R. Finlayson and Dr T. F. Smith	The study of superconducting transition metal alloys and compounds	8,475
Dr R. J. Fleming	Charge transport mechanisms and alternating current electrical conductivity in some simple organic polymers	5,753
Dr A. C. McLaren and Professor B. E. Hobbs	Applications of the ion beam spectrochemical analyser in mineralogy, petrology and deformation studies	11,000
<i>Psychology</i>		
Dr S. A. Crossley	Behaviour genetic studies of naturally occurring populations of <i>drosphila melan-gaster</i>	600
Professor R. H. Day	Human movement perception: the basis of induced movement	6,949
Dr W. R. Webster	Single unit studies of the cochlear nucleus of the awake cat and the awake rabbit	8,783
Dr D. R. Irvine	Studies of acoustic input to single cells in non-specific, polysensory cortical and sub-cortical areas	1,100
Dr J. L. Bradshaw and Mr N. C. Nettleton	Human information processing: determinants and correlates of performance	8,440
Dr C. S. Chen	Induction of audiogenic seizure susceptibility in normally seizure-resistant mice	8,090
Dr K. I. Forster	Visual processing of sentences	11,289
Dr D. M. Thomson	Studies in episodic memory	600

<i>Investigator</i>	<i>Project Title</i>	<i>Grant \$</i>
<i>Zoology</i>		
Dr J. Baldwin	Role of octopine dehydrogenase in energy metabolism of molluscs	2,350
Professor J. M. Cullen	Behavioural aspects of foraging in birds	6,845

In addition to the grants listed under the National Health and Medical Research Grants Committee the following Scholarships and Fellowships have been awarded for 1977:

CLINICAL SCIENCES FELLOWSHIP

Dr D. R. Dunt \$21,741

POSTGRADUATE RESEARCH SCHOLARSHIPS

Dr P. H. Ellims	\$10,145	Consumables grant \$600
Dr R. Iansek	\$10,870	Consumables grant \$600
Dr S. R. Holdsworth	\$11,598	Consumables grant \$600

The following research grants recommended by the Education Research and Development Committee on Research and Development in Education were approved by the Commonwealth Government.

Faculty of Education

Professor P. J. Fensham	Comparative study of research paradigms for science education curriculum adoption	10,000
Associate Professor L. D. Mackay	Evaluation of college-based courses in nursing	20,000
Associate Professor R. W. McCulloch	Research and policy formation	10,000
Professor R. P. Tisher	Teacher induction project	30,000

Some of the gifts and grants shown above have payment schedules which extend over two or more years. The following table, which analyses the sources of grants and donations, shows actual funds received during 1976, and is therefore not reconcilable with the list.

<i>Sources of Grants and Donations</i>	<i>\$000</i>	<i>%</i>
Private donations and indirect Government research grants	1,429,006	52.3
Australian Research Grants Committee	864,027	31.6
National Health and Medical Research Council	405,019	14.8
Australian Advisory Committee on Research and Development in Education now Education Research and Development Committee	34,926	1.3
	<u>2,732,978</u>	<u>100</u>

MONASH UNIVERSITY ORGAN FUND APPEAL
IN RECOGNITION OF
THE VICE-CHANCELLORSHIP OF DR J. A. L. MATHESON

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
A. B. Cambridge	50	Barrow, A. Mr	5
A.R.C. Industries Limited	250	Bassett, Sir Walter and Lady	2,000
Acme Knitters & Dyers Pty Ltd	500	Bateman, D. Mr	10
Adams, Estate of the Late George	500	Beaurepaire, Ian F. Mr	100
Adams, Judge	10	Beck, J. A. Mr	20
Adams, R. R. Mrs	25	Bejer, Helen Mrs	5
Agg, David T. Mr	50	Bekhor, K. Mr and Mrs	20
Agg, G. T. Mr	10	Belshaw, R. R. Mr and Mrs	300
Agnew, J. B. Associate Professor	250	Benge, David Mr	10
Aitken, I. Mr	10	Benjamin, Brian Mr	50
Albrecht, K. H. Mr and Mrs	5	Benjamin, M. K. Dr	10
Alcoa of Australia Limited	1,000	Bennetts, K. W. Mr	200
Alec Brown Knitwear Pty Ltd	1,000	Bentley, G. A. Associate Professor	20
Alexander Magit & Associates Pty Ltd	1,500	Berg, R. Mr	5
Alexander, L. Mr	2	Besen, M. Mr	100
Alexander, Ruth Mrs	1,500	Bickham, H. Mr and Mrs	10
Alfredson, R. J. Dr	300	Birrell, R. J. Dr	50
Allan, J. Ms	10	Bishop, G. J. Dr	50
Allison, C. M. Mr	10	Black, George Mr	10
Allmand, H. Ms	5	Blackwood, Sir Robert and Lady	3,000
Allsop, B. Mrs	2	Blake, D. H. Dr	10
Almond, D. J. Mrs	20	Bloom, J. Mr	200
Alter, R. Mr and Mrs	8	Bodi, L. Professor	250
Anderson, J. Mrs	2	Borthwick, J. Mr and Mrs	20
Anderson, J. Ms	5	Boss, P. Professor	100
Andrew, J. M. Mrs	20	Boucher, F. W. Mr and Mrs	10
Andrew, R. R. Professor	25	Boughton, J. Mrs	2
Andrews, J. Mr	25	Boulton, B. E. Dr	2
Anonymous Gifts	22,872	Bourke, M. J. Mr	10
Apollo Library Binding	25	Bower, Veronica V. Dr	500
Applied Chemicals Pty Ltd	100	Bowman, R. Mrs	5
Armstrongs Newsagency	15	Box, M. A. Dr	20
Attwood, W. A. Mr	10	Bradley, D. Professor	50
Australia & New Zealand Banking Group Limited	250	Bradley, L. J. Mr	25
Australian Mining & Smelting Limited	500	Braham, R. A. F. Mr	10
		Brain, E. T. Mrs	10
		Brashs Pty Ltd	500
		Bresciani, D. Mrs	5
		Breukel, J. Mrs	10
		Brick & Pipe Industries Limited	250
B. H. Blackwell Limited	100	Britain, I. C. S. Mr	10
Baillieu, Darren Mr and Mrs	100	Broad, S. J. Mr	10
Bank of New South Wales	250	Brock, A. J. Mr	10
Barker, M. Mrs	5	Broken Hill Assoc. Smelters Limited	500
Barko, I. P. Professor	25		

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
Broken Hill Proprietary Co. Limited	10,000	Clappison, H. J. Mr and Mrs	5
Broner, S. Mr	5	Clark, Sir Lindesay and Lady	2,000
Brookes, W. D. Mr	100	Clarke, M. T. Mrs	5
Brooksbank, B. A. Captain	25	Clarke, N. Mrs	5
Brown Prior Anderson Pty Ltd	250	Clarke, V. E. Mrs	10
Brown, A. Professor	1,000	Clements, B. J. Mr	10
Brown, Joseph Mr	25	Clifton Brick Holdings Limited	1,000
Brown, W. A. Associate Professor	30	Clyne, M. G. Dr	120
Brown, W. B. Mr	15	Coates, T. H. Dr	25
Brown, W. P. Mr	250	Cohen, Sir Edward and Lady	200
Brownbuilt Limited	25	Cohen, Maurice Mr	100
Browne, John M. Mr and Mrs	500	Coldicutt, A. B. and E. B. Mr and Mrs	40
Brumley, D. W. Mr	20	Coldicutt, Gregor Mr	50
Brunt, Maureen Professor	100	Cole, W. G. and J. M. Mr and Mrs	10
Buck, W. W. Mr	30	Coles, R. Mrs	20
Butler, M. Mr and Mrs	500	Collier Charitable Fund	5,000
Byers, J. S. Dr	25	Collier, A. Mrs	5
C. H. & C. E. Waddell Trust	1,000	Collins, A. K. Professor	1,000
C.S.I.R.O. Division of Chemical Physics Staff	393	Collins, D. Mrs	10
Cabena, M. Mrs	5	Colville, B. Mrs	10
Cacek, S. T. Mr and Mrs	10	Comalco Limited	500
Caligari, P. Mrs	5	Commercial & General Acceptance Limited	250
Callinan, J. P. and L. H. Mr and Mrs	5	Commercial Bank of Australia Limited	2,000
Caple, John H. Mr	10	Commonwealth Banking Corporation	1,000
Carey, M. J. Mrs	10	Connolly, Sir Willis	10
Caribonum Australia Pty Ltd	20	Conway, E. J. Mrs	9.50
Carlton & United Breweries Limited	1,000	Conzinc Riotinto of Australia Limited	1,000
Caro, D. E. Professor	100	Cooper, N. Mrs	10
Carr, A. L. Mr and Mrs	10	Coram, J. Mrs	5
Carrick, G. E. Mrs	5	Coulson, Margaret E. Mrs	2
Caston, A. R. Mr	20	Cox, N. J. Mr	5
Chaldjian, John Mr	100	Craig, Gordon Mr	5
Chamber of Manufactures Insurance Limited	50	Craigen, A. N. Mrs	50
Chancellor & Patrick	100	Craine, A. G. Mr	10
Chandler, Leonard Mr	1,000	Crang, M. Mr	5
Chau Tet Yin Mr	10	Craven, W. A. Mr	5
Chesebrough-Ponds International Limited	100	Crawn, V. Mr	5
Chik Ah Yan Mr	50	Crean, F. E. Mrs	2
Chipperfield, R. H. Mr	5	Cripps, E. Mr	5
Chivers, J. Mr	5	Crofts, P. Mrs	2
Chuck, S. J. Mr	10	Crook, M. Mr	5
Church, G. W. Mrs	5	Crossman, J. L. Mr	5
		Crowley, J. V. Mr	5

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
Cuming Smith & Company Limited	500	Dutch Australian Book Depot Pty Ltd	20
Cuming, M. A. Mr	300	Dyson, R. F. Mrs	3
Cumming, R. W. Professor and Mrs.	1,000	Eadie, J. Mr	10
Cunnington, J. Miss	50	Eager, David Mr	5
Curtis, N. R. and G. E. Mr and Mrs	10	East, S. W. Dr	10
Cushen Clothing Pty Ltd	10	Eberbach, A. Mrs	5
		Ebsworth, E. B. and E. A. Mr and Mrs	10
		Edgar, T. C. Mr	5
Daley, John E. Mr	20	Edquist, R. C. Mr	10
Dana, Edward Mr	5	Edwards, H. I. P. Mr	10
Danby, J. W. Mr	10	Eggleston, Sir Richard	500
Danks Trust	750	Eggleston, Robert A. Mr	150
Darby, L. Mr	5	Ellis, D. R. Mr	25
Darling, Sir James and Lady	200	Engelman, P. Mr	20
Das, P. K. Mr	15	Epstein, R. Mr	2
D'Astoli, M. L. Mr	10	Esso Australia Limited	2,500
David, A. A. Mr	8		
Davidson, R. W. Mr	500	F. Fallshaw & Sons Pty Ltd	50
Davis, S. R. Professor	500	Farran, A. C. C. Mr	100
Decker, L. Mrs	2	Faul, J. Mrs	10
Delta Metal Holdings (Australia) Pty Ltd	200	Faulkner, K. W. Mr	10
Dempster, A. W. Mr	10	Featherstone, S. Ms	2
Dempster, E. C. Mr	25	Feiger, K. and A. Mr and Mrs	10
Denehey, L. R. Mrs	20	Fensham, P. J. Professor	40
Dent, W. D. Mrs	5	Ferguson, W. F. Dr	10
Despatch Office Supplies Pty Ltd.	10	Fibremakers Limited	1,000
Dettmann, G. C. Mr	20	Findlay, G. H. Mr	20
Diamond Fence & Gate Company Pty Ltd	100	Fineburg, R. Mr	250
Dickins, M. R. Mrs	20	Finlaw Industries	50
Dickson, J. B. Mr	10	Fischer Furnishings	50
Dilnot, A. F. Dr	50	Fisher, D. M. Mr	20
Disher, Clive Dr	100	Fitchett, P. H. Mr and Mrs	125
Dohrmann, J. F. Mr	50	Fitzgerald, J. S. Dr	10
Doolan, A. G. Mr	50	Fitzpatrick, D. M. Mrs	50
Dore, Helen Mrs	10	Flynn, J. M. Mr	10
Downard, D. F. Associate Professor	10	Follan, J. Mr	5
Dott, M. Ms	5	Foo Yong Fong Mr	50
Downing, R. Professor and Mrs	40	Forrest, Sir James and Lady	1,000
Duncan, Ruth Q. Mrs	10	Forster, E. L. Miss	10
Dunkin, W. H. Mr	25	Forster, W. S. Mr	5
Dunlop Australia Limited	2,000	Forsyth, R. J. Mr	20
Dunn, J. Mr	50	Fox, A. N. Mrs	10
Dunn, S. S. Professor	100	Foxcroft, A. Mr	10
		Fraid, Henia Mrs	10
		Fred Cato Charitable Fund	100
		Freidin, J. Dr	75

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
Friedman, H. Mr	5	Griffiths, K. R. Dr	10
Frost, Sir Sydney	10	Griffiths, P. A. Mrs	10
Fuhrmeister, H. G. The Reverend	10	Grigg, J. L. Mr and Mrs	250
Fullagar, J. K. Dr and Mrs	25	Gunner, W. H. Mrs	5
Fuller, Graham R. Mr	10	Gunning, R. H. Mr	10
Furphy, H. G. Mr	10	Gutteridge, Haskins & Davey Pty Ltd	100
Fussell, E. Ms	20	Guy, E. Mrs	5
G. J. Coles and Company Limited	500	H. & L. Hecht Trust	2,000
Gardner, C. J. Mrs	5	H. Parsons Coburg Timber & Hardware Pty Ltd	10
Gardner, R. H. Mr	10	Halprin, L. Ms	5
Garrett, Sir Raymond	100	Hammersley Iron Pty Ltd	500
Gay, K. F. Mr	10	Hamilton, C. A. Mr	5
Gedye, J. Ms	5	Hammarstrom, U. G. E. Professor	250
Geist, E. J. Mr	5	Hammersley, R. Mr	10
General Motors-Holden's Limited	4,000	Hancock, Arnold J. Mr	100
Gerst, D. Mr	8	Hannan-Smith, E. Mr	5
Gibbs, R. R. Mr	10	Hansen, S. H. Mr and Mrs	10
Gibson, H. Mr	10	Harbig, Richard P. Mr and Mrs	100
Gibson, W. R. Dr	30	Hardcastle, R. T. A. Mr	100
Giles, Sir Norman	50	Hardisty, G. S. Mrs	20
Gingold, B. Mr and Mrs	10	Harrison, L. Mr	100
Glaxo (Australia) Pty Ltd	100	Haskell, A. R. Mr	10
Gliddon, C. W. Mr	20	Hawker, Godfrey Mr and Mrs	100
Godfrey, P. D. Dr	100	Hawkins, K. W. Mr	25
Godfrey, W. P. Race, Mr and Mrs	200	Hay, W. W. Mr	10
Godwins Hay & Grain Pty Ltd	20	Heath, J. R. Dr	10
Goldenberg, R. Mr	400	Heley, Olive Mrs	2
Goldsworthy, D. J. Dr	60	Heller-Nicholas, Sophy Mrs	25
Goodman, H. Mrs	50	Henderson, M. S. Professor	500
Goodman, J. Mr	5	Henderson, N. Mr	5
Goodrich, R. A. Mr	10	Henshaw, C. Mrs	5
Goossens, R. Mr	10	Herring, Sir Edmund and Dame Mary	100
Gough, K. O. Dr	25	Hetzl, Basil S. Professor	200
Gould, M. K. Dr	20	Hewlett-Packard Australia Pty Ltd	1,000
Goy, A. Mr	10	Hicks, F. L. Mr	2
Graham, M. Mrs	5	Hicks, P. A. and R. G. Mr and Mrs	50
Gray, L. R. Mrs	10	Higgs, R. D. and G. M. Mr and Mrs	10
Gray, Nigel J. Dr	10	Hills, M. R. Mr	40
Gray, Y. M. Miss	10	Hiscock, Ian Dr	1,000
Green, J. S. Dr	100	Hiscock, P. Mrs	25
Green, K. D. Mr and Mrs	100	Hiscock, W. R. G. Mr	100
Greenwell, J. Mr	10	Hiscox, R. J. Mr	10
Gregory, A. G. Mrs	10		
Greif, H. J. Mr	20		
Grey, D. Mr	5		
Grice, J. M. Miss	2		

<i>Name</i>	<i>Gift \$</i>	<i>Name</i>	<i>Gift \$</i>
Hobbs, E. W. M. Mr	10	Jenkin, A. L. T. Mrs	5
Hodgson, H. J. Dr	20	Joe White Bequest	1,000
Hodgson, U. F. Mrs	20	John Connell & Associates	100
Holland, Sir John and Lady	250	John F. D. Scarborough & Partners Pty Ltd	500
Home, Joyce T. Mrs	20	John Kehm & Company Pty Ltd	10
Hone, Sir Brian	100	John Lewis Pty Ltd	25
Horan, E. Ms	2	Johns & Waygood Perry Engineering Limited	200
Hoult, L. R. Mr	10	Johns, A. Owen Mr	100
Houston, J. Mr	10	Johns, Peter Mr and Mrs	125
Howson, Peter Mr	25	Johnson & Johnson Pty Ltd	50
Hoy, R. Mr	5	Johnston, D. Mrs	5
Hudson, J. E. Mr	30	Johnston, G. H. Mr	10
Hughes, Estate of the Late Amy R. Hughes	500	Jones, G. Mr	15
Hughes, H. Mrs	10	Jones, Harold Mr	25
Hughes, M. S. Mr and Mrs	4		
Humes Limited	1,000		
Humphrey, John Mr	50	K. G. Hooker Builders Pty Ltd	100
Hungerfords	250	K. G. Luke Group Industries Limited	50
Hunt, F. Mr	10	Kagan Bros Industries	25
Hunt, K. H. Professor	300	Kalpokas, J. Mr	10
Hurle, M. J. Mrs	5	Karlik, Joseph Mr	5
Hurley, W. M. Mr	10	Karnups, A. Mr and Mrs	5
Hurst, Hedy Mrs	5	Kaye, C. K. Mr	10
Hutchinson, G. Dr	50	Keen, M. Ms	10
Hutson, P. F. Dr	250	Kelly, Winifred L. Mrs	20
		Kelsall, E. C. Mrs	2
I.B.M. Australia Limited	1,000	Kemera Press	50
I.C.I. Australia Limited	1,000	Kemp, D. H. Mr	20
Idrus, A. Mr	600	Kendall, M. Mrs	10
Ingamells, A. Mr	10	Kenez, B. & J. Mr and Mrs	5
Invicta Carpets Pty Ltd	10,000	Kent Hire Service	50
Ironside, W. Professor	1,000	Kent, J. E. Dr	150
Irwin, Johnston & Partners Pty Ltd	1,000	Kertesz, G. A. Mr	10
Isaac, J. E. Dr	500	Khoury, R. Mrs	10
		Kilpatrick, Oriel Mrs	10
Jack, B. Mrs	8	King Harding & Partners	25
Jackson, Daryl S. Mr	100	King, A. J. E. Mr	10
Jackson, H. H. Dr	5	Kirk, B. Mrs	2
Jackson, P. P. Brigadier	25	Kirton, P. A. Mr	4
Jackson, W. R. Professor	180	Kitchen, P. E. Mrs	5
Jacobs, T. C. and M. A. Mr and Mrs	10	Klein, K. B. Mr	10
Jacobson Chamberlin & Casen	500	Kondarovskis, H. Mrs	5
Jakstas, W. Mrs	2	Korbl, E. Mr	20
James, K. H. Mr	25	Kozicki, M. Mr	5
Janoo, Anthony Mr	100	Kriek, P. N. Mr	10
Jelinek, Eugene Mr	30	Krizos, E. Mrs	10
		Kronborg, J. A. Mr	20

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
Krongold, H. and D. Mr and Mrs	30,000	MacLean, R. E. Dr and Mrs	20
Kustin, L. Mr and Mrs	10	MacLeod, C. R. Miss	20
L. H. Moon & Sons Pty Ltd	50	Macmillan, The Macmillan Co. of Australia Pty Ltd	250
L. T. Fraser & Associates	20	MacRae, D. M. Reverend	10
L. U. Simon Proprietary Limited	500	Madden, J. Mrs	5
Lacey, J. Mr	30	Madsen, E. C. Mr	5
Lade, H. M. Mrs	10	Maggs, Albert H. Mr	100
Lafeber, M. Mrs	10	Magnetic Media Services	100
Lambert, T. F. Dr	30	Mahlab & Associates	100
Lamson Paragon Limited	100	Maidment, J. Mr	100
Lane, A. Mr	10	Mallesons Solicitors	100
Langlands, Ian Mr	500	Malseed, L. Mrs	5
Lavelle, Grace J. Mrs	10	Mamone, R. Mr	25
Law, P. G. Dr	20	Mann, W. H. C. Mr	500
Lay, M. G. Dr	25	Manton, G. R. Professor	150
Lee, A. A. Mr	5	Mapleson, R. L. Mr	15
Lee, E. Mr	10	Marginson, R. D. Mr	5
Lees, Frank A. Mr	20	Mark, J. Mr	20
Legge, J. D. Professor	300	Marks, E. Mrs	5
Lennox, F. G. Dr	50	Marsh, M. Mrs	10
Lesser, L. E. Mr	10	Marsh, W. J. Mr	10
Leslie, J. W. Mr	200	Marshall, D. F. Mrs	5
Lester, J. M. Mr	20	Marton, Agnes Mrs	4.35
Levine, D. Mr	500	Masanauskas, J. and B Mr and Mrs	5
Linnane, A. W. Professor	150	Masel, Leigh Mr	50
Littleton, L. V. Mrs	5	Matthews, J. V. Miss	20
Livett, A. W. Mr	10	Mawby, Sir Maurice	50
Livett, B. Dr	30	May, A. H. Mr	20
Loewy, Peter M. Dr	5	May, F. Mrs	5
Logan, N. Mrs	1	McAllister, R. Mr	3
Long, H. Mrs	5	McBriar, A. M. Professor	300
Long, P. L. Mrs	5	McCaughey, A. P. Professor	30
Love, H. H. R. Dr	100	McCaughey, J. D. Professor	25
Lowe, G. J. Mr	10	McComas, M. Ms	5
Lowen, W. Dr	10	McConachy, D. L. Dr	20
Lublin, E. Mrs	50	McConchie, J. O. Mr	10
Luft, W. Mrs	5	McCoy, C. G. Mr	10
Lukins, H. B. Dr	25	McCrossin, R. G. Mr	1,000
Lumsden, W. M. Mr	25	McCutcheon, Sir Osborn and Lady	100
Lush, G. H. Mr Justice	25	McDonald, R. F. Mr	20
Luxton, M. V. Mrs	10	McDonald, V. R. Mr	5
MacDonald, K. W. Mr	10	McEwen, John Mr	10
MacDonald, Rod Mr	2,000	McGee, O'Callaghan, Gill & Company	1,000
Macindoe, S. C. G. Mr	1,000	McGrath, Sir Charles	1,000
MacKenzie, J. R. Mr	500	McInerney, M. B. Mr Justice	20
MacKinnon, I. D. Mr	25		

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
McKee, H. Mrs	40	Murnane, Kenneth Mr	20
McKenzie, D. F. Mr and Mrs	5	Myer Emporium Limited	1,000
McKenzie, Hugh M. Mr	100	Myer, Martyn Mr	100
McKinnon, Hugh Mr and Mrs	25	Myer, P. M. Mrs	1,250
McLachlan, H. K. I. Dr	5	Myer, The Sidney Myer	
McLean, D. T. Mr	20	Charitable Trust	5,000
McMahon, H. M. Mrs	25	Myers, K. H. Mr	10
McNamara, R. Mr	2		
McNaughton, H. Mrs	10		
McNeill, James C. Mr	1,000	Nairn, R. C. Professor	50
McNicol-Smith, I. Mr	10	Nash, A. H. Dr	10
McNicol, R. Mrs	25	National Bank of Australasia	
McPhersons Limited	500	Limited	500
Medos Company Pty Ltd	100	Nayudu, P. R. Dr	100
Meechan, J. P. Mr	10	Neale, Marie D. Professor	250
Melbourne Chorale	75	Nettlebeck, C. W. Dr	100
Melbourne Youth Music Council	50	Nevile, S. S. Mr	100
Melville, John F. Mr	20	Nevill, H. F. C. Mr and Mrs	10
Menzies, J. S. Mrs	20	Neville, G. J. Mr	10
Meredith, W. J. Mr	10	Neville, R. E. Miss	10
Merrett Hassett Sports Specialists		Neville, W. H. and D. I.	
Pty Ltd	20	Mr and Mrs	20
Miles, G. Dr	100	Newell, A. Mrs	5
Mills, J. The Reverend	10	Nielson, J. T. Mr	20
Ministry for the Arts	50,000	Nixon, J. C. Dr	100
Moffatt, L. Mrs	5	Noble, J. Mrs	20
Molesworth, Richard W. E. Mr	5	Norris, P. L. Mr	100
Monash Associations Liaisons		North Broken Hill Limited	1,000
Committee	3,500	North-Coombes, A. Mr	20
Monash Graduates Association	250	Northcote, The Lady Northcote	
Monash University	50,000	Permanent Orchestra Fund	500
Monash University Parents		Nott, E. Miss	10
Group	1,000	Nowicki, P. Mr	10
Montague, P. Mrs	10		
Moon, J. R. Dr	10		
Moore, G. Mr and Mrs	2	Oaten, R. Mrs	10
Moore, Vera Mrs	3,000	O'Brien, C. Ms	20
Moorhouse, C. E. Professor	25	Offor, P. Mr	25
Moppert, C. F. Dr	300	Ogden Industries Pty Ltd	10
Morawetz, P. A. Mr	100	O'Grady, Maxine Mrs	10
Morgan, A. F. Dr	50	O'Halloran, E. A. Mr	100
Morgan, J. E. Mr	10	O'Kane, N. M. Mrs	20
Morrison, H. L. Miss	2	Oldfield, J. H. Professor	100
Morrison, R. G. Mr	5	O'Loughlin, L. H. Mr	50
Morse, R. N. Mr	200	Orgill, K. A. Mr	10
Mortlock, J. T. Mr and Mrs	10	Orr, R. P. Mr	25
Morton, R. C. J. Mr	20	O'Shannassy, M. B. Mrs	10
Muir, L. M. Mr and Mrs	100	O'Shea, R. G. Mr	200
Murdoch, Dame Elisabeth	500	O'Toole, K. H. Mr	10

<i>Name</i>	<i>Gift \$</i>	<i>Name</i>	<i>Gift \$</i>
Palmer, A. H. Mr and Mrs	20	Reichman, E. Mr	5
Pan Yau Kham Mr	50	Repeco Limited	1,000
Paramedics Pty Ltd	20	Revelman, G. Mr and Mrs	40
Park, M. Mrs	5	Reynoldson, A. P. Mr	10
Parker, G. E. Mr	5	Rhodes, F. A. Mr	5
Parry, R. H. G. Dr	5	Rich, David Mr	30
Parsons, I. C. Dr	180	Richards, H. C. Mr	100
Pask, G. M. Mrs	25	Richards, J. C. Mr	5
Paterson, W. Mrs	2	Ride, D. Ms	10
Patton, J. Mr	10	Rivett, Rohan D. Mr	10
Peirce, E. C. Mr	50	Robertson, A. Mr	5
Pendavingh, M. Mr	5	Robinson, A. Mrs	10
Percy Boyden Limited	10	Robinson, G. R. Mrs	5
Petersville Limited	500	Rockman, N. Mr	1,000
Petratis, J. Mr	10	Rogers, E. Mr	500
Philipatos, U. Mr	10	Rogers, F. J. Mr and Mrs	10
Phillip Morris Limited	500	Rogers, L. W. Mr	25
Phillips, Fox & Masel	200	Rogers, P. H. Dr	125
Pickett, A. A. Mr and Mrs	10	Roneo Vickers Pty Ltd (Victorian Branch)	25
Pierotti, P. Ms	10	Rose Music Pty Ltd	5,000
Pincus, H. E. Mr	20	Rose, R. A. Mr	10
Pond, S. A. F. Mr	50	Rossiter, P. L. Dr	10
Portbury, A. E. Mr	10	Rowe, N. C. Mr	10
Potter Partners	750	Roy Grounds & Company Pty Ltd	2,500
Potter, The Ian Potter Foundation	2,000	Russell, T. S. Mr and Mrs	10
Powell, C. L. Mr	3	Ryan, Peter Mr	25
Powergrip Industries	35	Salmon, H. Mrs	25
Powney, W. G. Mr	4	Sampson, Ralph Dr	25
Price, S. Ms	25	Samuel, R. H. Professor	5
Proudfoot, Jean Mrs	10	Sanders, M. Mrs	20
Prowse, D. B. Dr	5	Sands & McDougall Pty Ltd	200
Prowse, G. A. Mr and Mrs	10	Saunders, M. Mr	50
Quanchi, H. D. Mr	5	Sawrey, C. E. Dr	50
Quixley, K. G. Mr	10	Schnytzer, A. Mr	20
Raabe, Z. Mr	10	Scholfield, W. T. and L. M. Mr and Mrs	10
Rackham, A. J. Mr	4	Schutt, Estate of the Late Helen McPherson Schutt	1,000
Ramsay Surgical Limited	50	Schutze, S. Mrs	5
Ramsay, J. S. Mrs	10	Scott, Estate of the Late Daniel Scott	1,000
Ramsay, Sir Thomas and Lady	200	Scott, G. A. M. Dr	500
Rash, D. Mr	50	Scott, M. J. Mr	5
Raymond, St Q. G. Mr	20	Scott, W. A. G. Professor and Mrs	350
Rechter, Bernard Dr	100	Scott, W. H. Professor	1,000
Reed, B. Dr	5		
Rees, A. L. G. Dr	100		
Rees, M. L. Mr	10		
Reeve, J. K. Mr	10		

<i>Name</i>	<i>Gift \$</i>	<i>Name</i>	<i>Gift \$</i>
Scroggie, O. J. M. Mr	10	Sprigg, M. E. Ms	500
Secomb, H. W. D. Mr and Mrs	20	Spyker, P. Mr	5
Segal, N. Mr	10	St Leon, S. Mrs	20
Seiler, Edgar Mr	100	Stahr, E. Mrs	20
Selby, Benn A. Mr	100	Staib, W. A. and E. Mr and Mrs	10
Selbys Scientific Limited	100	Standard Newspapers Limited	50
Semmens, F. W. Mrs	5	Stanhope, J. R. and P. Mr and Mrs	10
Semmens, L. Miss	10	Steer, G. M. Mrs	10
Senini, D. L. Dr	20	Steinbrecher, Toni Barbara Mrs	5
Senini, L. J. and E. M. Mr and Mrs	10	Steiner, M. Mr	10
Sewell, P. Mr	25	Stenford, J. M. Mr	2
Shaw, E. Ms	10	Stenhouse Victoria Limited	1,000
Shaw, H. M. Mr	30	Stevens, L. K. Professor	100
Shaw, The George Shaw Trust	600	Stewart, Anne Mrs	300
Shearn, A. J. Mr	4	Stewart, C and I. E. Mr and Mrs	4
Shell Company of Australia Limited	1,000	Stickland, W. B. Mr	10
Shevenan, R. Mr	5	Stork, A. D. C. Mr	25
Shields, F. D. Mr	10	Strauss, U. W. Mr	20
Signmakers Australia Pty Ltd	25	Stringer, J. Mrs	20
Singer, M. Mrs	50	Stroh, M. Mrs	5
Sitnai, O. Dr	10	Sturrock Motors	20
Slade, A. Mr	200	Swan, C. Mr	30
Slee, J. E. Mr	10	Swan, J. N. Professor and Mrs	100
Sloman, A. R. Mr	25	Sweeney, G. P. T. Mr	100
Slutzkin, Frank A. Mr	5	Syme, Sir Colin and Lady	500
Smalley, H. P. Mr	5	Szental, M. Mr	200
Smart, P. C. Mrs	2	Taft, R. Professor	25
Smith, D. J. W. Mr	5	Talbot, Alan Mr	40
Smith, J. B. Mr	20	Tan Nee Thong Mr	20
Smith, J. H. Smith Pty Ltd	20	Taskis, H. D. Mr	5
Smith, M. J. Mr	20	Tatchell, N. F. Dr	25
Smith, R. Mr	5	Tate, Ian B. Mr	200
Smith, R. K. Mr and Mrs	5	Taylor, Jack K. C. Mr	20
Smith, Reg J. Mr and Mrs	4	Teague, B. R. Mr	25
Smith, T. W. Dr	50	Tescher, B. Mr	3
Smith, V. Mrs	10	Thomson, Kathleen Mrs	25
Smith, Valda J. Mrs	10	Thomson, Roderick Dr	10
Smith, W. A. Mr	10	Thong Park Seng Mr	100
Smorgon, S. Mr and Mrs	2,000	Thurley, R. Mr	10
Snape, R. H. Professor	100	Tippett, E. J. T. Mr	20
Sneddon, A. Mr	5	Toakley, A. R. Dr	75
Southey, Sir Robert	100	Traill, J. W. Mr	100
Spataro, S. Mr	5	Trembath, R. V. Mr	5
Speekman, J. Mr	10	Trewarn, K. Mr	30
Speiser, L. Ms	50	Trigellis-Smith, Sydney Mr	5
Spencer-Hogbin, P. Mrs	20	Trinca, G. F. Mrs	10
Spitz, Hans Mr	15	Truett, A. J. Mr	100

<i>Name</i>	<i>Gift</i> \$	<i>Name</i>	<i>Gift</i> \$
Trusler, W. K. Mr	10	Whitehead, R. Mr	10
Truslove, L. G. and R. J. Mr and Mrs	5	Whiteside, E. Ms	20
Turnbull, A. Mr	10	Whyte, R. Mrs	5
Turner, P. Mr	5	Wilkinson, R. E. Mr	20
Tyson, Edith Mrs	2	Wilks, H. B. Mr	15
Van Der Vliet, J. H. Mr and Mrs	5	William Angliss (Victoria) Charitable Fund	1,000
Van Riel, A. Dr	10	William Buckland Foundation	5,000
Varley, E. J. Mr	5	Williams, D. T. Mr	20
Vigilante, M. Ms	5	Williams, G. H. V. Mr	25
Vittorio De Biase	5	Willis, J. H. Dr	5
Vollebergh, M. Mrs	2	Wills, D. Ms	10
Waller, P. L. Professor	100	Wilson, C. W. Dr	30
Wallis, J. H. Mr	5	Wilson, Estate of the Late Edward Wilson	1,000
Walter H. Wright Pty Ltd	2,000	Wilson, John Mr and Mrs	400
Wardle, V. Mrs	20	Wolff Van Wulfing, R. M. Mr	10
Warman, C. H. Mr	250	Wolff, Allan John Mr	10
Warmington, John Mr	500	Wong Yen, D. Mr	10
Watson, N. P. Mr	20	Wood, A. Mr	25
Watterson, G. A. Dr	100	Wood, J. Mr	20
Wearing Smith, Violet Mrs	10	Wood, M. A. Mr	10
Webb, D. Dr	10	Woods, J. W. Mr and Mrs	20
Webb, E. H. Mr	5	Worley, R. T. Dr	100
Webb, G. S. Mr	2	Wright, A. C. Mr	20
Webb, M. E. Mrs	5	Wright, M. Mrs	20
Webb, M. T. Mrs	10	Yeo, L. J. Mr and Mrs	100
Weickhardt, L. W. Mr	50	Young, G. I. Lt Colonel	10
Weir, P. Ms	20	Young, W. W. Mr	20
Weis, A. Mr and Mrs	500	Youngs Transport Agency	250
Weiss, E. G. A. Mr	150		
Wells, J. Mr	10		
Wells, J. F. and A. C. Dr and Mrs	5	Zeelander, M. Mrs	10
Werner, C. M. Mr	50	Zelwer, C. Mr	10
West, B. O. Professor	100	Zimmer, Walter Mitchell Mr	20
Westfold, K. C. Professor	100		
Weststeyn, A. Mr	10	<i>Gifts were also received from:</i>	
White, I. M. Mrs	20	Professor A. C. Jackson	
White, L. H. L. and S. E. Mr and Mrs	10	Mr and Mrs Vic Jennings	
		Dr and Mrs J. A. McDonell	

For and on behalf of the Council
R. M. EGGLESTON
Chancellor

ACCOUNTS FOR THE YEAR 1976
CERTIFICATE BY MONASH UNIVERSITY

In our opinion the statements which follow, numbered 1 to 19, correctly record the transactions of Monash University for the year ended 31 December 1976.

R. L. MARTIN
Vice-Chancellor

F. H. JOHNSON
Comptroller

31 May 1977

AUDITOR-GENERAL'S CERTIFICATE
PURSUANT TO THE PROVISIONS OF SECTION 36
OF THE MONASH UNIVERSITY ACT 1958

The books and accounts of Monash University for the year ended 31 December 1976 have been audited. In my opinion the statements of account which follow, numbered 1 to 19, correctly summarize the financial transactions for the year.

B. J. WALDRON
Auditor-General

14 June 1977

(1) SUMMARY STATEMENT SHOWING INCOME AND EXPENDITURE FOR

	Recurrent Grant	Building Projects Grant	Equipment Grant	Teaching Hospitals		Special Research Grant
				Recurrent Grant	Building Projects Grant	
	\$	\$	\$	\$	\$	\$
INCOME						
State Government Grants					3,017	
C'wealth Government Grants	44,664,000	1,553,760	851,727	178,000		393,000
Other Income						
<i>Total Income</i>	44,664,000	1,553,760	851,727	178,000	3,017	393,000
<i>Less</i>						
EXPENDITURE						
Academic Activities	31,829,526	102,951	467,018	178,000		392,861
Academic Services	4,206,074		16,943			
Student Services	960,613					
General Services	7,900,506	787,576	27,476		49,927	139
Public Services	57,335		1,610			
Other Expenditure	50,338					
<i>Total Expenditure</i>	45,004,392	890,527	513,047	178,000	49,927	393,000
Surplus (Deficit) for the year	(340,392)	663,233	338,680	—	(46,910)	—
Surplus at 1 January 1976	1,853,381	537,525	6,453	—	155,665	—
Prior Years' Adjustment						
ACCUMULATED SURPLUS AT 31 DECEMBER 1976	1,512,989	1,200,758	345,133	—	108,755	—

ALL GENERAL PURPOSES FOR THE YEAR ENDED 31 DECEMBER 1976

<i>Private & Indirect Gov't Research Grants</i>	<i>General Donations</i>	<i>Union Activities</i>	<i>Student Assist. Fund</i>	<i>Union Devel't Fund</i>	<i>General Auxiliary Activities</i>	<i>Fire Insurance Fund</i>	<i>Total</i>	<i>1975 Total</i>
\$	\$	\$	\$	\$	\$	\$	\$	\$
864,027							3,017	6,667
1,287,449	694,885	1,071,547	233	426,060	2,582,853	8,375	48,504,514	44,361,542
2,151,476	694,885	1,071,547	233	426,060	2,582,853	8,375	6,071,402	5,140,059
							54,578,933	49,508,268
1,993,636	126,327						35,090,319	30,272,015
5,668	37,833						4,266,518	3,873,154
78,777	22,545						1,061,935	1,069,575
4,707	327,126			259,819	602,237	7,453	9,966,966	12,016,642
	2,692						61,637	55,527
	13,783	1,031,930		100,393	1,403,663		2,600,107	1,771,787
2,082,788	530,306	1,031,930	—	360,212	2,005,900	7,453	53,047,482	49,058,700
68,688	164,579	39,617	233	65,848	576,953	922	1,531,451	449,568
290,849	655,602	51,057	7,406	24,577	1,847,088	110,488	5,540,091	5,090,523
	94,773		44		(94,817)			
359,537	914,954	90,674	7,683	90,425	2,329,224	111,410	7,071,542	5,540,091

(2) RECURRENT GRANT
STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
39,147,998	INCOME Commonwealth Government Grants	44,664,000
<u>39,147,998</u>	<i>Total Income</i>	<u>44,664,000</u>
	<i>Less</i>	
	EXPENDITURE	
	<i>Academic Activities</i>	
	Teaching and Research—	
24,286,125	Salaries and Related Items	28,478,780
1,298,423	Maintenance	1,551,674
503,677	Computing Services	655,712
68,524	Equipment	514,772
147,626	Study Leave Travel	210,033
101,147	Appointment Costs	90,027
210,777	Other Items	328,528
<u>26,616,299</u>		<u>31,829,526</u>
	<i>Academic Services</i>	
	Libraries—	
1,852,410	Salaries and Related Items	2,179,196
1,020,218	Books and Journals	1,005,910
62,774	Maintenance	87,556
60,331	Computing Services	79,818
2,252	Equipment	1,673
852	Other Items	815
<u>2,998,837</u>		<u>3,354,968</u>
	Computing—	
480,904	Salaries and Related Items	534,450
242,592	Maintenance	222,031
663,803 Cr.	Recoveries	848,741 Cr.
746	Other Items	160,161
<u>60,439</u>		<u>67,901</u>
	Other Academic Services—	
514,324	Salaries and Related Items	681,724
49,250	Other Items	101,481
<u>563,574</u>		<u>783,205</u>
<u>30,239,149</u>	<i>Sub-Total Carried Forward</i>	<u>36,035,600</u>

(2) RECURRENT GRANT

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

(Continued)

1975		1976
\$		\$
30,239,149	<i>Sub-Total Brought Forward</i>	36,035,600
<i>Student Services</i>		
345,889	Salaries and Related Items	403,319
612,739	Scholarships	539,924
11,827	Other Items	17,370
<u>970,455</u>		<u>960,613</u>
<i>General Services</i>		
<i>Administration—</i>		
2,740,902	Salaries and Related Items	2,950,411
97,844	Computing Services	113,824
35,163	Other Items	91,382
<u>2,873,909</u>		<u>3,155,617</u>
<i>Overheads—</i>		
360,859	Postage, Telephone and Advertising	481,808
27,974	Furniture and Furnishings	92,592
525,720	Power, Lighting and Heating	629,135
388,562	Other Items	415,346
<u>1,303,115</u>		<u>1,618,881</u>
<i>Buildings and Grounds—</i>		
1,901,660	Salaries and Related Items	2,252,996
437,287	Maintenance	838,665
19,376	Other Items	34,347
<u>2,358,323</u>		<u>3,126,008</u>
<i>Public Services</i>		
<i>Continuing Education—</i>		
44,948	Salaries and Related Items	52,195
2,675	Other Items	5,140
<u>47,623</u>		<u>57,335</u>
44,488	<i>Union Administration</i>	50,338
<u>37,837,062</u>	<i>Total Expenditure</i>	<u>45,004,392</u>
1,310,936 (S)	Deficit for the year	340,392
542,445	Surplus at 1 January 1976	1,853,381
<u>1,853,381</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>1,512,989</u>

(3) BUILDING PROJECTS GRANT
STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
3,251,434	Commonwealth Government Grant	1,553,760
<u>3,251,434</u>	<i>Total Income</i>	<u>1,553,760</u>
	<i>Less</i>	
	EXPENDITURE	
	Teaching and Research—	
51,634	Equipment	102,951
3,392,716	New Buildings	646,106
259,867	Furniture and Furnishings	39,588
133,979	Site Development	101,882
<u>3,838,196</u>	<i>Total Expenditure</i>	<u>890,527</u>
586,762 (D)	Surplus for the year	663,233
1,124,287	Surplus at 1 January 1976	537,525
<u>537,525</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>1,200,758</u>

(4) EQUIPMENT GRANT

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
492,940	INCOME Commonwealth Government Grant	851,727
<u>492,940</u>	<i>Total Income</i>	<u>851,727</u>
	<i>Less</i>	
	EXPENDITURE	
	<i>Academic Activities</i>	
634,209	Teaching and Research— Equipment	467,018
	<i>Academic Services</i>	
26,964	Libraries—	
<u>—</u>	Books and Journals	42,308
26,964	Equipment	13,054
		<u>55,362</u>
173,412	Computing	36,578 Cr.
4,312	Other Academic Services	1,841 Cr.
<u>385</u>	<i>Student Services</i>	<u>—</u>
	<i>General Services</i>	
2,389	Administration	3,097
15,653	Buildings and Grounds	24,379
<u>18,042</u>		<u>27,476</u>
	<i>Public Services</i>	
524 Cr.	Continuing Education	1,610
<u>856,800</u>	<i>Total Expenditure</i>	<u>513,047</u>
363,860 (D)	Surplus for the year	338,680
370,313	Surplus at 1 January 1976	6,453
<u>6,453</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>345,133</u>

TEACHING HOSPITALS
(5) RECURRENT GRANT

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
249,000	Commonwealth Government Grant	178,000
<u>249,000</u>	<i>Total Income</i>	<u>178,000</u>
	<i>Less</i>	
	EXPENDITURE	
	<i>Academic Activities</i>	
116,422	Teaching and Research—	
132,578	Salaries and Related Items	—
	Maintenance	178,000
<u>249,000</u>	<i>Total Expenditure</i>	<u>178,000</u>
<u>—</u>	SURPLUS FOR THE YEAR	<u>—</u>

(6) BUILDING PROJECTS GRANT

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
6,667	State Government Grant	3,017
52,017	Commonwealth Government Grant	—
<u>58,684</u>	<i>Total Income</i>	<u>3,017</u>
	<i>Less</i>	
	EXPENDITURE	
8,000	New Buildings	49,927
48	Furniture and Furnishings	—
<u>8,048</u>	<i>Total Expenditure</i>	<u>49,927</u>
50,636 (S)	Deficit for the year	46,910
105,029	Surplus at 1 January 1976	155,665
<u>155,665</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>108,755</u>

(7) SPECIAL RESEARCH GRANT
 STATEMENT OF INCOME AND EXPENDITURE
 FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
326,168	INCOME	
	Commonwealth Government Grant	393,000
<u>326,168</u>	<i>Total Income</i>	<u>393,000</u>
	<i>Less</i>	
	EXPENDITURE	
	<i>Academic Activities</i>	
	Teaching and Research —	
335,569	Salaries and Related Items	378,750
36,287	Maintenance	4,982
1,738	Equipment	44
10,012	Other Items	9,085
<u>383,606</u>		<u>392,861</u>
	<i>General Services</i>	
500	Postage, Telephone and Advertising	139
<u>384,106</u>	<i>Total Expenditure</i>	<u>393,000</u>
57,938 (D)	Surplus for the year	—
57,938	Surplus at 1 January 1976	—
<u>—</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>—</u>

(8) PRIVATE AND INDIRECT GOVERNMENT RESEARCH GRANTS

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975 \$		1976 \$
841,985	INCOME	
	Commonwealth Government Grants	864,027
	Grants and Donations	
870,632	Government Financed Bodies	822,268
321,127	Other	465,181
1,191,759		1,287,449
2,033,744	<i>Total Income</i>	2,151,476
	<i>Less</i>	
	EXPENDITURE	
	<i>Academic Activities</i>	
	Teaching and Research—	
1,348,631	Salaries and Related Items	1,403,235
358,231	Maintenance	324,567
1,693	Computing Services	1,669
402,404	Equipment	210,485
50,299	Other Items	53,680
2,161,258		1,993,636
	<i>Academic Services</i>	
	Other Academic Services—	
88 Cr.	Salaries and Related Items	4,706
385	Other Items	962
297		5,668
	<i>Student Services</i>	
83,359	Scholarships	78,758
—	Other Items	19
83,359		78,777
	<i>General Services</i>	
1,417	Postage, Telephone and Advertising	4,236
351	Furniture and Furnishings	343
—	Buildings Maintenance	128
1,768		4,707
	<i>Public Services</i>	
	Continuing Education—	
7,384	Salaries and Related Items	—
1,044	Other Items	—
8,428		—
2,255,110	<i>Total Expenditure</i>	2,082,788
221,366 (D)	Surplus for the year	68,688
512,215	Surplus at 1 January 1976	290,849
290,849	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	359,537

(9) GENERAL DONATIONS
 STATEMENT OF INCOME AND EXPENDITURE
 FOR THE YEAR ENDED 31 DECEMBER 1976

1975 \$		1976 \$
	INCOME	
	Donations	
395,448	Government Financed Bodies	299,861
196,294	Other	281,628
591,742		581,489
	Appeals	
39,323	Library Books	34,437
180,879	Robert Blackwood Hall—Organ	35,657
2,451	Other	1,535
222,653		71,629
30,750	Other Income	41,767
845,145	<i>Total Income</i>	694,885
	<i>Less</i>	
	EXPENDITURE	
	<i>Academic Activities</i>	
	Teaching and Research—	
38,550	Salaries and Related Items	34,849
64,444	Maintenance	30,874
33,108	Equipment	32,798
39,907	Other Items	27,806
176,009		126,327
	<i>Academic Services</i>	
	Libraries—	
716	Salaries and Related Items	2,019
18,807	Books and Journals	18,626
2,998	Maintenance	581
344	Equipment	250
22,865		21,476
412	Computing	—
	Other Academic Services—	
22,839	Salaries and Related Items	15,700
797 Cr.	Other Items	657
22,042		16,357
221,328	<i>Sub-Total Carried Forward</i>	164,160

(9) GENERAL DONATIONS
 STATEMENT OF INCOME AND EXPENDITURE
 FOR THE YEAR ENDED 31 DECEMBER 1976
 (Continued)

1975		1976
\$		\$
221,328	<i>Sub-Total Brought Forward</i>	164,160
<hr/>		
	<i>Student Services</i>	
1,891	Salaries and Related Items	3,000
4,599	Scholarships	10,952
8,886	Other Items	8,593
<hr/>		<hr/>
15,376		22,545
<hr/>		
	<i>General Services</i>	
417	Furniture and Furnishings	13,560
3,104	Other Items	—
<hr/>		<hr/>
3,521		13,560
<hr/>		
513,377	Buildings and Grounds— New Buildings	313,566
<hr/>		
	<i>Public Services</i>	
—	Continuing Education—	
—	Salaries and Related Items	823
—	Other Items	1,869
<hr/>		<hr/>
—		2,692
<hr/>		
	<i>Other Items</i>	
4,138	Union Activities	1,032
120	Halls of Residence	265
17,588	Appeals—	
8,504	Robert Blackwood Hall—Organ	11,558
—	Religious Centre—Organ	880
—	Other	48
<hr/>		<hr/>
30,350		13,783
<hr/>		
783,952	<i>Total Expenditure</i>	530,306
<hr/>		
61,193	Surplus for the year	164,579
593,549	Surplus at 1 January 1976	655,602
<hr/>		
654,742		820,181
<hr/>		
	<i>Add</i>	
860	Prior Years' Adjustment	94,773
<hr/>		
655,602	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	914,954
<hr/>		

Note: Gifts in kind are detailed in Section 12 of this report.

(10) UNION ACTIVITIES

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975 \$		1976 \$
832,503	INCOME	
80,118	Union Fees	1,002,954
	Other	68,593
<u>912,621</u>	<i>Total Income</i>	<u>1,071,547</u>
	<i>Less</i>	
	EXPENDITURE	
164,176	Sports Association	224,750
118,204	Monash Association of Students	147,200
8,658	Monash Research Students Association	11,315
57,956	Clubs and Societies Council	78,132
69,620	Union Tuition and Courses	72,686
154,464	Union Building Management	200,536
206,204	Union Administration and Special Projects	272,286
	Business Activities—	
84,911	Catering—Operating Deficit	56,063
16,703 Cr.	Other—Operating Surplus	3,001 Cr.
68,208		53,062
<u>847,490</u>		<u>1,059,967</u>
	<i>Less</i>	
23,026	Contribution by University for use of facilities by staff	28,037
<u>824,464</u>	<i>Total Expenditure</i>	<u>1,031,930</u>
88,157	Surplus for the year	39,617
37,100 (D)	Surplus at 1 January 1976	51,057
<u>51,057</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>90,674</u>

(11) STUDENT ASSISTANCE FUND

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975 \$		1976 \$
185	INCOME	233
	<i>Less</i>	
44	EXPENDITURE	—
141	Surplus for the year	233
8,125	Surplus at 1 January 1976	7,406
<u>8,266</u>		<u>7,639</u>
	<i>Add</i>	
860 Dr.	Prior Years' Adjustment	44
<u>7,406</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>7,683</u>

(12) UNION DEVELOPMENT FUND
STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
276,960	Union Development Fees	333,471
79,243	Rentals and Other	92,589
<u>356,203</u>	<i>Total Income</i>	<u>426,060</u>
	<i>Less</i>	
	EXPENDITURE	
	<i>General Services</i>	
281,156	New Buildings	159,057
11,323	Furniture and Furnishings	38,454
64,961	Maintenance—Buildings	62,308
<u>357,440</u>		<u>259,819</u>
	<i>Other Items</i>	
5,528	Equipment	27,771
46,268	Occupancy Expense	44,982
7,499	Other	27,640
<u>59,295</u>		<u>100,393</u>
<u>416,735</u>	<i>Total Expenditure</i>	<u>360,212</u>
60,532 (D)	Surplus for the year	65,848
85,109	Surplus at 1 January 1976	24,577
<u>24,577</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>90,425</u>

(13) GENERAL AUXILIARY ACTIVITIES
 STATEMENT OF INCOME AND EXPENDITURE
 FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
1,035,763	INCOME	1,632,239
791,549	Outside Earnings	950,614
	Other Income	
<u>1,827,312</u>	<i>Total Income</i>	<u>2,582,853</u>
	<i>Less</i>	
	EXPENDITURE	
	<i>General Services</i>	
	Buildings and Grounds—	
643,454	New Buildings	531,050
117,135	Site Acquisition	20,290
30,000	Site Development	34,652
466	Maintenance	17,466
982	Other Items	1,221 Cr.
<u>792,037</u>		<u>602,237</u>
	<i>Other Items</i>	
25,271 Cr.	University Bookshop—Net Surplus	24,417 Cr.
133,799 Cr.	Halls of Residence—Net Deficit	78,763
	Non-Collegiate Flats—	
35,275	Equipment and Furniture	18,618
—	Net Surplus	5,900 Cr.
3,268 Cr.	Owned Houses and Transit Flats	4,961 Cr.
943,643	Outside Earnings	1,368,489
3,434 Cr.	Other	26,929 Cr.
<u>813,146</u>		<u>1,403,663</u>
<u>1,605,183</u>	<i>Total Expenditure</i>	<u>2,005,900</u>
222,129	Surplus for the year	576,953
1,624,959	Surplus at 1 January 1976	1,847,088
<u>1,847,088</u>		<u>2,424,041</u>
	<i>Less</i>	
—	Prior Years' Adjustment	94,817
<u>1,847,088</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>2,329,224</u>

(14) FIRE INSURANCE FUND
 STATEMENT OF INCOME AND EXPENDITURE
 FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
6,834	Income from Investments	8,375
	<i>Less</i>	
	EXPENDITURE	
—	Repair of Fire Damage	7,453
6,834	Surplus for the year	922
103,654	Surplus at 1 January 1976	110,488
110,488	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	111,410

(15) STATEMENT OF BALANCES FOR ALL GENERAL PURPOSES
AT 31 DECEMBER 1976

\$	1975 \$		\$	1976 \$
		ACCUMULATED FUNDS		
1,853,381		Recurrent Grant	1,512,989	
537,525		Building Projects Grant	1,200,758	
6,453		Equipment Grant	345,133	
—		Teaching Hospitals Recurrent Grant	—	
155,665		Teaching Hospitals Building Projects Grant	108,755	
—		Special Research Grant	—	
290,849		Private and Indirect Government Research Grants	359,537	
655,602		General Donations	914,954	
51,057		Union Activities	90,674	
7,406		Student Assistance Fund	7,683	
24,577		Union Development Fund	90,425	
1,847,088		General Auxiliary Activities	2,329,224	
110,488		Fire Insurance Fund	111,410	
	5,540,091	<i>Total Accumulated Funds</i>		7,071,542
		<i>Represented by:</i>		
		INVESTMENTS		
319,298		Fixed-Interest Securities, at lower of cost or par	294,298	
421,871		Ordinary Shares, at cost	468,660	
		(Market Value— 31 December 1976—\$383,117 31 December 1975—\$368,899)		
—		Mortgage Investment Trust Units, at cost	46,000	
	741,169			808,958
		CURRENT ASSETS		
22,058		Cash at Bank and on Hand	23,344	
800,000		Cash on Secured Deposits	500,000	
6,800,000		Cash on Term Deposits	9,000,000	
—		Australian Savings Bonds	100,000	
7,622,058			9,623,344	
		Debtors—		
251,676		Accrued Government Grants	402,000	
3,337		Student Assistance Fund	1,599	
733,632		Other	784,197	
652,750		Stock on Hand, at cost less obsolescence	803,457	
98,407		Payments in Advance	19,457	
	9,361,860			11,634,054
	10,103,029			12,443,012
		<i>Less</i>		
		CURRENT LIABILITIES		
13,475		Bank Overdraft	—	
3,018,890		Sundry Creditors and Accrued Expenses	3,723,208	
511,019		Students' Fees Received in Advance	647,243	
3,543,384			4,370,451	
		LONG TERM LIABILITIES		
1,019,554		Loans on Mortgage	1,001,019	
	4,562,938			5,371,470
	5,540,091	<i>Net Assets</i>		7,071,542

(16) DONOR-NOMINATED TRUST FUNDS
STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
6,036	INCOME	
	Income from Investments	6,457
	<i>Less</i>	
	EXPENDITURE	
800	Graham John Beard Memorial Fund	739
—	J. W. Dodds Memorial Scholarship	900
675	Vallejo Gantner Memorial Travel Fund	700
173	Oscar Mendelsohn Lecture	—
55	Monash University Rowing Club	54
72	W. P. and H. E. O'Shea Fund	—
50	The David B. Rosenthal Memorial Trust	50
2,060	Hume Turnbull Scholarship	500
1,763	William and Katherine Winter Foundation	2,400
5,648	<i>Total Expenditure</i>	5,343
388	SURPLUS FOR THE YEAR	1,114

BALANCE SHEET AT 31 DECEMBER 1976

1975		1976
\$		\$
98,203	ACCUMULATED FUNDS	
	Funds at 1 January 1976	99,091
	<i>Add</i>	
500	Endowment received during the year	500
388	Surplus for the year	1,114
99,091	<i>Total Accumulated Funds</i>	100,705
	<i>Represented by:</i>	
	INVESTMENTS	
1,000	Government Securities, at cost	1,000
60,978	Semi-Government Securities, at lower of cost or par	62,978
27,960	Fixed-Interest Securities, at lower of cost or par	27,960
2,917	Ordinary Shares at cost	2,993
	(Market Value	
	31 December 1976—\$2,426	
	31 December 1975—\$2,144)	
92,855		94,931
	CURRENT ASSETS	
—	Fixed Deposit Stock	5,700
6,236	Cash at Bank	74
6,236		5,774
99,091	<i>Total Assets</i>	100,705

(17) STUDENTS' LOAN FUND
STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
2,043	Interest on Loans	1,570
1,070	Interest on Fixed Deposits	287
286	Bank Interest	126
—	Donation	1
<u>3,399</u>	<i>Total Income</i>	<u>1,984</u>
	<i>Less</i>	
	EXPENDITURE	
	Nil	
<u>3,399</u>	SURPLUS FOR THE YEAR	<u>1,984</u>

BALANCE SHEET AT 31 DECEMBER 1976

1975		1976
\$		\$
	ACCUMULATED FUNDS	
130,527	Fund at 1 January 1976	133,926
	<i>Add</i>	
3,399	Surplus for the year	1,984
<u>133,926</u>	<i>Total Accumulated Funds</i>	<u>135,910</u>
	<i>Represented by:</i>	
	FIXED DEPOSITS	
10,000	Principal	—
497	Accrued Interest	—
<u>10,497</u>		<u>—</u>
	LOANS TO STUDENTS	
107,181	Long-term	119,695
6,686	Short-term	2,564
3,025	Accrued Interest	2,520
<u>116,892</u>		<u>124,779</u>
<u>6,537</u>	CASH AT BANK	<u>11,131</u>
<u>133,926</u>	<i>Assets</i>	<u>135,910</u>

(18) ASSISTANCE TO STUDENTS IN NEED FUND
STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
9,481	Interest on Fixed Deposits	9,293
528	Interest on Loans	555
324	Bank Interest	260
<u>10,333</u>	<i>Total Income</i>	<u>10,108</u>
	<i>Less</i>	
	EXPENDITURE	
8,616	Grants paid to Students during the year	6,418
49	Sundry Expenses	<u> </u>
<u>8,665</u>	<i>Total Expenditure</i>	<u>6,418</u>
<u>1,668</u>	SURPLUS FOR THE YEAR	<u>3,690</u>

BALANCE SHEET AT 31 DECEMBER 1976

1975		1976
\$		\$
	ACCUMULATED FUNDS	
160,174	Fund at 1 January 1976	161,842
1,668	Surplus for the year	3,690
<u>161,842</u>	<i>Total Accumulated Funds</i>	<u>165,532</u>
	<i>Represented by:</i>	
	FIXED DEPOSITS	
115,000	Principal	115,000
4,865	Accrued Interest	4,947
<u>119,865</u>		<u>119,947</u>
	LOANS TO STUDENTS	
34,428	Principal	25,136
580	Accrued Interest	776
<u>35,008</u>		<u>25,912</u>
6,969	CASH AT BANK	19,673
<u>161,842</u>	<i>Assets</i>	<u>165,532</u>

(19) SUPERANNUATION AND PENSION SCHEMES

STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 31 DECEMBER 1976

1975		1976
\$		\$
	INCOME	
393,192	Members' Contributions	464,236
658,740	University's Contributions	787,314
274,807	Income from Investments	500,482
108,222	Other Income	98,492
<u>1,434,961</u>	<i>Total Income</i>	<u>1,850,524</u>
	<i>Less</i>	
	EXPENDITURE	
121,835	Benefit Payments to Members	296,137
61,269	Payments on Withdrawal	113,970
777	Other Payments	667
<u>183,881</u>	<i>Total Expenditure</i>	<u>410,774</u>
1,251,080	Surplus for the year	1,439,750
2,749,660	Surplus at 1 January 1976	4,000,740
<u>4,000,740</u>	ACCUMULATED SURPLUS AT 31 DECEMBER 1976	<u>5,440,490</u>

BALANCE SHEET AT 31 DECEMBER 1976

(Excluding contributions applied as premiums to assurance policies effected under the Staff Superannuation Scheme)

1975		1976
\$		\$
<u>4,000,740</u>	ACCUMULATED FUNDS	
	Accumulated Surplus	<u>5,440,490</u>
	<i>Represented by:</i>	
	INVESTMENTS	
2,458,734	Fixed-Interest Securities, at lower of cost or par	3,442,161
1,077,734	Ordinary Shares, at cost (Market Value— 31 December 1976—\$1,209,975 31 December 1975—\$1,020,575)	1,321,417
404,913	Property and Mortgage Investment Trust Units, at cost	<u>559,913</u>
<u>3,941,381</u>		<u>5,323,491</u>
	CURRENT ASSETS	
69,152	University Current Account	136,321
	<i>Less</i>	
9,793 Cr.	Members' Contributions on hand at 31 December (awaiting remittance to life offices)	<u>19,322 Cr.</u>
<u>59,359</u>		
<u>4,000,740</u>	<i>Net Assets</i>	<u>5,440,490</u>



