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Report on the proceedings of the University for the year ended 31 December, 1979.

His Excellency,
Your Excellency,
The Council of the University of Melbourne has the honour, in accordance with Section 46 of the University Act 1958, to present the first part of its report on the proceedings of the University during the year 1979.
In addition to a general account of University activities, Part One of the Annual Report includes a statement of income and expenditure in respect of the General Fund as submitted for audit.
Part Two of the Annual Report, which will be issued later, will be the audited financial statements.
I have the honour to be, Sir, Your Excellency's most obedient servant,

OLIVER GILLARD
Chancellor
INTRODUCTION

The year 1979 was the first of a new triennium, after three years of uncertainty for universities when it had not been possible to plan for more than one year at a time. The re-establishment of the triennial system for recurrent grants by the States Grants (Tertiary Education Assistance) Act 1978, meant that planning three years ahead became possible once more. In spite of the fact that what was provided for 1979, 1980 and 1981 was progressive reductions in real support for university activities, the new legislation was seen as improving the general position. The lack of any support for buildings and capital works in this University, however, still causes deep concern.

Even if significant capital grants are made for the triennium 1982-1984, which seems somewhat unlikely, the general effect is that this University will not have had the benefit of any new building facilities for something like a decade. We have departments which have been in temporary accommodation for 40 years. We have large departments which are housed in old buildings now inadequate and unsafe. And we have large departments working in two, three, or four separate locations with no prospect of being grouped properly for functional efficiency.

Universities must plan for a long future and this University has done so. Sooner or later, the failure to provide for capital works will have to be paid for. In the end it will cost more to repair the consequences of financial decline than the money now saved by financial restrictions. Deterioration to a point which could require more expensive restoration than the community could afford must be avoided.

In some ways the year has been an unusual one. There have been many matters of great importance to the University and its future which have demanded close attention, but which have raised questions not yet resolved and brought consequences for change not yet clear. The Williams Report on Education and Training; the establishment of the Victorian Post-Secondary Education Commission and its early operations; proceedings in industrial jurisdictions with respect to the University's relations with its staff, both academic and general; the effects of the re-organization of the Tertiary Education Commission; and other matters of similar importance. Not least of those was, at the end of the year, the introduction of a Bill in the Victorian Parliament to amend the Post-Secondary Education Act 1978. That Bill, which appeared to provide for the re-organization of the college system as its primary purpose, was so misconceived in its application to the universities that it was difficult to understand how it could have been introduced without prior consultation with the universities. As the year closed, the four Victorian universities were preparing for discussions with the Government in the hope that the perceived dangers of the Bill might be avoided.

During the year, four students of the University petitioned the Visitor, His Excellency the Governor of Victoria, The Honourable Sir Henry Winneke, for declarations, with respect to a number of matters. The
prayers related to financial relations between the University, the Students' Representative Council and the Australian Union of Students, SRC affiliation with the AUS, and the position of several SRC office bearers. The Visitor decided not to grant any of the prayers in the petition. In his judgement the Visitor considered the 'features and limits of his jurisdiction' and the matters raised in the petition and decided not to grant the prayers either for want of jurisdiction, lack of facts to found the exercise of jurisdiction, or because of his discretion not to exercise jurisdiction where 'it would not be meet to make the declaration sought'. Arrangements are being made for the Visitor's judgement to be published.

Perhaps the most serious and immediate problem for this University is uncertainty about our future research workers. The nation's capacity to satisfy research needs depends upon universities being supported properly. The reduction since 1975 in the Commonwealth Government's support for research training awards for the best postgraduate students is causing alarm. The number of those awards in 1975 and 1976 was 900. The number was reduced to 800 in 1977 and since 1978 it has been 700. It needs to be increased. Further, the value of the awards has become inadequate in the light of inflation. In spite of financial restrictions and cramped conditions in some University departments, a wide range of research is being carried on in this University. More than 2,100 research students or postgraduate students are enrolled. Their success depends upon the work of the senior staff in research areas which are often not well understood by the community generally. Everyone of our 82 academic departments is engaged in research. The University's annual Research Report, in nearly 300 highly condensed pages, lists many hundreds of continuing research projects.

In April, the Chancellor, The Honourable Sir Oliver Gillard, became seriously ill. For most of the year he was unable to be active as Chancellor. The University is grateful to the Deputy Chancellor, Professor Emeritus R. D. Wright, who ably and generously performed the functions of Chancellor during the Chancellor's absence.

At the beginning of 1979, we welcomed a new Registrar, Mr J. B. Potter, who succeeded Mr A. T. J. Bell. Mr Bell became Registrar in 1968. During his term of office he made an important contribution to the development of the University's administrative systems in the face of increasing demands.

COUNCIL

The Honourable Sir Oliver Gillard was re-elected as Chancellor for a further 12 months. Professor Emeritus R. D. Wright and Rev. Dr J. D. McCaughey were re-elected for another year to the two positions of Deputy Chancellor. Unfortunately, because of illness, Sir Oliver was unable to act for much of 1979 and Council called upon Professor
Wright to perform the duties of Chancellor during his absence. In December the members of Council expressed their thanks, with acclamation, to Professor Wright for carrying out these duties.

Ms Maureen O'Brien replaced Mr D. Hogan as President of the Students' Representative Council on 1 December, 1979, and accordingly assumed the ex-officio position on Council from that date.

Following the resignation of Dr P. G. Law as a representative of the graduates, Dr J. I. Hayward was elected in April as his replacement.

Mr J. P. Ryan was elected as a representative of the academic staff, other than professors, to replace Dr J. W. Watson (who resigned at the end of 1978) for the term expiring 16 December, 1979.

Following the resignation of Mrs M. Russell-Smith and Rev. Dr L. L. Morris, the Rev. Dr J. D. McCaughey and Sister Elizabeth Nowotny were co-opted to Council under Section 5(1)(g) of the University Act (co-option of heads of affiliated colleges). In consequence of this action, The Right Hon. Sir Ninian Stephen was co-opted to the resultant vacant position (vacated by Rev. Dr McCaughey) under Section 5(1)(h) of the University Act.

The Hon. B. A. Chamberlain joined Council as replacement for the Hon. S. E. Gleeson under Section 5(1)(a)(i) of the Act while Mrs J. T. Patrick replaced Mr I. F. McLaren under Section 5(1)(a)(ii).

At its December meeting Council expressed its appreciation for their service to the following retiring members: Rev. Dr J. D. McCaughey, Mr J. C. Habersberger, Professor L. K. Stevens, Mr N. W. Archbold, Mr J. Nieuwenhuizen, Mr D. S. Wishart.

THE PROFessORS

The following professors took up their appointments to Chairs during 1979: Professor W. F. Budd (Meteorology), Professor J. B. Evans (Mining and Metallurgy), Professor M. Manion (Fine Arts), Professor T. A. O'Donnell (Inorganic Chemistry), Professor A. Powell (research in Economics) and Professor C. B. Schedvin (Economic History).

Professor P. W. Whitton returned to the University as Deputy Vice-Chancellor and a professor.

Professor R. F. Henderson (Institute of Applied Economic and Social Research) retired at the end of September, 1979, and Professor G. F. Loughlin (Music) retired at the end of the year.

THE ACADEMIC BOARD

Professor K. V. F. Jubb was elected Chairman of the Academic Board for 1979, Professor H. F. Simon as Vice-Chairman and Professor L. K. Stevens as Deputy Vice-Chairman.

It was decided that the Academic Board would assume responsibility from 1 January, 1980 for continuing education courses and public
lectures, which had previously been the responsibility of the Coun-
cil's Continuing Education Committee.

Regulation 3.3 was substantially revised to provide for a faculty or
board of studies, instead of the Academic Board, to determine the
admission of persons seeking admission with credit or with standing
to courses supervised by the faculty or board of studies.

Following the revision of the University's general and special prin-
ciples of selection for entry to first-year undergraduate courses in
1978, principles of selection were prepared for entry to second and
later years of undergraduate courses and the preparation of prin-
ciples of selection for entry to postgraduate courses began.

Procedures were established for appeals by students against exami-
nation results and a review sub-committee of the Doctor of Philos-
ophy Committee was established to hear problems and complaints
from PhD students and, where possible and appropriate, to take
steps to resolve the difficulties.

GRADUATES OF THE UNIVERSITY
AND THE GRADUATE COMMITTEE

Mr T. P. Bruce was re-elected President of the Graduates of the
University for a further year.

The annual Ordinary Meeting of the Graduates was held on Friday,
23 March, 1979. The meeting was attended by approximately 100
graduates and friends and was addressed by Senator J. N. Button on
the topic "Universities in 1979".

A Special Meeting of the Graduates was held on Friday, 24 August,
1979 to consider the role of the Graduates and the Graduate Com-
mittee in the University's affairs, and the desirability of change in the
description or name of the Committee. This meeting resolved to
request Council to arrange for the name of the Graduate Committee
to be changed to Standing Committee of Convocation. The meeting
also resolved to suggest that Council seek to have the University Act
amended to substitute for the title President of the Graduates, the
title Warden of Convocation. In response to a further request from
this special meeting, the University Council in October appointed a
committee of five to explore new ways of increasing contact between
the University and the graduates.

The Graduate Committee held 10 ordinary meetings during the year
and 82 items of legislation were considered. At nine of these meet-
ings the Committee was addressed by guest speakers on matters of
interest to the University community. During the year members
enjoyed visits to Miegunyah, the University Gallery and the Medical
History Museum.

Following the resignation of Dr P. G. Law as a representative of the
graduates on Council, Dr J. I. Hayward was elected in April as his
replacement. Subsequently Dr K. J. Grice was elected to fill the casual vacancy in the representatives of graduates in Medicine on the Graduate Committee. In 1979, 23 members completed their terms of office on 16 December. The resulting elections saw three new members join the Committee for the new four-year term beginning 17 December, 1979: Mr D. M. Dodd (Economics and Commerce), Professor Emeritus C. E. Moorhouse (Engineering), and Mr G. A. Richards (Science).

THE FACULTIES

AGRICULTURE AND FORESTRY  
*Dean: Mr J. H. Chinner*

The affiliation of the Creswick School of Forestry with the University of Melbourne was seen as the major academic development in the Faculty during 1979, and as an important step for tertiary forestry education in Australia. The Creswick Diploma of Forestry will now be phased out, and two of the four years of the University’s Bachelor of Forest Science will be conducted at Creswick, beginning in 1980. A Chair in Forestry is provided for, with an expansion of the academic staff in Forestry from three to nine.

The location of two years of the four-year course in a field situation, set among a wide range of forest ecosystems and forestry activities, will greatly strengthen the professional and environmental aspects of teaching and research in forestry. The Faculty is indebted to the many University staff and committees, and to the Forests Commission of Victoria, for their collaboration in achieving this result.

The pattern of enrolment for 1979 was little changed from the previous year. Student enrolments were Bachelor of Agricultural Science (222); Bachelor of Forest Science (63); Diploma of Agricultural Extension (8); Master Degree (48); and Degree of Doctor of Philosophy (17). Pass rates at the 1979 undergraduate examinations ranged from 75 per cent to 100 per cent.

In 1979, Faculty noted a number of retirements due in the next few years from senior staff members teaching plant sciences, including forestry, in the University. Faculty decided to appoint a committee of leading academics in these areas, from other Australian universities, to conduct a review. Terms of reference were established with the objective of ‘achieving high scholarly objectives and the most efficient use of University resources’. The following were invited to serve on this Review Committee, and agreed to act: Professor F. L. Milthorpe, Professor of Biology, Macquarie University (Chairman); Professor G. C. Wade, Professor of Agricultural Science, University of Tasmania; and Professor A. B. Wardrop, Professor of Botany, La Trobe University.
The Committee received 13 written submissions and spent three days interviewing interested parties and inspecting facilities, both at Parkville and Mt Derrimut. Their report has now been received and will be considered by Faculty and reported to the Joint Committee on Policy. Faculty continued to attract major grants from industry research funds, direct from industry and from government rural research granting bodies.

Throughout most of its 37 years, Forestry has been housed in not less than three scattered and generally temporary locations. That component which has been housed in 'Old Physics' for some years has now been relocated in Tin Alley and the old 'Agriculture' building, and updating of these new locations is scheduled to begin in 1980. The gradual concentration of Faculty into one area is important to efficient operation and the development of the concept of the School of Agriculture and Forestry. A significant extension to the Plant Sciences research centre at Mt Derrimut has resulted from a further allocation of funds from the Brumley Bequest and a grant from the Victorian Wheat Research Committee.

For 20 years, research in plant sciences has been greatly enhanced by our phytotron, which is a module of the CSIRO 'Ceres' complex. It has been a powerful research tool, with good energy budgeting. It had reached a stage calling for complete overhaul and modernizing. We are pleased to acknowledge an allocation of $63,000 from the University's Equipment Grant to restore the unit and give it a probable useful life of another 15-20 years.

The Faculty's commitment to the Australian-Asian Universities' Co-operation Scheme programme is reflected in a New Development Grant reported in 1979. Dr J. H. G. Holmes has now been appointed Senior Lecturer in Overseas Agriculture (Animal Production) and plans for active developments in postgraduate studies in this field are being generated by Dr Holmes and Professor Tulloh who is Chairman/Convenor of a new Faculty Committee on Overseas Agriculture.

During 1979 Professor Tribe accepted the full-time appointment of Director of the Australian-Asian Universities' Co-operation Scheme. Professor Tulloh's half-time appointment as Academic Director of the Scheme will terminate when Professor Tribe takes office. Professor Tribe's long association with the University has marked important academic developments and growth in this Faculty. His resignation is a great loss to the Faculty, but we are pleased that our Faculty's contribution to this programme has been recognized by Professor Tulloh's, and now Professor Tribe's, involvement in this important regional commitment.

In 1979, Professor Stubbs was elected as President of the Royal Society of Victoria, and Professor Tribe was elected President of the Australian Institute of Agricultural Science (Victorian Branch) while Dr A. S. Watson has been elected Federal President of the Australian Agricultural Economics Society and Dr L. A. Douglas has been
elected President of the Australian Society of Soil Science (Victorian Branch).

Dr G. D. Hutson has been appointed Warden of Mt Derrimut House in succession to Dr M. J. Dalling, who has served the Faculty in this position over the past three years.

ARCHITECTURE, BUILDING AND TOWN & REGIONAL PLANNING

Dean: Professor A. Rodger

Throughout 1979, the Faculty has continued to review its courses in both the undergraduate and postgraduate areas. Attention has also been directed towards the development of further masters degrees involving some course work which would enable postgraduate students to undertake studies in the departments of the Faculty. In the undergraduate area Faculty continued to consolidate small subjects into larger units. The introduction of a Policy Working Group comprising the professors and chairmen of the departments has operated successfully as a body to formulate academic innovations.

Directives to reduce total student load in 1977 and 1978 resulted in the student load of the Faculty being reduced to 503 WSU (Weighted Student Units) in 1979 against the target of 520 WSU. A trend in terms of student numbers has been the slight reduction in demand for places in the first year of the Faculty's degree courses. This pattern may reflect reduced activity in the professional and industrial areas with which the Faculty's activities are associated. Relatively high cut-off scores have been maintained for each of the courses.

During the year, Council approved the Faculty recommendation to delete the requirement that candidates for the degree of Bachelor of Architecture spend a period of 12 months acquiring practical experience. The deletion of this requirement was in response to changed employment opportunities and to changed requirements of the Architects' Registration Board of Victoria. Its effect will be to reduce by one year the duration of the course.

The second year of the Master of Urban Planning course was introduced in 1979 and the first graduates of this degree are expected early in 1980. Following a visit from the Royal Australian Planning Institute, the Faculty was advised that the Institute agreed to recognize the degrees Bachelor of Town and Regional Planning and Master of Urban Planning for the purposes of membership of the Institute. The Royal Australian Institute of Architects visited the Department of Architecture and Building and was shown a wide range of student work. The Institute continues to recognize the degree for the purposes of membership.

The Faculty welcomed the acceptance by Professor Graham Brawn of the offer of appointment to a Chair in Architecture. Professor Brawn, who has been in the forefront of the development of pre-design planning, takes up his appointment in February 1980.
Professor F. W. Ledgar, who has held the Chair of Town and Regional Planning since 1970, announced during the year that he proposed to leave the University in mid-1980 under the early retirement provisions. Professor Ledgar was instrumental in the development of the Department of Town and Regional Planning and of the degrees of Bachelor of Town and Regional Planning and Master of Urban Planning and was Dean of the present Faculty from 1975 to 1978. During the year, it was announced that Professor Ledgar had been made an Honorary Life Fellow of the Royal Australian Planning Institute in recognition of his service to planning in Australia.

A major special equipment allocation enabled the fitting out of first year Architecture and Building studios and second, third and fourth year Building studios with two-person drafting/lay-out units. The units, designed by staff to meet special teaching requirements, greatly improved the teaching facilities. Additional special funds are available in 1980 to further this re-equipping programme. The units have been well-received by staff and students and their existence has encouraged more intensive teaching and work programmes in the studios.

Accommodation planning has assumed high priority throughout the year in view of increasing pressure on space.

The two departments of the Faculty sponsored visits from a wide range of distinguished academic and professional visitors, 16 from overseas, eight from interstate and a large number from Victoria and Melbourne. The visitors added greatly to the intellectual excitement in the Faculty.

Staff have assisted students in the Department of Town and Regional Planning with the publication of a regular planning journal Polis and two members of staff in the Department of Architecture and Building, Mr J. D. Watson and Mr P. H. M. Williams, have acted as editors of Architecture Australia and The Chartered Builder, respectively.

Research activities continued to be encouraged using Faculty funds and externally funded research projects have continued. Principal among these were projects funded by the Australian Housing Research Council and the Heritage Commission.

A substantial accomplishment of the year was in the strengthening of the links between the departments and the four professional institutes to which most of the Faculty graduates seek membership. This has been reflected in the greatly increased number of professional visitors to the Faculty and is partly a result of course restructuring which has increased the emphasis on the theoretical and practical aspects of architecture, building and planning.

ARTS  Dean: Mr E. A. Huck

In 1979, the problem facing the Faculty remained as before: how to cultivate the intellectual virtues under conditions of genteel poverty. The balance of conservation and innovation which is the sign of a
lively Faculty requires constant adjustment and constant Faculty debate. The Faculty's committees, far from being simply bureaucratic devices, are the prime arena for these arguments and in 1979 several changes were made in the formal committee structure. A new Undergraduate Studies Committee was established and the charter of the Faculty Research and Graduate Studies Committee was extended. Many problems remain in the budgetary handling of courses which do not have a single departmental base. These, nevertheless, have provided some of the more interesting innovations in some years. The Special Studies Programme in first year, which provides small-group teaching for selected students, was continued in 1979 and scrutinized in great detail by an Evaluation Committee directed from the Centre for the Study of Higher Education. The programme will continue in 1980 and arrangements have also been made to continue the Faculty course in Drama beyond its period of new development funding. Faculty also approved combinations of Asian Studies courses on an interdepartmental basis.

Within departments, a new pattern of seminar teaching was launched in English II and III; the new two-year honours programme in History and the new Postgraduate Diploma in German were also inaugurated. The clinical neuropsychology programme has been reviewed by the distinguished psychologist Professor Roger Russell and his recommendations will be considered early in 1980. A major new programme in policy studies has been inaugurated with support from a new development grant. An advisory committee has been established to guide the programme and report on it to Faculty.

The research activities of the Faculty continued to be widely diversified. The Faculty attracted a substantial proportion of the University's Australian Research Grants Committee's grants; most of the applications for new grants were successful and some 16 were renewed. In addition, departments oriented to the social sciences have increasingly obtained funds from other sources, Education Research and Development Committee, medical foundations and other bodies interested in social aspects of research.

The increase in the number of research assistants and associates has unfortunately not helped the accommodation problems of the Faculty. The Medley Building, Old Arts and Babel offer little flexibility in accommodation and the Department of Psychology continues to be housed in an unsatisfactory way in a number of different buildings.

The Faculty's requirement for sophisticated equipment has again been illustrated in the development of the Acoustic Phonetics Laboratory in The Horwood Language Centre, and the reclassification of slides in the Fine Arts Department on the basis of the Fogg Museum classification, a system which facilitates automation.

The Faculty continued to be deeply concerned with the problems of the Baillieu Library. Questions of general funding and allocation, particularly monograph allocation have been continually discussed within the Users Committee and with the library staff. The Faculty is
acutely aware of the difficulties facing the Baillieu but, as a major user, it feels it must be closely involved in their solution.

In academic staffing, the main area of contention continued to be the University’s policy on fixed-term appointments. The larger departments, in particular, with a number of fixed-term appointments, found that, apart from the problems in individual cases, uncertainties in the composition of staff made forward planning very difficult. The Faculty made a substantial submission to the committee reviewing University policy on fixed-term appointments.

In a Faculty as large as Arts, the distribution of students among courses and years is a very complex matter. Enrolment patterns are under regular review and the Faculty endeavours to respond to changes in demand within the limits of its resources. Several studies are under way on deferment and completion rates and the results of these should be available in 1980.

The Herald Chair of Fine Arts was filled by Dr Margaret Manion and the Chair of Middle Eastern Studies is expected to be filled in 1980. Professor Geoffrey Blainey was appointed Chairman of the Australia China Council. Dr Patricia Clancy became a member of the Académie des Sciences, Belles-Lettres et Arts de Rouen. Professor A. F. Davies has accepted an appointment to the Harvard Visiting Chair in Australian Studies in 1980. Mr Arthur Gardiner became a Companion of the Imperial Service Order. Professor J. Power was a member of the Board of Review into local government in Victoria throughout 1979. Professor R. W. Home became a Fellow of the Royal Society of Arts.

The Faculty learned with regret of the death of Professor Emeritus Maxwell and of the accidental deaths of two staff members, Dr Don Mackay and Dr Pat Brotherton.

The year also saw the retirement of Miss Hope Reilly after many years’ service to the Faculty.

DENTAL SCIENCE  Dean: Professor P. C. Reade

For a number of reasons 1979 has been a difficult year for the Faculty although some significant progress has been achieved in the redevelopment of the undergraduate course. The main areas of difficulty were in adjustment to the lack of expectation of any expansion of the Faculty, financial restraints resulting from the stringent financial restrictions imposed on The Royal Dental Hospital of Melbourne, to which reference was made in the last Annual Report, which imposed definite limits on the clinical facilities available in certain teaching areas, and redevelopment of the planning of the undergraduate
course to accommodate the needs of both academic achievement and clinical proficiency within the time limit of the course.

Very keen competition for entry to the undergraduate course continued and the first-year quota was filled with a cut-off score of 318. The general pass rate in the various years of the undergraduate course was good.

The new first-year subject of Dental Studies I, including segments of Social Studies, Bio-statistics, Introductory Preventive Dentistry and Community Dental Health, Introductory Clinical Dental Science, Growth Studies and Dental Materials Science, began in 1979. Reaction from students was extremely encouraging and it is planned to develop the basic concepts of this subject into later years of the course.

The development of audio-visual facilities, provided under a special New Development Grant, continued during the year and a useful collection of audio-visual tapes is now in use by both teachers and students. Research has continued in a number of areas, such as bone growth, effects of fluorides, community studies, oral microbiology, dietary studies, the biological functions of epidermal growth factor, the immunology and clinical aspects of tooth grafts, drug induced oral mucous membrane diseases, experimental infective endocarditis, oral cancer, factors affecting salivary immunoglobulin A levels, orofacial pain, biological dental materials, oral physiology, temporomandibular joint, and cleft palate care. Attention must be drawn to the difficult situation in which research is undertaken through limited technical assistance and the demands of clinical teaching.

Major Grants were received during the year from the following bodies: N.H. and M.R.C. of Australia, Rowden White Foundation, Victorian Dairy Industry Association. Major items of equipment obtained during the year were Atomic Absorption Spectrometer and Electroencephalogram and Polygraph.

The lack of implementation of expansion proposals had an effect on building planning as well as on staffing plans and no major University building developments were possible. However, minor re-design of seminar rooms and meeting rooms meant that a more efficient use of existing space was possible and it was pleasing to note during the year that The Royal Dental Hospital of Melbourne was able to complete the conversion of the dental units in the main University conservative dentistry teaching area on the second floor to a standardized modern design.

While the numbers of staff and students have remained relatively constant for some years, teaching problems have become apparent with the increasing complexity of knowledge in dentistry and the demand for training and competence in sophisticated new techniques and procedures by the new graduate. Members of the Faculty have expressed the strong view that following graduation a limited period of internship under supervision is necessary before a recent gradu-
ate is registered to be fully responsible for all aspects of dental practice.

Although the various professional bodies have been aware for some years of this view of members of the Faculty and have expressed support for its principles, a request that it be implemented has brought a disappointing reaction from some members of the profession and discussions are proceeding with a view to resolving this matter. It is not yet clear how the demands of the profession for specialized clinical training and practice in the course can be reconciled with the need to provide adequate scientifically-based knowledge, especially taking into account the fact that the requirements of the General Dental Council of Great Britain, which are used as the basis for registration in that country and in Australia, are for 5,000 hours of teaching in the undergraduate course with a high proportion of clinical work.

During the year it was confirmed that a review of the academic activities of the Faculty would be undertaken by the Joint Committee on Policy and it is hoped that answers to some of these problems can be found as a result of this review.

The Faculty is planning a redevelopment of the first three years of the undergraduate course following the introduction of Dental Studies I into the first year and it is hoped that changes to the second year can be implemented to begin in 1981. The Faculty is also considering the development of continuing education courses and the introduction of graduate diplomas.

ECONOMICS AND COMMERCE  Dean: Professor L. R. Webb

The Faculty carried out its teaching and research programme in 1979, including the introduction of some new courses and the establishment of major new research projects, in an atmosphere which, at least for the first half of the year, was subject to a good deal of uncertainty and anxiety because of budgetary problems. These problems followed a period during which the Faculty had unusually large amounts of unplanned saving arising from vacant positions, particularly Chairs. It was necessary, both in respect of 1979 and also in relation to planning for 1980, to ask departments to accept substantial cuts in their budgets. With the co-operation of all departments, the budgetary problems were resolved by the end of the first term and the Executive-Budgets Committee was able to resume its normal activities.

Demand for places in the Faculty's courses continued at high levels. In particular, courses in the areas of Accounting and Legal Studies, and in the masters course in Business Administration, were under pressure. In the Department of Legal Studies, about 40 students were excluded by quotas from Commercial Law C.
In 1979, the Faculty's revised regulation for honours courses came into operation. Previously, certain courses had been restricted to honours students and in turn, honours students' choices were restricted. In 1979, almost all third-year offerings were available to all students. Units which were formerly restricted to honours students have had increased enrolments and student performances have been encouraging.

A new unit, Quantitative Methods, involving co-operation between the Departments of Accounting and Economics, was introduced in 1979 and was most successful, both in terms of enrolment and student performance. Other examples of inter-departmental co-operation were the new unit in Industrial Relations — Labour History — which was offered by the Department of Economics with a contribution from the Department of Economic History, the History of Economic Thought (Economics and Economic History) and certain Advanced Management Education courses (Economics and Graduate School of Business Administration). In the Department of Legal Studies the pressure placed on the Department's resources by undergraduate enrolments forced the Department to withdraw its Master of Commerce (Preliminary) units for the year and also to hold in abeyance a proposal which had been developed under the new honours degree regulation for an honours subject.

During 1979 the Faculty undertook a major review of its teaching in quantitative subjects and developed a proposal to make substantial use of computers in its teaching in accounting, econometrics, statistical method and certain subjects in business administration. Preliminary proposals were presented to the University for the Triennium 1982-1984. Submissions were also made to the Central Budgets Committee for funds for the purchase of terminals and other computer-related equipment. A Discretionary Fund allocation was received to support the development in 1980. Following the resolution of remaining problems in the areas of staff development, acquisition and accommodation of equipment, and the funding of the recurrent costs of computer terminal usage, the Faculty expects to begin a substantial programme of computer-related teaching in 1981.

Professor A. A. Powell took up his appointment to the Ritchie Chair of research in Economics during the year. At the same time the Commonwealth negotiated an agreement with the University of Melbourne under which Professor Powell will continue to be responsible for the basic research and development of the IMPACT project. The project is designed to facilitate the analysis of the impact of economic, demographic and social changes on the structure of the Australian economy. The agreement with the Commonwealth provides for a research unit to be housed at the University of Melbourne.

One of the major new research developments in the Faculty was the study of the Asian Business Environment financed by a General Development Grant. A substantial programme based on interviews with businessmen in Australia and South-East Asia was initiated.
In the Institute of Applied Economic and Social Research, the *Australian Economic Review* completed its 12th year of publication, including a special book-length number which reported the results of a conference on Australian economic policy held by the Institute in 1978. The Institute's 10th work in its monograph series was published under the title *Public Expenditures and Social Policy in Australia — The Whitlam Years 1972-1975*.

The Institute also completed a major project for the Victorian Ministry of Water Resources and Water Supply on the economic aspects of the use of water resources in the salt-affected Kerang region. An international conference on consumer behaviour was organized with participants from several overseas countries. The Institute continued its major project on medium and long-term economic analysis and forecasting. This project produced its first major publication in the form of a book entitled *Population, Immigration and the Australian Economy*. A new series of publications, *Econometric Technical Papers*, was launched to publish the equations and data of the Institute's multi-purpose model.

In the Department of Economics, research continued on projects variously funded by the ARGC, the Reserve Bank and the Australian Wool Corporation on the wool industry, air transport in Australia, investment decision-making procedures and the causes and effects of Australia's inflation since the Second World War. A new ARGC grant was received for 1980 for a study of demand for, and supply of, certain professional services.

During the year, the Faculty successfully applied for a Research Development Grant. The first year of the Grant will be available in 1980. It is expected that the grant will be used to support, among other projects, overseas field work by postgraduate students.

The major acquisitions of equipment by the Faculty during 1979 were in the areas of word processing, computer terminals and photocopiers. The Institute in particular benefited from the installation of six word processing and data entry terminals and printers. The Department of Regional and Urban Economic Studies, after consultation with the Educational Technology Section and The Horwood Language Centre, prepared a programme for replacing the audio-visual equipment in the Department's laboratory.

Early in 1979, the programme initiated in 1978 for a sub-division of professors' rooms was completed. As a result, it was possible during 1979 to accommodate all teaching members of the Faculty in separate rooms. Overall, the Faculty's accommodation remains deficient by University standards. Not only are some staff rooms inadequate but it is necessary to accommodate photocopiers and other equipment in corridors rather than in rooms. The Faculty's proposed development of computer-related teaching will create further accommodation difficulties.

During the year, the Faculty also considered ways to relieve its accommodation problems by using off-campus buildings in Barry.
Street. Use of this accommodation by the Graduate School of Business Administration is being investigated.

Professor C. B. Schedvin took up his appointment as Professor of Economic History during the year.

The inaugural appointment was made to the Downing Memorial Fellowship in Social Economics. Professor Martin Rein, of the Massachusetts Institute of Technology, is expected to take up his appointment from May to July, 1980.

In September, Professor R. F. Henderson, Foundation Director of the Institute of Applied Economic and Social Research, resigned. Professor Henderson was awarded the title of Professor Emeritus by the University and continues as a Senior Associate in the Institute where he is actively engaged in supervising a research project. The Faculty's cartographer, and longest-serving member, Miss Joyce Wood, also retired during the year.

A most successful appeal to establish a fund to commemorate the contribution to the Faculty of Associate Professor Jean Polglaze, who died in 1978, was conducted during the year.

**EDUCATION**

Dean: Professor K. C. Lee Dow

In recent *Annual Reports*, the Faculty has warned of the need for wise management across Victoria in handling the implications of the inevitable decline in demand for teachers. Of course it should be remembered that as recently as 1975 not only were all exit students from universities and colleges readily employed, but as well many hundreds of overseas teachers were recruited for Victoria.

During 1979 clear policies were formulated for teacher education in this University, and these policies were expounded in the Submission which the Council forwarded both to the National Inquiry into Teacher Education and to the Victorian Enquiry into Teacher Education. This University submission was attached to the submission to the Universities Council for the 1982-84 Triennium, and was reproduced for wide circulation as an Occasional Paper (No. 10 of 8 August, 1979), 'because of the importance of the matters dealt with for the University as a whole'.

The University emphasizes that it sees its role in teacher education in a broad perspective. Its involvement goes beyond the Faculty of Education to embrace many faculties at a series of levels, and it includes informal programmes and contracts of many kinds. The submission states: 'Recognizing the Faculty of Education as a central focus in the University's contacts with schools, this University would not support proposals which would reduce disproportionately the scope of teacher education activities in the large established universities in Australia. Despite the pressures to minimize commitments at a time when other tertiary institutions appear to show
surplus capacity, the large universities should resist the temptation to single out education as a field for withdrawal'. That conclusion is reached from a recognition of the extensive interaction which the University has with the general community through the network of secondary schools. This interaction with teachers, school principals and other educational leaders offers the community an important means of access to the expertise and experience of the University. This means of access comes, of course, not only from the preparation of teachers and the relationships thereby established and frequently maintained over many decades, but as well from other educational involvements of university personnel in the wider community.

To withdraw from such involvements could mean, in future generations, that those responsible for the policies and planning of education lack affection for, and understanding of, the role of the largest and longest established University. By seeking to avert this eventuality, the University demonstrates to a community evincing concern with declining standards, a sensitivity to its responsibility to continue to make a significant contribution to education in Victoria.

The student load target for the Faculty has remained constant over the past four years and the projected target remains unchanged for the next three years. Although actual enrolment numbers show a normal fluctuation, the size of the Faculty is stable. This is reflected in the numbers of successful completions for the Diploma, the Bachelor degree and Master degree. In 1979, these numbers were respectively 151, 69 and 22. These are very close to the mean numbers over the past four years, which are respectively 158, 67 and 22. Two Doctorates were conferred in 1979.

The 1978 Theodore Fink Memorial Seminar had been deferred until the publication of the Report of the Committee of Inquiry into Education and Training. In April 1979, the Chairman of that Committee, Professor B. R. Williams, delivered a public lecture entitled 'The New Arithmetic of Education' and led two invited seminars on aspects of the Report. The twenty-third Theodore Fink Memorial Seminar was held in November, 1979, and led by Professor K. S. Inglis. As former Vice-Chancellor of the University of Papua New Guinea, his lecture and seminar was entitled: 'University on the Frontier: the first 10 years of higher education in Papua New Guinea'.

In recognition of the twenty-first anniversary of the Faculty's annual publication, Melbourne Studies in Education, a detailed index of all contributions which have appeared since the first issue was included in this volume.

After a continuous full-time association with the Faculty for the past 30 years, Dr E. L. French retired. From 1966 he held an appointment as Reader in Education. During the year, Professor K. B. Start and Dr I. V. Hansen were elected to Fellowship of the Australian College of Education. Professor Start also received an invitation from the Chinese Government to conduct lectures and seminar workshops at
teacher education institutes in Peking. With the agreement of the University, Professor Kwong Lee Dow was reappointed to a second term as Chairman of the Victorian Institute of Secondary Education. During the year he was also appointed to membership of a consultative committee established by the Victorian Minister of Education to advise on aims, objectives, structures and strategies to guide future development of the Education Department of Victoria.

Activities within the Centre for the Study of Higher Education have been extended with the additional appointment of a Reader. Following completion of work for the Williams Committee, Professor Beswick has led an investigation funded by and on behalf of the National Inquiry into Teacher Education.

The Australian Research Grants Committee is funding a project team led by Mr John Anwyl studying 'the social and educational role and values of Australian academics'.

A videotape, Parental Behaviour of Fish, produced by the Centre in conjunction with the Department of Zoology, received a commendation from the Television Society of Australia for closed-circuit educational television.

ENGINEERING  
Dean: Professor L. K. Stevens

The Faculty of Engineering entered 1979 in a sound condition but with due recognition of the problems facing tertiary technical education and of the necessity to plan for the future. Therefore, in addition to the usual teaching and research activities, considerable effort has been directed towards planning course changes, restructuring of departments, rationalization of use of resources and fostering of interaction with industry.

The adequacy of finance for the Faculty's future commitments is of serious concern. Although there appears to be some prospect for improvement in total undergraduate student numbers, the continued decline in postgraduate numbers could have serious consequences for the capacity to carry out research and also for the Faculty's weighted student units, on which it depends for finance under the current budgetary system.

Although the cut-off score for the student entry to the Faculty remains low, this reflects an extended tail to the distribution and there are many very high scoring students entering engineering. Motivation appears to have approved and the first year pass rate has shown an encouraging increase after several poor years.

Employment prospects for students in most discipline areas are now generally good and good quality graduates have no difficulty in finding suitable jobs.

The Chair of Metallurgy was filled in 1979 and Professor J. B. Evans has been particularly active and effective in obtaining the support of
industry and government in planning the future activities of the Department of Mining and Metallurgy. The Chair of Mechanical Engineering remained unfilled in 1979 but the Department has been highly successful in attracting research support, particularly in the energy area.

The Faculty and the University endorsed the continuation of the Chair of Agricultural Engineering which is to become vacant on the retirement of Professor C. G. E. Downing in April, 1980. Substantial revisions have been made to the agricultural engineering course under his direction and a high level of external support has continued for research projects. Excellent rapport exists with government departments and with industry.

In addition to course changes in agricultural engineering, major changes were successfully introduced into the surveying and electrical engineering courses in 1979 and detailed planning has proceeded for major changes to the mining and metallurgy courses.

The Faculty was fortunate to obtain substantial additions to its accommodation in the last major building programme completed in the University in 1976. However, significant deficiencies still exist and there are serious accommodation problems in several departments. Major efforts are being made to renovate older buildings and to improve the existing facilities within a long-term master plan.

The low turn-over of staff and the requirements for limited tenure appointments are leading to problems in maintaining an appropriate staffing structure. Limited tenure appointments often do not attract suitable applicants and those appointed frequently leave for more attractive positions after a short time. The Faculty has given considerable attention to this problem which appears to be particularly serious in professional technological disciplines.

LAW

Dean: Professor C. Howard

In 1979, 1,317 students were enrolled for courses taught within the Faculty. Of these, 1,153 were pursuing studies for the degree of Bachelor of Laws, 37 were taking post-degree subjects required for admission to practise and 34 were enrolled for subjects in the Stipendiary Magistrates course. Postgraduate enrolments were 85.

The number of weighted student units in the Faculty was 938, as compared with 993 in 1978 and 950 in 1977. The experiment introduced in 1976 of awarding up to 15 places to students assessed to be disadvantaged, and of up to 15 places to mature age students who have not passed the Higher School Certificate, will be continued in 1980. In the former scheme 30 candidates were nominated for admission in 1979. There were 80 mature age applicants, which compares with 76 for 1979, 52 for 1978 and 60 for the 1977 entry.

As there had been no sufficient improvement in the staffing of the Law School (the ratio of students to staff being 25.4:1 in 1979), it was
impossible to make any start on the introduction of a separate honours programme in the undergraduate curriculum. Notwithstanding the popularity of law as a subject of study, not only at the tertiary level but now at secondary level also, the aspiration of introducing an honours programme distinct from the pass programme remains as remote as ever.

The hope has been expressed in previous Reports that the current review of the budget formula would at least relieve the Law Faculty of need to rely on Discretionary Fund allocations to maintain its current activities. The review of the budget formula has not yet been completed. I am pleased to report, however, that notwithstanding the difficult financial position in which the University continues to be, acknowledgement has been made of the exceptionally straitened circumstances of the Law School. This Faculty has been accorded an additional budget allocation to be phased in over the next two years. The Faculty is appreciative of this.

Mention was made in last year's Report of the educational irrelevance of the number of lawyers in the practising profession. Nevertheless, there continues to be widespread misapprehension of this issue. During 1979 media reports have appeared suggesting that university intake into law should be restricted as a palliative for reduced employment opportunities in the practising profession. The suggestion is practically naive and it neglects principle. One of the points of principle should be stressed that, provided no intending student is deliberately misled, the opportunity to undertake tertiary education in law ought not to be arbitrarily restricted for an entirely non-educational reason.

One of the more disturbing pressures to emerge recently has been an apparent tendency among the diminishing number of solicitors still willing to accept articled clerks to specify what optional subjects they would prefer their future clerks to have studied. This defeats the purpose of the options system which was initiated in response to student pressure for a more flexible and varied course content.

A major cause for concern in the Law School is the small number of Chairs in law. The only other law school in Australia of comparable historical antecedents and international prestige, which is Sydney, moved in 1979 to a total of 10 Chairs. This is exactly twice the number of Chairs at Melbourne. The inevitable consequence, sooner rather than later, is that we shall lose the services of some of our best-qualified and most able sub-professorial staff members. This in turn has serious implications for that elusive but indispensable quality called academic leadership, which is ultimately the factor upon which the national and international reputation of a scholarly institution depends.

With the encouragement and assistance of Mr J. C. Finemore, QC, Chief Parliamentary Counsel, a new optional course in legislative drafting passed through all its University stages in 1979 and will be taught for the first time in 1980. Indications at the time of writing this
report are that the enrolment response among students has been enthusiastic. Mr J. C. Finemore's office will be involved in the teaching of this course and I take this opportunity to record the Faculty's appreciation of his guidance and help.

During 1979 also intra-Faculty steps were taken towards the introduction in 1981 of optional extensions to the teaching of Labour Law and of a new option in Planning and Local Government Law. At present Local Government Law, as a subject in itself, does not appear anywhere in the curriculum.

**MEDICINE**

Dean: Professor D. G. Penington

During 1979, the major developments within the Faculty have been in the area of curriculum planning and in the fields of continuing education and professional postgraduate education.

As noted in the Report for 1978, a major review of the first three years of the course for Bachelor of Medicine and Bachelor of Surgery was in progress. Faculty recognized the need to introduce changes which would permit more emphasis on active participation by the student in his or her own education including a greater emphasis on the acquisition of knowledge from library materials and from the student's own observations; it was resolved to develop further the use of teaching in small groups in which the student can actively contribute.

The proposal for a revised curriculum for the first three years was adopted by Faculty early in 1979, was approved by the Academic Board and Council and implementation commences in 1980. The changes include a reduction in teaching of Physics and Chemistry and an expansion of teaching of Biology, introduction of Anatomy together with some Physiology in the first year of the course and a retention of teaching of Behavioural Science, which has been strengthened in the past year.

In 1981, the second year will be implemented with the teaching of Anatomy and Physiology continuing and Biochemistry being introduced; Anatomy and Physiology will be combined in the teaching of Neuroscience, which will be taught concurrently with related Medical Psychology in the third term. In 1982, with the new third year, teaching in Biochemistry will be incorporated into a new subject of Endocrinology and Metabolism; Pharmacology, Microbiology and Pathology will be taught throughout the year. Social and Preventive Medicine will be taught in the first term and there will be a significant teaching contribution by clinical academic staff, allowing the development of concepts of clinical relevance during this year of the course.

An important feature of the revised curriculum will be the development of Advanced Study Units, of which each student must successfully complete two before the end of third year. Each Unit will repre-
sent a half day of study throughout a term in small groups in an area of the student’s choice and will require the student to go in some depth into a field under supervision, acquiring knowledge from library, laboratory or a community setting, to be presented and discussed in seminars in the presence of teachers. The changes represent a significant reorientation in the approach of the Faculty to medical education.

The curriculum for the clinical years is under review. In the clinical years, there is a commitment to help the students to maintain a knowledge of relevant medical science in its application to clinical studies and to continue to encourage independent learning on the part of students, including the use of texts and journals so that they are prepared for a life-long commitment to continuing education. Changes in the clinical years will be under discussion during 1980.

The second area of development in our educational programmes has been in continuing education. In 1979, an active and successful programme of continuing education was mounted in a number of topics. A large number of graduates was attracted to participate in the series of meetings and the cost of the programmes was met by attendance fees. A similar programme is planned for 1980 involving both short courses of one and two days and longer courses extending for up to a week.

The third educational development in 1979 was the enactment of legislation to establish a new degree, Master of Medicine. This will be the vehicle for further development of formal involvement of the Faculty of Medicine in professional postgraduate education in a number of disciplines relevant to Medicine. The programmes to be offered will involve both research and education appropriate to the advanced training programmes of several of the Royal Colleges.

That medical education continues steadily from the undergraduate years into postgraduate education, and the refreshment needed by continuing education were acknowledged by this Faculty some years ago. The developments in the professional postgraduate field and continuing education represent a major step towards realizing these goals and it is hoped that they will provide a means whereby the Faculty can establish itself as a major postgraduate centre for professional studies in Australia and, to an increasing extent, in the international scene. As Australia’s senior medical faculty and with internationally recognized professional and research groups in a number of fields, we are well placed to achieve such a position.

Pressure for admission to the course remains as great as ever despite uncertainty in some quarters as to whether the demand for medical manpower in the community will remain at the level we have known in past years.

Medical research represents one of the central activities of the Faculty and it continues to progress at a high level. The funding of medical research remains a great problem despite a substantial flow of funds from the University, the National Health and Medical
Research Council and various other outside granting agencies. As a measure of the standing of the Faculty in medical research it is worthy of note that we have been consistently more successful than all other Australian faculties in the competition for NH & MRC funds and here we lead the field by a margin of some 38 per cent, excluding the very substantial funding which flows directly to the Walter and Eliza Hall Institute and the Howard Florey Institute. Nonetheless, good research projects are held back through lack of funds to provide appropriate technical and scientific assistance and such research represents the growing edge of advancing medical knowledge which stimulates further thought and endeavour and attracts outstanding staff and students to the Faculty. Efforts are being made to find ways to increase the funds available so that we can further expand our research effort and allow new developments to go ahead at a more rapid rate.

Two outstanding medical scientists in the Walter and Eliza Hall Institute were appointed Professorial Associates in the Department of Medical Biology. These are Dr J. F. A. P. Millar, renowned for his contributions to basic immunological knowledge and Dr Donald Metcalf whose studies on the growth of haemopoietic stem cells in vitro and the regulation of their maturation have attracted widespread interest over many years. Dr Michael Pain (Department of Medicine, Royal Melbourne Hospital), who has contributed extensively to the understanding of pathophysiology of respiratory disease, also became a Professorial Associate.

Dr Ian McKenzie of the Department of Medicine (Austin and Repatriation General Hospitals) has been awarded the Eric Sussman prize of the Royal Australasian College of Physicians for the most outstanding contribution to medical research over the past three years. This was awarded for his studies in clinical immunology.

Dr R. A. Melick, Reader in Medicine, took up appointment in April as Associate Dean (Clinical) at the Royal Melbourne Hospital Clinical School following the retirement of Dr K. J. Grice. Faculty recorded its deep appreciation of Dr Grice's contribution over many years in this important position and we will miss his wise counsel.

The developments noted in curriculum planning, the establishment of courses for the new Masters degree and the further development of research activities are likely to occupy the Faculty heavily during 1980. There is increasing concern as to whether some adjustment in the scale of medical education may become necessary as the shortages of medical practitioners in country areas, the western suburbs of Melbourne and in specialties such as Geriatrics, Rehabilitation, Preventive Medicine and Public Health begin to be remedied. Reduced opportunities for careers in specialties such as Surgery and many highly specialized areas of Medicine leave graduates exploring alternative medical careers and it is to be hoped that it will become easier to attract able graduates into medical research and into new academic fields such as epidemiology and health services research.
Development of these disciplines is needed to provide better information in health care delivery, and expansion of teaching in these areas for both undergraduates and postgraduates will become increasingly important in future years.

**MUSIC**

Dean: Mr M. Cooke

The first intake of students in the new courses for the Bachelor of Music (1977) and Bachelor of Music Education (1977) reached their third year, and the first students enrolled in the Music Therapy subjects in the course for Bachelor of Music, reached their second year. The course assessment being carried out by the Centre for the Study of Higher Education continued and detailed investigations will be made during 1980.

The number of students studying Music Therapy has been limited to eight. There has been considerable interest in the course in Victoria and elsewhere. The students enrolled have performed well and the Faculty has been impressed with their intellectual and musical abilities.

A high rate of employment for all graduates of the Faculty of Music has been recorded in 1978 and 1979. There is a considerable shortage of orchestral players with many positions unfilled in the orchestras of the Australian Broadcasting Commission for example. Federal and State funding of the Arts has resulted in the creation of many new positions for which music training is required. Graduates of the Faculty, having a sound training in both academic and practical music, are suited to a wide variety of situations, so that successful employment of graduates can be expected to continue.

During 1978, the University reviewed the relationship between the Faculty and the School of Music at the Victorian College of the Arts and sought discussions between the two institutions to revise the Agreement upon which co-operation and contract teaching are based. During 1979, the Joint Report prepared in 1979 by the University of Melbourne and the Victoria Institute of Colleges was revised and a new version adopted by the University and the Victorian College of the Arts. A committee comprising members of the Faculty and the School of Music was established. Some changes were made to the arrangements for contract teaching removing certain contentious aspects and there was profitable discussion about many possible areas of co-operation. The two institutions recognized the similarities and differences between their respective courses of study and a description of courses offered by one institution will appear in the handbook of the other. Every effort is being made for the two institutions to provide maximum opportunities in music education for the State of Victoria.

The Faculty of Music has also had discussions with the Music Department at the Melbourne State College, and some exchange of
teaching and combined student activities have been arranged informally.

Following appropriate debate by the Faculty of Music, the Grainger Board, Archives and ultimately the Council, legislation was prepared to allow the Grainger Museum to be attached to and function through the Faculty of Music. The work of sorting and cataloguing the collection, now growing, and the increased interest in the contents were already leading to greater use of the Museum for research.

The retirement of Professor Loughlin, Ormond Professor of Music since 1958, was an event of importance to the Faculty. His long and devoted service was recognized at a reception in December in the Melba Hall and at a special choral and orchestral concert in Wilson Hall in August at which he was conductor. Professor Michael Brimer from the University of Cape Town was appointed to succeed Professor Loughlin.

The State and Federal attitudes towards education and the employment of teachers caused some concern about the future of people trained for music education, although the State Government did make several statements indicating a shortage of music teachers and a hope to employ more in the future.

Following the introduction of new courses for Bachelor of Music and Bachelor of Music Education in 1977, and the subjects for Music Therapy in 1978, the Faculty decided on a period of consolidation, avoiding major changes until all years of the new courses were introduced and evaluated.

Guidelines were prepared for the admission of students to the newly-introduced course for Bachelor of Music (Honours). Although these have been prepared in some detail, they were adopted in the broadest possible form so that the Faculty will be able to act with flexibility while gaining experience of the various kinds of exceptional circumstances which may arise. The new regulation for the degree of Master of Music came satisfactorily into operation and guidelines for admission into this course, together with programmes of study and examination procedures, were adopted by Faculty.

The number of students enrolled in postgraduate studies and research continued to increase as does the range of topics involved. These include investigations in areas such as Music History, Australian Music, Music Education and Music Performance Techniques, as well as newer topics such as Music and the Computer, Music Therapy and Neuropsychology of Music.

The Faculty continued to present music to University members and to the public. A successful Week of Music was held in August with large participation of both staff and students. During this week the inaugural concert on the new pipe organ in Melba Hall was given by Douglas Lawrence.

During the year the orchestra of the Faculty accompanied the Victoria State Opera in performances arranged by the Victorian Arts
Council in country centres. In reciprocation, the Victoria State Opera directed by Mr Richard Divall, gave a performance with the Faculty orchestra at the opening of the Week of Music.

As a special project of the Electronic Music Studio a recording was prepared for commercial release, presenting works representing the output from the Studio between 1973 and 1979. The Studio serves as a workshop for composers, as well as providing a teaching facility for the Faculty.

The Faculty received a major equipment grant to construct a pipe organ. To coincide with the installation of the organ, portable raked seating was purchased for the rear of the hall, resulting in a greatly improved venue for concert presentation of all kinds of music.

The inadequacy of accommodation in the Faculty building continued to be a matter of serious concern. Music still heads the list of priorities for major building projects in the University, but no early start on the proposed new building has been announced.

**SCIENCE**

*Dean: Professor C. A. Ramm*

During 1979, there were many outstanding student achievements, and awards and honours to past and present graduate students. There were also many analyses of the activities, policies and aspirations of the Faculty of Science in the preparations of its proposals to the University for the 1982-84 Triennium. Academic staff from all departments contributed to this work, which was associated also with an examination of the needs for and the use of development funds.

The investigations were aided by the additional information which Faculty can now extract from its own and other sources of data, and they were tempered by the prospects of a continuing decrease in the effectiveness of overall resources.

There was no significant change in the total Science student population: over 440 students completed the Bachelor of Science degree in 1979. The number completing in the minimum time of three years was again about 75 per cent; postgraduate enrolments were six above the assigned quota of 480 weighted student units.

A trend towards a training in a wider range of disciplines was evident in an increased enrolment by Science students in other faculties, particularly in the Bachelor of Commerce degree, and more Bachelor of Science students than in previous years enrolled for Arts or Music. A part, but certainly not all of this trend, can be attributed to the student desire to maximize the prospects of employment after a first degree.

The major course changes were in the Department of Human Movement Studies which, in accord with the practice in other disciplines of Faculty, restructured its teaching to make it less dependent on
courses in other departments. It appears that the modifications to the courses in Human Movement Studies referred to in the 1978 Annual Report are attracting more students to that Department.

The Botany Department revised its second-year teaching to offer a core of units for students intending to major in that field. This change results in a small reduction in the points score of the units and therefore will permit an increase in the choice of units available to students in the planning of their courses. The third-year Botany teaching will be re-organized similarly for 1981.

Difficulties which arose because the demand for enrolments in Computer Science exceeded the available places have been lessened by a modification which enables students to extend their courses into allied disciplines. One consequence of the student response to these modifications was an increase in the enrolments in units offered by the Department of Statistics.

Some major American universities are aiming at a literacy in computer disciplines for 80 per cent of all their students by the early 1980s, in response to predictions that by the mid 1980s the computer and information processing industries will have grown to be among the largest of all.

During 1979, Faculty reviewed its aspirations for general development grants and identified the innovations which departments considered to be most necessary for the next phase of their work. Among the six proposals which were retained, the two of greatest urgency were agreed to be the further development of work with marine plankton and the construction of an advanced laboratory in the Department of Meteorology.

The proposals from Faculty to the University on the 1982-84 Triennium were prepared after a review of the desired trends of the work of departments. In essence the present policy to organize the activities in marine science and Antarctic studies within the structure of the existing departments was reconfirmed and proposals were developed to extend the work. A previous proposal for a research school of marine science was also reconfirmed, as was also the proposition that the programme of Antarctic studies in the University should be supported on an interfaculty basis.

Towards the end of 1979 Faculty conducted a new survey of the deficiencies in its accommodation, according to the standards of the Central Building Planning Committee. Of the laboratory sciences, Optometry has the severest space shortage with Zoology numerically next in overcrowding.

Professor W. F. Budd, previously of the Glaciology Section of the Commonwealth Government's Antarctic Division, was appointed to the Foundation Chair of Meteorology and Professor T. A. O'Donnell, previously Reader in Inorganic Chemistry, was appointed to the Chair of Inorganic Chemistry.

The demand for postgraduate training in science remained high in 1979 and the number of Commonwealth Postgraduate Awards to its
students was higher than in 1978. Nevertheless, members are gravely concerned at the inadequate total number of postgraduate awards available to science students. Every possible step should be taken to change this national situation which denies financial support to many able students who have demonstrated a real potential for postgraduate studies. Unfortunately this lack of support is depriving them of postgraduate studies. This is to their disadvantage and also to the detriment of the national effort available for postgraduate programmes of research.

**VETERINARY SCIENCE**

Dean: Professor K. V. F. Jubb

A total of 247 students enrolled in the course during 1979, which compared with 242 in 1978. Forty-seven students graduated following the annual examinations (39 in 1978) three with first class honours and 21 with second class honours.

A total of 318 qualified applicants listed Veterinary Science as a first preference after scoring had been completed; 154 were Victorian school-leavers and 164 were interstate school-leavers and other categories. A total of 44 graduate and undergraduate students applied to transfer to the Veterinary Science course. Once again selection pressures are being maintained.

Pass rates at the 1979 annual examinations were: first year 84 per cent; second year, 83 per cent; third year, 85 per cent; fourth year, 90 per cent; and fifth year, 100 per cent. These figures should show some improvement after the publication of results of supplementary and special examinations.

Minor adjustments only were made to the undergraduate course in 1979 while earlier changes were being absorbed. Extension of teaching in veterinary subjects into the first year of the course is planned for 1980. There will be some consequential changes but major structural changes are not envisaged at this time. Rather it is expected that developments will take place in the methods of instruction.

The number of postgraduate students enrolled is more than the Faculty's target and it appears that this pattern could be maintained. Faculty continued to make scholarship support available to a limited number of postgraduates which encouraged the participation of Australian graduates. The demand for postgraduate training remained greater than the capacity of the Faculty to provide supervision.

The level of research activity is also being maintained reflecting in particular the reputation of the work in statistical epidemiology, parasitic immunity, infectious diseases and reproductive biology.

Reference is made in earlier *Reports* to the difficulty of providing adequate clinical instruction. The steps taken in 1978 to respond to
this situation have been fruitful, and during 1979 arrangements have been made with the State Department of Agriculture to explore the use of the Glenormiston Agricultural College in co-operation with academic associates to provide access to sheep and beef cattle. The Veterinary Clinic and Hospital and the Kendall Hall of Residence, essential components of the Faculty effort, have stabilized in 1979 at a satisfactory level of activity.

BOARD OF SOCIAL STUDIES
Chairman: Professor R. W. Webster

Student enrolments in both the Bachelor and Master of Social Work degree courses in 1979 were considerably higher than in 1978, with 256 students enrolled in the Bachelor of Social Work course (222 in 1978) and 28 undertaking higher degree studies (24 in 1978). Eighty-nine students qualified for the award of the degree of Bachelor of Social Work after satisfactorily completing their studies in 1979.

One Master of Arts candidate in the Department qualified for the award of the degree in 1979 and one Doctor of Philosophy candidate, eight Master of Social Work and three Master of Arts candidates were preparing theses.

Staff members were undertaking research in various areas of interest, resulting in the publication of two books and several contributions as chapters of books, articles and reports. Grants for research were received from the Australian Research Grants Committee and the Flora and Frank Leith Charitable Trust.

Five new members joined the Board in 1979, four of whom are professional social workers and one member of the University staff appointed by the Academic Board. Three other members who are professional social workers left the Board at the end of 1979. In addition, in July, 1979, the Board was saddened by the death of one of its members, Dr Patricia Brotherton, who had been appointed in 1978.

Mrs Arnold continued in her appointment as Chairman of the Department of Social Work until 31 December, 1979. The Chair of Social Work remained vacant, despite an exhaustive search. It was agreed by Council in 1979 that it should remain vacant for three years and that one or more visiting professors be invited to give academic leadership during this period. The Chair Committee, however, remains active.

In July, 1979 the Board approved the structure and terms of reference of the Curriculum Committee, as a result of which the Committee began a review of the undergraduate course. Main attention focussed on the first year of the course to bring about curriculum revision for implementation in 1981.

The staff remained in active contact with social welfare agencies in
the community, not only through the Department's extensive fieldwork programme, but also through serving on numerous committees and advisory boards of various agencies. A one-day seminar, '50 years of Professional Social Work in Australia: the Victorian Experience', was organized by the Board and Department with the Australian Association of Social Workers and the Royal Melbourne Hospital. From this a series of papers was published in the December issue of *Australian Social Work* and a publication entitled *Establishing Medical Social Work in Victoria* by staff members Mrs L. O'Brien and Mrs C. Turner. In August the Department hosted, under the sponsorship of the Asian Regional Association for Social Work Education and the International Federation of Social Workers (Asia), a seminar of social work educators and practitioners. The seminar theme was 'Diversity and Social Justice — the Role of Social Work and Social Work Education'. Among the 66 participants were 24 from 10 Asian countries and 15 from interstate including six Asians. The proceedings were published in *Diversity and Social Justice* edited by staff members Mrs L. Arnold and Ms W. Roberts.

**THE LIBRARY**

In 1979, the Library in common with other academic research libraries experienced severe economic difficulties. These flowed principally from the fact that cost of library materials, particularly those from overseas sources, increased at a rate far in excess of the rate at which Library funds were being indexed to meet general inflation. The effect of this was most noticeable in journal subscriptions. To stop the steady erosion of monograph purchasing power within the Library's book vote, a ceiling was placed on subscription spending which effectively froze the expenditure relationships between departments at their 1978 levels. This act necessitated the cancellation of over 1,000 subscriptions to a value of approximately $90,000. These cancellations were predicted on an anticipated rise in subscription costs of 20 per cent. In the event, the rise was 23 per cent. The results of the cancellation exercise were not, however, totally negative. By establishing departmental ceilings for subscription expenditure, the Library also established allocations. To enable them to function within these allocations, departments, for the first time, were issued lists of active subscriptions. Many departments cancelled more than they were asked and used the balance thus created in their allocations to order new, more germane, subscriptions.

With the creation of a subscription expenditure ceiling, it became possible to state a monograph expenditure figure accurately. To ensure an equitable utilization of the monograph moneys, a departmental monograph allocation scheme was implemented in the last five months of 1979. This five-month period was to be used to test the initial allocation figures and make any necessary adjustments for
1980. The 1979 allocations were based on a combination of factors: past patterns of expenditure, department size, and average cost of relevant materials. A product of the monograph allocations was the issue of departmental lists of monographs in series and continuations on standing order. As with the case of subscriptions, these lists provided departments and the Library with the opportunity to refine and improve material being acquired on standing order.

One encouraging development in a period of economic difficulty was the effect of the Federal Government's Tax Incentive Scheme for the Arts. The facility which this scheme extends to prospective donors to major libraries has been sufficient to encourage a number of significant donations to the Library during the year.

The year was the final one of support from new development grant funds of the Brownless audio-visual facility. This project is well established in the Library and in its use by the Faculty of Medicine. For the first time the Library has a modern, well-equipped audio-visual facility adequately serving the needs of one section of the University. It was originally intended that this project should serve as a pilot for larger scale development within Baillieu to serve the needs of other areas. Economic constraint prevents this development. Meanwhile arrangements have been made for the Brownless facility to be used as an interim location for non-medical audio-visual materials.

An earlier new development grant provided the stimulus for the Library's Reader Education programme which has become extensive. Specific bibliographical seminars are developed with academic staff to meet the needs of students in individual courses, both undergraduate and postgraduate. In 1975, 915 staff and students participated in seminars covering 22 subjects. In 1979, 2,606 staff and students attended seminars covering 58 subjects. The Library believes that such programmes benefit the University by producing more value for its Library expenditure through more intelligent use of resources.

Intelligent use of resources is dependent on adequate access services. A significant development in recent years has been the emergence of machine-based information services designed to give more sophisticated and quicker access to the journal and report literature in various disciplines. The ability to search such data bases on-line whether available in Australia or overseas became a practical reality in 1979 with economic overseas communications links. The Library has been at the forefront of developments in the field in Australia and provides academic staff, research and senior undergraduate students with access to a variety of data bases through the MEDLINE, BIOSIS, AUSINET and DIALOGUE services. In its combined use of such facilities, it is far in advance of other academic libraries in Australia.
RESEARCH

In 1979, there were 2,168 higher degree students. These comprised:

**Doctor of Philosophy candidates:**

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>333</td>
<td>203</td>
<td>536 (492 in 1978)</td>
</tr>
</tbody>
</table>

**Master degree candidates:**

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>510</td>
<td>1,091</td>
<td>1,601 (1,572 in 1978)</td>
</tr>
</tbody>
</table>

**Other higher degree candidates:**

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8</td>
<td>23</td>
<td>31 (26 in 1978)</td>
</tr>
</tbody>
</table>

**Total:**

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>851</td>
<td>1,317</td>
<td>2,168</td>
</tr>
</tbody>
</table>

Of the 851 full-time candidates, 230 were supported by Commonwealth Postgraduate Research Awards, 19 by Commonwealth Postgraduate Course Awards and 177 by University of Melbourne Postgraduate Scholarships.

The Australian Research Grants Committee provided $1,085,889 in 1979 for the support of 125 projects at the University of Melbourne including 35 new projects. The National Health and Medical Research Council provided an amount of $1,531,046 in 1979 for 64 projects.

The total funds available to the Committee on Research and Graduate Studies in 1979 amounted to $2,645,015 mainly received from General Fund Grants and contributions for research from the Universities Council. The main items of expenditure were grants to departments and divisions $1,341,450, scholarships and fellowships $1,070,000 and grants for special projects $162,000.

During the year, funds were provided for the appointment of eight new research fellows. Emergency Research Grants of $111,513 were provided for 44 projects. An amount of $19,167 was made available to assist 25 members of the academic staff to engage in research overseas and $95,412 was provided under the visiting fellows programme enabling 29 senior overseas academics to pay visits to the University of Melbourne for collaborative research activities.

OFFICE FOR CONTINUING EDUCATION

A review of the activities of the Office for Continuing Education was conducted during 1979. In August the Academic Board adopted a report on this matter from its Policy Committee with the result that new procedures will be introduced in the University of Melbourne next year. Under these procedures, the Policy Committee will assume
the responsibility of assisting in the development of continuing education by the faculties and departments while the Registrar will take responsibility for support services.

The Office during 1979 offered access to courses under Category A (single subject courses), Category B (short ad hoc courses) and organized, under the sponsorship of University faculties, the University's public lecture programme.

In 1979, 229 Category A single subjects were undertaken: 33 of these were taken as audit courses only. Ultimately 169 candidates elected to sit for the end of year examinations, sometimes in more than one subject. The main areas of enrolment were in the Faculty of Arts (particularly the departments of Fine Arts, Philosophy, Italian, Classical Studies) and the Faculty of Economics and Commerce (Accounting).

The student profile remained largely unchanged from earlier years. Those applying from career-oriented motives continued to increase slightly up to 36 per cent and this motive remained predominant. Other significant motives in order were ‘General Interest’ 21 per cent, ‘Further Study’ (i.e. in an area not the same as earlier study) 18 per cent, and ‘Continuing Previous Study’ 13 per cent. Eighty-six per cent of applicants had attempted some level of tertiary study with 46 per cent of the total holding bachelor degrees.

Eighty lectures were delivered in the 1979 public lecture programme. As in the past most were by visitors to the University. Departments of the Faculty of Arts were the principal sponsors of lectures but as well sponsorship for lectures came from the Aboriginal Liaison Officer, the Grainger Museum, the University Gallery and Colleges. A prominent and successful feature of the programme was the series of lectures; ‘Aboriginal Studies Lecture Series’, ‘18th Century Studies’, ‘July Lectures in Physics’ and ‘Contemporary Writers and Politics’ series.

During 1979, 32 ad hoc continuing education courses were provided through the Office for Continuing Education for which there was a total enrolment of 1,244. Although the number of courses was down on the 1978 figure, the total enrolment figure for 1979 was much higher than for the previous year. A number of courses promoted in past years enjoyed success again in 1979, notably Brain Impairment Conference and Industrial Screening Audiometry. Once again the Summer School programme enjoyed great success.

**FINANCE**

**The General Fund:**
The General Fund is the University's principal operating Fund, and is used for the general teaching and research and running expenses of the University. The General Fund is financed by the general recurrent grant from the Commonwealth Government (after the
transfer of the portion earmarked for General Development Grant programmes) and from limited amounts of other income. Grants, donations and other income received for research projects and special University purposes are accounted for separately and do not form part of the General Fund.

After reservation of amounts to meet general institutional costs, the General Fund income is made available to meet the operating needs of the Faculties and the other Budget Divisions. The detailed commitment, within the approved guidelines, of the funds made available is the responsibility of the Budget Divisions; and Departments have delegated responsibility for initiating expenditure against approved allocations for Departmental Votes (for running expenses) and for "Other Teaching Appointments".

The General Fund Position for 1979:
The general recurrent grant approved for this University for 1979 was $60.495 million, at December quarter 1977 cost index levels. This was almost the same as the grant for 1978 expressed in the same index levels.

The Commonwealth Government's guidelines to the Education Commissions provided for supplementations to the 1979 grant by reference to movements in the Tertiary Education Commission's salary indices to the end of 1979, and in the non-salary index to the December quarter 1978 only. Costs in 1979 resulting from price rises occurring after the end of 1978 were not covered by supplementation. (The Government's decision in 1977 not to provide supplementation within a year in respect of movements in the non-salary index in that year involved a reduction for this University of over $650,000 in supplementation which would have been receivable in 1979 if the earlier non-salary supplementation arrangements had continued.)

The final level of the general recurrent grant for 1979 was $66.347 million. This included $5.813 million of 1979 supplementation for movements in the T.E.C. cost indices after the December quarter 1977.

In 1978, General Fund expenditure exceeded income — partly as the result of a planned drawing on balances carried forward from earlier years. The circumstances were set out in the Finance Section of the Annual Report for 1978.

For 1979 the University planned to achieve a balance in General Fund income and expenditure for the year, after an appropriation of over $159,000 had been made from funds set aside by Budget Divisions to cover deficits carried forward from 1978.

This objective was achieved. It was also possible to meet some non-recurring developmental expenditures which would otherwise have had to be funded out of limited non-General Fund balances, and to make a limited transfer of non-government income to meet expenditure later in the triennial period. With these adjustments,
and the above appropriation, the General Fund income and expenditure for 1979 were in balance.

The remaining amount (almost $298,000) of the 1978 General Fund deficit will be carried forward to be met from any balances in hand when the General Fund accounts for 1980 and 1981 are closed. Failing this, the deficit will be met from limited non-government funds which the University has reserved for this purpose.

A summary of General Fund Income and Expenditure for 1979, with comparative amounts for 1978, is set out below:

<table>
<thead>
<tr>
<th></th>
<th>1978</th>
<th>1979</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Fund Income for the Year</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Recurrent Grant</td>
<td>62.011</td>
<td>66.347</td>
</tr>
<tr>
<td>Transfer to the General Development Grant Fund</td>
<td>(-) .620</td>
<td>(-) .664</td>
</tr>
<tr>
<td>Other General Fund Income</td>
<td>1.989</td>
<td>1.935</td>
</tr>
<tr>
<td><strong>Total Income</strong></td>
<td>63.380</td>
<td>67.618</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>General Fund Expenditure for the Year</strong></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Activities</td>
<td>43.478</td>
<td>45.616</td>
</tr>
<tr>
<td>Academic Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central and Branch Libraries</td>
<td>3.803</td>
<td>3.859</td>
</tr>
<tr>
<td>Computer Centre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>— excluding expenditure transferred against Administration</td>
<td>.774</td>
<td>.819</td>
</tr>
<tr>
<td>Other Centralized Academic Services</td>
<td>.735</td>
<td>.734</td>
</tr>
<tr>
<td>Ancillary Student Services</td>
<td>.843</td>
<td>.936</td>
</tr>
<tr>
<td>General University Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration</td>
<td>5.946</td>
<td>6.370</td>
</tr>
<tr>
<td>Non-recurring Expenses for development of the Melbourne University Financial Accounting System</td>
<td>—</td>
<td>.144</td>
</tr>
<tr>
<td>Overheads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>— including Lighting, Heating, Telephones, Insurance</td>
<td>2.811</td>
<td>2.981</td>
</tr>
<tr>
<td>Buildings and Grounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>— Cleaning, Repairs and Maintenance, Alterations</td>
<td>5.596</td>
<td>5.547</td>
</tr>
<tr>
<td>Public Services</td>
<td>.204</td>
<td>.282</td>
</tr>
<tr>
<td>Independent Operations</td>
<td>.142</td>
<td>.171</td>
</tr>
<tr>
<td><strong>Total Expenditure</strong></td>
<td>64.332</td>
<td>67.459</td>
</tr>
</tbody>
</table>

**Excess of Income over Expenditure for 1979**  
— .159

**Excess of Expenditure over Income for 1978**  
.952 —
Income for 1979 (cont.)

<table>
<thead>
<tr>
<th></th>
<th>1978 $ million</th>
<th>1979 $ million</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Appropriations</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appropriations from earlier years towards expenditure in 1978</td>
<td>(.497)</td>
<td></td>
</tr>
<tr>
<td>Appropriations in the current year towards meeting a previous year's deficit</td>
<td>.002</td>
<td>.159</td>
</tr>
<tr>
<td><strong>Excess of Expenditure and Net Appropriations, over Income for the year</strong></td>
<td>.457</td>
<td></td>
</tr>
</tbody>
</table>

(This statement is subject to audit. The audited statement of total income and expenditure for 1979 for all University Funds will be published as Part 2 of the Annual Report for 1979.)

**States Grants (Tertiary Education Assistance) Act 1978:**

This Act, to which Assent was given in December, 1978, provided for a return in part to triennial funding arrangements which had applied to the end of 1975.

In particular, the Act set out firm amounts for the general recurrent grant, the special research grant and the grant for recurrent expenses of Teaching Hospitals, for each of 1979, 1980 and 1981.

The reductions for this University in the general recurrent grant — $188,000 in 1980 and a further $119,000 in 1981 — will however present problems for University financial planning in future years.

It appears that the 1978 supplementation arrangements will continue in 1980 and 1981, i.e., the above grants will be supplemented for salary index movements to the final quarter of the year concerned, and for movements in the non-salary index to the final quarter of the previous year.

Equipment Grants and Building Grants continue to be approved for one year at a time.

The provisions of the Act also restored some planning flexibility in respect of the incidence of expenditure from the general recurrent grant within the 1979-1981 triennial period. Overexpenditure of the grant in one year will be treated as if the amount concerned had been expended in respect of the following year. Balances in hand of up to 1 per cent of the general recurrent grant may be carried forward within a triennial period to meet expenditure in the following year.

**Grants under the States Grants (Tertiary Education Assistance) Amendment Act 1979:**

The above Act authorized the following grants for 1980 and 1981, at 30 June, 1979 salary index levels and June quarter 1979 non-salary index level:
<table>
<thead>
<tr>
<th></th>
<th>1980 $ million</th>
<th>1981 $ million</th>
</tr>
</thead>
<tbody>
<tr>
<td>General recurrent grant</td>
<td>66.720</td>
<td>66.593</td>
</tr>
<tr>
<td>Special research grant</td>
<td>.852</td>
<td>.852</td>
</tr>
<tr>
<td>Grant for recurrent expenditure of Teaching Hospitals</td>
<td>.373</td>
<td>.373</td>
</tr>
<tr>
<td>Equipment grant — 1980 only</td>
<td>3.387</td>
<td>—</td>
</tr>
<tr>
<td>Minor Works grant — 1980 only</td>
<td>.597</td>
<td>—</td>
</tr>
<tr>
<td>Major grants for Building projects</td>
<td>Nil</td>
<td>—</td>
</tr>
</tbody>
</table>

The previous supplementation arrangements will continue to apply for these grants.

**Melbourne University Financial Accounting System (M.U.F.A.S.):**

A new computer based salaries system was developed in the University and introduced in 1976 as the first step in the phased introduction of a new financial accounting system to operate on the University’s Control Data Computer equipment. The next stage in the programme has been the installation of a ledger system, planned for integration with the salaries system.

It was decided early in 1979 to purchase the Accounting and Accounts Payable Sections of a financial accounting package designed for computer use in Universities and Colleges, and introduced widely in recent years in a large number of institutions in the USA and more recently in overseas countries — Holland, Saudi Arabia and now in Australia. Staff of the Vice-Principal's Division worked closely with the designers and suppliers (Information Associates, Inc of Rochester, New York) in adapting the systems to the needs of this University. The computer systems and the integration of the salaries system were ready to be introduced from the beginning of 1980. Work will proceed in 1980 and 1981 to enable the University to take full advantage of the potential of these systems and to extend the ledger to semi-autonomous areas such as the University Union. Work is also proceeding on the development of budget computer systems as an integrated segment of the University’s overall financial accounting system.

**BUILDINGS**

The University is still receiving no capital grants other than for minor works, site works and site services. This stultifying situation since 1975 has provided serious difficulties for the University.

Conditions continue to worsen in those areas such as Zoology, Pharmacology and Chemistry, for which grants are essential to enable replacement of old, unsuitable and overcrowded accommodation. There are also demands for additional accommodation.
created not by the addition of new students but by new projects often established by virtue of special funds provided by State or Commonwealth Governments.

The principal problem, however, continues to be the building needs generated by the deficiencies of the past; the needs of those departments which grew under the pressures of the 1950s and 1960s but did not receive help to remedy building deficiencies.

The University continues to do all it can by alteration and renovation to make maximum use of available space and to recycle old accommodation. This policy cannot be a complete solution to these problems. Although some funds have been made available for this work, they are limited and insufficient.

Minor works, site works and site services

Grants received for 1979 ($637,000) were an increase over the small funds common in recent years. To this sum the University — recognizing the difficult situation in this area — added a further $300,000 from its non-Government funds. These amounts were used to ease the acute needs of faculties such as Engineering and Education and in trying to overcome the critical position in Chemistry. A further pressure has been the need to meet requirements of authorities who have submitted a number of reports to the University indicating severe deficiencies in the areas of fire protection, fire detection systems, escape from buildings and similar safety items.

Other allocations have had to be made to repair the facades of buildings such as Old Arts, Medley Hall, and other external properties, which were in a dangerous state of deterioration. In summary, therefore, the bulk of the funds available were directed towards problems of old and antiquated buildings and those which do not meet the new codes for safety now required by the appropriate authorities.

As against the grant of $565,000 advised late in the year as likely to apply for 1980, the University had priority projects listed totalling nearly $4 million in the area of minor works, site works and site services. The grant indicated for 1980 by the Tertiary Education Commission is completely inadequate for the needs of this University.

Major projects

Union extensions

The sole major building project under way in 1979 was the extension and renovation of the University Union. This project was funded by University borrowing to be repaid from Union income. The project began in April, 1978, with a projected completion date of August, 1979. Industrial and other problems during 1979 delayed the project significantly and it had not been completed at the end of 1979. However, the relocated kitchen in the basement was handed over in
October and work had been substantially completed in renovating the old kitchen area to create a new servery. Minor works only remained to be carried out at the end of 1979 and the project was expected to reach the stage of completion by 4 February, 1980, when the cafeteria would be available.

Landscaping
The University landscaping project, in progress since the completion of the South Car Park in 1972, continued in 1979 with the main emphasis being the extension of Professors Road north from the junction of Conservatorium Road to University House. A plan for this work, including the landscaping around the Union extensions, was approved by Council in July, 1979 and work on the first stage commenced in October.

By the end of the year the first stage of the work from Conservatorium Road north to the south end of Botany and the new ramp from that area through to Deakin Court was virtually completed. Subject to the availability of funds in 1980, this landscaping work will continue around the Union extensions and north to University House and the loading bay of the Union.

With this project the second last through road in the University was permanently closed to traffic except service and emergency vehicles. This represents a significant further step towards realization of the original master plan for grounds circulation and the creation of the pedestrian precinct.

Student Dental Health Services
During the year this project was started and the renovations to 163 Barry Street to house the Student Dental Health Service were completed.

Chemistry
While no major funds were available for Chemistry during the year, despite the serious nature of the deficiencies in this 1938 building, planning began and several programmes were mapped out for the reconstruction of the building. A master plan was prepared with the assistance of external architects. A special submission was made to the Tertiary Education Commission seeking funds for this work, but no funds have so far been granted. By the end of the year projects were under way for certain critical safety works such as the provision of fire and smoke doors, for replacement of mechanical services and upgrading of electrical services.

A special grant of $150,000 was made by the Finance Committee from non-Government funds late in the year for minor works within the building and some of these projects were commenced, with the balance to be completed in 1980.
Accommodation and re-use of existing space
The major accommodation re-arrangements in 1979 were:

- the transfer of the Engineering Workshop No 2 from the basement of Electrical Engineering into the Old Engineering Building in renovated space;
- the use by the Faculty of Education of four renovated terrace houses in Grattan Street;
- the occupation by the Student Dental Health Service of a renovated house in Barry Street;
- the completion of an intermediate floor in the Richard Berry Building Theatre B, enabling the Mathematical Sciences Library to move to the ground floor of that theatre, thus providing space for Computer Science; and
- further alterations for Environmental Studies in the Architecture Building, to provide additional space.

The energy programme
The energy programme, which began with the formation of the Energy Working Group in 1977 and the launching of the 'Killerwatt' campaign in 1978, was again a major activity in 1979. At the end of the year, the Energy Working Group and the University generally received with considerable pleasure the information that a further reduction of 5.7 per cent had been made in energy consumption for the year. This followed a reduction of 3.2 per cent in 1978, and reflected a considerable change from the previous trend of an average five per cent increase in consumption each year.

The Committee calculated that a reduction in University expenditure of about $120,000 a year had been achieved as a result of the two years' work. Projects planned to provide further reductions were in process.

External properties

Miegunyah
The future of the property was still not resolved at the end of 1979. The Commonwealth Government during the year decided to reject the recommendations of the Committee on Official Establishments to use the house as an official residence. Other options were being considered by the Council Committee at the end of 1979.

Strathfieldsaye
This property was received by the University in December, 1976 under the Will of the late Dr Clive Disher, who requested the University to maintain the historic homestead, operate the farm and establish an institute for teaching and research in agricultural and allied sciences. During 1979, further improvements were carried out to the
farm and restoration work continued on the homestead and its surrounding buildings, all of which are registered by the Historic Buildings Preservation Council. In accordance with the University agreement with the National Trust, three open days were held during the year. These proved to be successful. Nearly 2,000 people attended the three open days, producing income of almost $2,000, which will be used to help restore the homestead. Twelve working bees by University staff were held during the year. This voluntary support contributed substantially to the renovation of the historic buildings on the site.

Other properties
Consideration of the future of the McIlwraith Training Centre for Agriculture at Mt Martha, attempts to arrange a new lease on an extended basis for Mt Derrimut, and the improvements to the garden and property at Fairy Hills, the Macgeorge Estate, all proceeded.

Parking and traffic
Parking continued to be a major problem because of the restrictions imposed by the Melbourne City Council in the areas around the University site. A survey was designed and carried out to assess the attitude of staff to the possibility of increased parking fees to enable construction of the planned North Car Park. Documents for this work were completed to the stage of working drawings in 1978. The results of this survey will be known in 1980.

STUDENT AFFAIRS
Activities during 1979 had some very high moments and others that were less successful. A contributing factor was the absence of an Activities Director for part of second term which hampered co-operation between the Activities Department and Union Council. This was rectified during third term.

Improved organization was highlighted by the success of the Union Night headlining the rock and roll band ‘The Sports’. Another big event was a night run by Union Council with Radio Station 3RRR-FM, the proceeds being donated to the radio station. These two activities, together with the ‘Final Fling’ Union Night featuring the Australian bush band ‘The Bushwackers’, were the high points of the year. Unfortunately, the expected Oxbridge Debating Tour was cancelled and in general there were fewer guest speakers and public debates than in previous years.

There was an unusually low number of clubs and societies at the start of the year, but the introduction of new guidelines aided a significant increase in both general interest and specific interest clubs as the year progressed. There was a greater influx of individual
club memberships during Orientation Week than in previous years, perhaps because of the relocation of club tables from Wilson Hill to the Union Lawn area.

Union Council continued its participation in the tertiary institution based radio consortium established in 1978, and the year saw the FM radio station 3RRR move its antenna to Mt Dandenong to broadcast over a wider area. The station's programmes and announcements increased student awareness of University activities and events. A Radio Programming Group was established and produced its first programme for 3RRR.

Arts and crafts classes were popular and the programmes offered were increased and broadened in scope each term. The Screen Printing Access Centre, established last year, was not in operation because of alterations but it will be re-opened in 1980. However, there was an increase in the number of students using other craft centre facilities during and outside class times.

The Activities Department continued to provide secretarial support and financial management for the Union Council and its affiliated clubs and societies. Production of the daily Activities Sheet continued and the classified advertisement boards in the Union Foyer were maintained, however there was a diminishing demand for the Ad Rag.

The Rowden White Library, as always, continued to be well used by students. Approximately 7,000 books were borrowed during the year, a rise on previous years. The library bought 240 new LP records and 800 new books. Subscriptions to magazines remained stable — the library receives about 250 different magazines and journals.

The year was the first of operation of the library security book detection system. Although at this time, exact figures are still being assessed, book loss in the Rowden White Library has dropped significantly. The security system was installed after heavy losses of periodicals and books, particularly books, and losses in 1978 were estimated at approximately 800 books. The tentative loss figure for 1979 was 40 books. There are still a few cosmetic modifications to be made to the security system's operation, but nevertheless it is operating with minimum disruption and maximum efficiency.

In 1979, the Ewing and George Paton Galleries mounted 18 temporary exhibitions and arranged a number of related activities. In addition to displaying the Ewing Collection for eight months, the exhibition programme included:

☐ Surfers Paradise: paintings and drawings by Christine Berkman. This was the artist's first Melbourne exhibition which encompassed the Surfers Paradise drawings and paintings series. These were done with the assistance of a Visual Arts Board grant which she received in 1977. The work was a vivid exposé of life at Surfers Paradise.

☐ Against the Brain: Tim Burns. This exhibition consisted of screenings of Tim Burns' new film which described urban terrorism in
Australia, together with documentation in the form of a script for his next film 'Against the Grain'. This display included photographs by Sandy Edwards (stills photographer for the film). The exhibition was topical as well as providing the public access to processes involved in his script development for the film.

There is no Centre: Sam Schoenbaum. The exhibition consisted of audio tapes, super eight film and magazine pages. The audio tapes ran continuously on four separate audio systems and created a sound environment in the Gallery. The magazine pages elaborated on American life, and the films were a personal explicit exposure of the artist's life in New York.


Robert Cumming: Photographs and Props. An American artist whose exhibition showed the development of his work over a three year period in both colour and black and white together with a display of some of his related props.

At Home Ladies a Plate: Lyndal Jones. A performance which was carried out over a week in the George Paton Gallery.

Eight other exhibitions were presented by artists who had not shown independently in Melbourne (Gingie Johnson and Dan Wollmering, Maurie Hughes, Sandra Bell and Luigi Fusinato, Charles McLennan, Trevor Graham, Rosemary Adam, Mary Rosengren, Bob Ramsay and Leigh Hobba, and Ruth Maddison). These covered installations, sculpture, painting and photography.

Altogether there were no researched or 'ideas' shows in 1979. There were several of complexity, in terms of organization, and vitality in terms of public experience. They included an exhibition of holograms by Margaret Benyon; the Cantrills' film season (a retrospective of their film work); and the screening of the Los Angeles Women's Centre videotapes during Candace Compton's visit to Australia.

In contrast to the 1978 programme, the Gallery presented an almost equal number of exhibitions and related activities. This was mainly because of the large number of visiting overseas people for the Biennial of Sydney. Lectures, discussions and/or film screenings were presented by Jill Scott, Tim Head, Hamish Fulton, Daniel Buren, Mario Merz, Marina Abramovic-Ulay, Jurgen Klauke, Ulrike Rosenbach, Robert Cumming, Candace Compton, Richard Martin, Germano Celant, Nicholas Pope and Jutta Bruckner.

In addition, an extract from the play Traitors was performed by the APG, a poetry reading by the 9.2.5. Group; Spiel, a music/theatre piece for an actor, actress and musician by Ken Gunter; and a screening of Rebecca Horn's Der Eintanzer.

The year was extremely busy, particularly in terms of related activities. This has, however, continued and consolidated the idea of the
Ewing and George Paton Galleries as a meeting place and as a place where both historical and experimental art can be seen.

About 21,000 people visited the Gallery in 1979 and attended related activities.

In March, 1979, the Assistant Director Meredith Rogers left the Galleries and Judy Annear replaced her in April, 1979.

Once again the Gallery was fortunate to receive grants from the Visual Arts Board, Australia Council and the Australian Gallery Directors’ Council.

Student theatre activity was once again diverse, stimulating and energetic. The reformed Committee for University Drama (CUD), acting in concert with the Union Board’s Theatre Sub-committee, the University’s Theatre Board and, especially, the Union Theatre Department was effective in helping to organize an efficient bureaucratic structure although there is still a need to publicize student theatre more effectively.

Encouragingly, however, audiences remained good and it can truthfully be said that only one or two major productions failed to break even at the box office. It has become clear that the Guild Theatre, except for large cast shows, is the more economically suitable for the staging of student plays.

Throughout the year there were regular film seasons and, as in the past, both the Union and Guild Theatres were extensively used by student, graduate, faculty and external organizations for films, plays, concerts and meetings. With regard to cinema, it must be noted that audiences are becoming scarcer; any number of explanations may be forwarded for this trend but the greater competition presented by recently opened local cinemas has had an effect. The time is coming too, when serious consideration must be given to the refurbishing, up-dating and re-equipping of the Union Theatre.

The acting workshops and classes in acting, dancing and movement were well attended but, because these activities are entirely extracurricular, student involvement tends to decrease as examinations approach. It is crucial that students who wish to acquire basic theatrical skills should have the opportunity to do so without appearing in productions.

Mr Norman Kaye, at the instigation of the University’s Theatre Board, was in residence in the second half of the year as Dramaturge. He worked thoroughly and creatively on a number of student written plays, some of which will be performed in 1980 under the auspices of the Union Theatre Department.

At the end of Mr Henry Lanzer’s term on the Board, Mr Peter Anthonsen was elected to replace him as Chairman of the Board. Mr Peter Dimsey followed Mr Anthonsen as Union Council Chairman, and Messrs Anthonsen and Russell Miller and Ms Gabrielle Pahlow were elected to the Board after Messrs Lanzer, James Fan and Gordon Gebbie completed their terms of office.

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UNIVERSITY SPORT

University sport continued to develop under the guidance of the Recreation Grounds Committee (Chairman, Mr A. L. Lazer) and Sports Union (President, Ms C. McKinna), the Director of Sport and Physical Recreation Mr D. C. Boosey being Executive Officer to both these bodies.

A number of projects on the recreation grounds was completed. The four tennis courts were changed from en-tout-cas to an all-weather 'plexipave' playing surface and new fencing and floodlights were added, enabling playing hours to be extended. The pine bark jogging track referred to in the 1978 Report was completed.

Major maintenance and repair work was carried out throughout the Beaurepaire Centre and on the pavilion and grandstand. The above projects were all made possible by a grant of $86,000 from the University from non-Commonwealth Funds.

Five additional squash courts were constructed with the completion date being January, 1980. Two of the new courts are glass backed to allow for coaching and to cater for more spectators during matches. The funding for this project came from a $200,000 loan raised by the Recreation Grounds Committee to be repaid over 12 years.

During 1979, plans were developed for an air hall to be constructed on top of the existing Sports Centre. This structure will be one of the few of its type in Australia, although air halls are common in Europe and USA. The function of the air hall is to provide an additional indoor games area. The University has granted $126,000 towards the cost of this project and the Sports Union will be contributing an additional $25,000 to the project.

The range of services available to members was extended with the appointment of a fitness test co-ordinator and the opening of a sports shop in the Sports Centre. Members were able to undertake a comprehensive fitness test covering areas such as aerobic test capacity, body fat measurement and grip strength. Written results were made available to help them to plan their own fitness programmes.

Sport and physical recreation continued at levels ranging from the elite, as in the World Student Games (Universiade) and intervarsity competition to interclub and inter-collegiate to the intra-mural lunch time competition. The Sports Union Annual General Meeting attracted 700 members and among various constitutional amendments passed at this meeting was an amendment to allow inter-collegiate student representation on the Sports Union Council and an amendment to have elections carried out by ballot instead of a show of hands at the Annual General Meeting as previously.

THE GRADUATE UNION

The year was eventful but not unsuccessful. Graduate House continued as a social centre for the 5,500 members of the Graduate
Union and as a temporary home for 55. The dining room is bringing graduates together and is assisting the House financially. The monthly luncheons and the dinner-discussions (dine-ins) enabled the Union to increase its knowledge and friendship over good food. While some members took advantage of the Stillwell Room to read newspapers and journals, to drink coffee and to listen to recorded music, others used the Sir William Johnston Library for more serious reading.

Occupancy of the residential sections of Graduate House was high and it is hoped that the demand for rooms, whether for overnight, short, medium or long-term periods, will continue to grow.

The reciprocal arrangements for the sharing of privileges with overseas clubs is a promising new benefit for members. During a visit to the Ontario region of Canada, the Secretary-Warden went to several university clubs which have agreed to an exchange of privileges for members. There are administrative details to be worked out but this arrangement is expected to stimulate the interest of graduates.

The Union continued to pursue its first constitutional object to promote the welfare of the University of Melbourne by soliciting direct contributions to the Graduate Fund or having members add something to their annual subscription payments, by accommodating (often at very short notice) departmental visitors and postgraduate scholars, by making available to the University our membership lists and by forming a link between the University and graduates.

MELBOURNE UNIVERSITY PRESS

The Press published 29 books under its imprint in the calendar year 1979. Twenty-one were new titles and eight were new editions or reprints of existing works. Among the latter category, all four volumes of Manning Clark: A History of Australia were issued for the first time in paperback format.

A limited edition (527 copies) was published of Micomicana, by Norman Lindsay, at $500 a copy. The edition sold out almost upon publication day. Another distinguished and successful work was the Journal of Ludwig Becker, edited by Marjorie Tipping. The multivolume series Australian Dictionary of Biography was continued with the appearance of volume 7. Authors of other works included Sir Macfarlane Burnet, Sir Zelman Cowen and Sir Paul Hasluck; The Office of Governor-General by Hasluck was in such demand that it needed to be reprinted within a few days of publication.

The publishing activities of the Press were, as for many years past, sustained from its own revenues and without recourse to cash subventions from the University.

Sales of Melbourne University Bookroom continued to rise substantially, in contrast to the position in many other university bookshops.
The Bookroom maintained its policy of keeping prices as low as possible, and allowed discounts on a more generous scale than those generally available elsewhere.

Melbourne University Press now balances its accounts on 30 September each year (i.e. not at the end of the calendar year). For the year ended 30 September, 1979, total sales were $2,914,184 and an operating surplus of $351,991 was earned.

MELBOURNE THEATRE COMPANY

The year was especially notable for the Melbourne Theatre Company because of the opening of Athenæum 2, an intimate venue constructed in the old Art Gallery in the Athenæum building. Seating 100 patrons on two levels, Athenæum 2 provides an exciting environment for the production of both classical and contemporary plays, and creates an actor/audience relationship different from that provided by our other venues. Athenæum 2 opened in September with a new Australian play, In DutyBound, directed by Judith Alexander, which was followed by John Sumner’s studio production of Hamlet, and David Edgar’s adaptation of The Jail Diary of Albie Sachs, directed by Judith Alexander.

Once again the Company’s main activities were focused on a two-part season of plays. Season 26 Part 1 opened in the Athenæum Theatre with John Sumner’s production of Macbeth, followed by Ray Lawler’s production of Shaw’s Arms and the Man, Bruce Myles’ production of Chekhov’s Uncle Vanya and the production by visiting English director, Peter James, of Sheridan’s The Rivals.

The Russell Street Theatre season opened with a visit from Sydney’s Nimrod Theatre Company in Steven Berkoff’s dramatization of Kafka’s Metamorphosis. A return season of David Williamson’s popular The Club followed, in a production by Simon Chilvers, and the first part of Season 26 concluded with Bruce Myles’ production of Rob George’s play, Errol Flynn’s Great Big Adventure Book for Boys.

A production by visiting director Frank Hauser of Ben Jonson’s The Alchemist opened Season 26 Part 2 in the Athenæum Theatre. The Nimrod Theatre Company followed this with a production of David Williamson’s Travelling North, and the season concluded with two further productions by Frank Hauser: Cinderella, a pantomime, also written and composed by Mr Hauser, and Harold Brighouse’s famous comedy Hobson’s Choice.

The premiere presentation of a new play by Barry Oakley, Marsupials, opened Season 26 Part 2 in Russell Street Theatre. This Bruce Myles production was followed by a return of Ray Lawler’s extremely popular production of Mary O’Malley’s Once a Catholic, and by Harold Pinter’s newest play Betrayal, directed by John Sumner.

Once a Catholic had toured to Sydney’s Theatre Royal between its
two Melbourne seasons, and *Betrayal* was successfully toured to Canberra's Playhouse and to Sydney's Nimrod Theatre before its Melbourne opening.

During the year, several distinguished artists visited Melbourne for the Company. Frank Hauser, whose 1978 visit had proved so instructive and popular, returned for three productions, and Peter James, who had first directed for MTC in 1973, brought us his vast experience of English high comedy. Young designer Tanya McCallin, who grew up in Australia, and who is now much in demand overseas, returned here to design four plays, and Australian actress June Jago, who originally left Melbourne with the first production of *Summer of the Seventeenth Doll*, returned under MTC sponsorship. MTC also brought out Steven Berkoff to restage his Nimrod Theatre production of *Metamorphosis*, and among guests from Sydney was leading actor John Bell, who directed *Travelling North*.

Tributary Productions continued its work of providing Sunday afternoon Readings for Playwrights. Eight new plays were publicly read, and a production of *The Hypothetical End of Bert Brecht* by Jan and Martin Friedl was produced for one week in Russell Street Theatre. These public performances of the work of new or experimental writers have met with approval by audiences, and at least two of the plays selected are to be given full productions during 1980.

*Curtain Up*, which originated in 1978, continued its scheme of bringing substantial numbers of country people to the theatre in Melbourne. Free buses brought approximately 800 people from 10 country centres on regular visits to MTC attractions.

A highly successful project that began during 1979 was *Schools' Days*. Designed to show senior high school students not only plays in performance but also the behind-the-scenes aspects of theatre, *Schools' Days* bring teachers and students together with MTC actors, directors, designers and theatre craftsmen in day-long sessions which include discussion and demonstrations as well as a performance. During the year, more than 8,000 teachers and students attended 14 *Schools' Days*.

The Company's Youth Training Programme held regular workshop sessions for young enthusiasts three times a week during the year. During 1979, Melbourne Theatre Company gave 893 performances, and total paid attendances numbered 402,567.

**THE UNIVERSITY ASSEMBLY**

The year proved particularly productive for the Assembly. Several long-running working groups completed their investigations, and the Assembly was able to place before the University for consideration a number of major reports on matters of University concern. Reports on genetic engineering, untenured staff, and voluntarily discontinuing
students were widely circulated and led to a number of recommendations being made to appropriate University bodies; the report on genetic engineering received the particular commendation of Council. Significant reports were also produced on disputes resolution procedures, clinical legal education, special consideration and confidentiality.

The Assembly's sixth annual elections occurred in May to fill 35 places for general representatives. Fifty-eight candidates stood for election. The newly elected were made up of 16 staff members, 18 students, and three graduates (two casual vacancies also were filled). Categories of students, staff, and graduates of course overlap considerably; many staff and students, for example, are also graduates.

The Second Assembly Week was held from 2-6 April on the topic of 'The University and Money'. A different format was adopted from the Week in 1978, and the number of separate forums was reduced. A number of speakers canvassed the options for the University in the face of the current financial stringencies. The proceedings of Assembly Week 1978 were published in 1979 as a monograph entitled 'The Victorian University in the Late Twentieth Century'.

Mr P. Grayson, Executive Officer of the Office for Continuing Education, resigned as Chairperson of the Assembly during 1979 and was replaced by Ms S. Nixon, a member of the staff of the Student Counselling Service.

The Assembly continued to produce Assemblage, a journal of University events and opinions, to produce topical wallsheets, and to organize forums on problems of University interest; in 1979 a series of forums was held on untenured staff. The Assembly also expanded its communications capacity by producing a fortnightly radio programme on 3RRR Educational Radio. In line with the Assembly's policy of encouraging general debate within the University, a number of the Assembly's reports were produced as monographs.

As well as the topics mentioned earlier, the Assembly discussed and made recommendations on continuing education, student participation, innovations in the University and the Grainger Museum. Assembly working groups continued to work on the problems of technology, deferred and leave of absence students, untenured staff, admissions policy and the University master plan.
STAFF

READERS

During the year the following appointments were made (* indicates previous appointment in a University of Melbourne Department):
*Dr Z. Barnea, Physics.
*Dr R. G. Beilharz, Agriculture and Forestry.
*Dr G. D. Burrows, Psychiatry.
*Dr C. N. Chesterman, Medicine (St Vincent's Hospital).
*Dr R. Cooper, Physical Chemistry.
Dr G. S. Harman, Centre for the Study of Higher Education.
*Dr D. G. Parbery, Agriculture and Forestry.
*Dr M. D. Rickard, Veterinary Paraclinical Sciences.

APPOINTMENTS

The following staff members, not including Professors or Readers, accepted appointment during the year, or were promoted:
Dr R. Allen, as a Clinical Supervisor in the Austin Hospital Clinical School.
Mrs P. A. Alonso, as a Temporary Lecturer in Town and Regional Planning.
Dr C. R. Bassett, as a Temporary Senior Lecturer in Veterinary Science.
Mr G. L. Benwell, as a Lecturer (Limited Tenure) in Surveying.
Dr J. D. Best, as a Temporary Lecturer (fractional full-time) in Medicine (St Vincent's Hospital).
Mr A. Borowski, as a Lecturer (Limited Tenure) in Social Studies.
Dr D. Bradley, as a Temporary Lecturer in English.
Dr P. J. Brain, as a Senior Research Fellow (Extendible Tenure) in the Institute of Applied Economic and Social Research.
Dr J. E. Breheny, as a part-time First Assistant (Limited Tenure) in Obstetrics and Gynaecology (Mercy Hospital).
Dr J. L. Breschkin, as a Queen Elizabeth II Fellow in Microbiology.
Dr A. Brightling, as a Temporary Lecturer in Veterinary Science.
Dr A. W. H. Buffery, as a Senior Lecturer (Limited Tenure) in Psychology.
Mr J. P. Burns, as a Lecturer in Political Science.
Dr L. A. Bursill, as a Lecturer in Physics.
Mrs W. B. Calder, as a part-time Temporary Lecturer in Town and Regional Planning.
Dr J. Camakaris, as a Lecturer in Genetics.
Dr A. Carmichael, as a Temporary Lecturer in Paediatrics.
Mr V. A. Clark, as a Temporary Lecturer in Middle Eastern Studies.
Dr C. J. Coakley, as a Clinical Supervisor in Paediatrics.
Mr W. G. Cole, as a Temporary First Assistant (fractional full-time) in Paediatrics.
Dr M. A. Connor, as a Lecturer in Chemical Engineering.
Dr E. L. Conway, as a Research Fellow Grade 2 in Medicine (Austin Hospital).
Dr M. J. Crossley, as a Research Fellow Grade 2 (Limited Tenure) in Organic Chemistry.
Dr J. M. Court, as a part-time First Assistant in Paediatrics.
Dr D. R. Cox, as a Lecturer in Social Studies.
Mr G. A. Cox, as a Lecturer (Limited Tenure) in Music.
Dr G. E. Cox, as a Senior Lecturer (Limited Tenure) in Microbiology.
Mr F. G. Curry, as a Lecturer in Law.
Dr B. V. Denehy, as a Lecturer (Extendible Tenure) in Physics (R.A.A.F. Academy).
Mrs E. R. Dines, as a Lecturer (fractional full-time) in Education.
Mr T. I. Dix, as a Temporary Lecturer in Computer Science.
Mr G. L. R. Dixon, as a Senior Research Fellow (Extendible Tenure) in Institute of Applied Economic and Social Research.
Dr P. C. Dobson, as a Senior Lecturer (Limited Tenure) (fractional full-time) in Obstetrics and Gynaecology (Mercy Hospital).
Mr G. A. Donnan, as a Temporary Lecturer (fractional full-time) in Medicine (Austin Hospital).
Dr N. Elzenberg, as a Lecturer (Limited Tenure) in Anatomy.
Dr S. N. Farrall, as a University of Melbourne Research Fellow in French.
Ms S. A. Feik, as a Lecturer (Limited Tenure) in Conservative Dentistry.
Dr G. I. Feutrill, as a Lecturer in Organic Chemistry.
Dr B. L. Finlayson, as a Lecturer in Geography.
Dr J. F. Forbes, as a Senior Lecturer (Limited Tenure) in Surgery (Royal Melbourne Hospital).
Professor A. J. Francis, as a Temporary Lecturer in Engineering.
Dr P. Ghosh, as a University of Melbourne Research Fellow in Chemical Engineering.
Dr A. J. W. Gleadow, as a Research Fellow Grade 2 in Geology.
Dr J. B. Gormly, as a Lecturer in Psychology.
Mr F. G. Gurry, as a Lecturer in Law.
Dr E. A. Haan, as a Temporary Lecturer in Paediatrics.
Ms J. Hallenstein, as a Research Fellow Grade 2 in Political Science.
Mr N. Haritos, as a Lecturer (Limited Tenure) in Civil Engineering.
Dr R. Harris, as a Temporary Lecturer (Clinical) in Medicine (St Vincent's Hospital).
Dr X. Hartley, as a Lecturer (Limited Tenure) in Education.
Dr K. D. Hay, as a Lecturer in Dental Medicine and Science.
Dr R. J. Head, as a University of Melbourne Research Fellow in Medicine (Austin Hospital).
Dr J. M. Hearn, as a Lecturer (Extendible Tenure) in Graduate School of Business Administration.
Dr R. D. Hocking, as a Lecturer (Limited Tenure) in Economics.
Dr J. H. G. Holmes, as a Senior Lecturer (Limited Tenure) in Agriculture and Forestry.
Mrs S. B. Horne, as a Temporary Lecturer (fractional full-time) in Social Studies.
Dr M. R. Houchin, as a Temporary Lecturer in Inorganic Chemistry.
Dr E. J. Howlett, as a Lecturer (Limited Tenure) in Biochemistry.
Dr C. J. Humphries, as a Research Fellow Grade 2 in Botany.
Dr J. E. Hutchinson, as a Temporary Lecturer in Mathematics.
Dr A. A. Hutchison, as a Temporary Lecturer in Obstetrics and Gynaecology (Royal Women's Hospital).
Dr B. Jarrott, as a Senior Lecturer in Medicine (Austin Hospital).
Dr G. C. Johnson, as a Temporary Lecturer in Agriculture and Forestry.
Mr J. H. Johnston, as a Senior Research Fellow in Veterinary Clinical Sciences.
Dr H. Jonas, as a Research Fellow Grade 2 (fractional full-time) in Obstetrics and Gynaecology (Royal Women's Hospital).
Dr K. Keuneman, as a Lecturer in French.
Mr R. Kohoutek, as a Lecturer (Limited Tenure) in Civil Engineering.
Dr P. Y. Ladiges, as a Lecturer in Botany.
Mr R. S. Lancy, as a Lecturer in Law.
Dr R. C. Lile, as a Temporary Lecturer in Meteorology.
Mrs A. Logan, as a Lecturer in Town and Regional Planning.
Dr J. C. McBain, as a Lecturer (Limited Tenure) in Obstetrics and Gynaecology (Royal Women's Hospital).
Dr E. McCairns, as a Research Fellow Grade 2 in Paediatrics.
Mrs D. McDonald, as a Research Fellow Grade 2 in the Institute of Applied Economic and Social Research.
Mrs W. A. McDonald, as a Research Fellow Grade 2 (fractional full-time) in Mechanical Engineering.
Mr L. R. McGinley, as a Temporary Lecturer in Accounting.
Dr O. Mace, as a Research Fellow Grade 2 in Physics (R.A.A.F. Academy).
Dr I. Manning, as a Research Fellow Grade 2 in the Institute of Applied Economic and Social Research.
Ms D. Manwaring, as a Temporary Lecturer (fractional full-time) in East Asian Studies.
Dr G. C. Mason, as a Temporary Lecturer in Physics.
Dr P. Mateti, as a Lecturer in Computer Science.
Dr R. Melick, as Associate Dean of the Clinical School (Royal Melbourne Hospital).
Dr J. Mendeloff, as a Temporary Lecturer in Political Science.
Mr I. W. Miles, as a Temporary Lecturer in Geography.
Mr J. T. Miller, as a Lecturer in Political Science.
Mr R. H. Millikan, as a Lecturer in Education.
Mr R. A. Minasian, as a Lecturer (Limited Tenure) in Electrical Engineering.
Mr R. M. Mitchell, as a Temporary Lecturer in Physics.
Dr F. H. W. Morley, as a Senior Research Fellow (Limited Tenure) in Veterinary Clinical Sciences.
Dr I. Morrison, as a Lecturer (Limited Tenure) in Veterinary Clinical Sciences.
Mr J. N. Gates, as a First Assistant (Limited Tenure) in Obstetrics and Gynaecology (Mercy Hospital).
Mr B. C. H. Ong, as a Research Fellow Grade 2 in Medicine (Austin Hospital).
Mr T. A. Patton, as a Lecturer (Limited Tenure) in Civil Engineering.
Mr A. F. T. Payne, as a Lecturer (Extendible Tenure) in Graduate School of Business Administration.
Dr R. Penman, as a Research Fellow Grade 2 in Psychiatry.
Dr D. L. Porter, as a Temporary Lecturer in Genetics.
Dr W. L. Potter, as a Senior Lecturer in Veterinary Clinical Sciences.
Dr R. L. Prince, as a Lecturer (Limited Tenure) in Medicine (Austin Hospital).
Dr D. F. Radcliffe, as a Lecturer (Limited Tenure) in Chemical Engineering.
Dr L. L. Reti, as a Temporary Senior Lecturer in Obstetrics and Gynaecology (Royal Women's Hospital).
Dr R. E. Reuter, as a Temporary Lecturer in Veterinary Paraclinical Sciences.
Mrs L. Rodopoulos, as a Temporary Lecturer in Social Studies.
Mr D. S. Russell-Head, as a Research Fellow (Limited Tenure) in Engineering.
Dr C. A. Saunders, as a Senior Lecturer in Law.
Dr H. J. Schuh, as a Lecturer in Statistics.
Mr P. B. Seddon, as a Lecturer in Accounting.
Mr R. D. Seifman, as a University of Melbourne Research Fellow in Law.
Dr K. Semmens, as a Senior Lecturer (Limited Tenure) in Community Health.
Dr Z. Shavitzky, as a Temporary Lecturer in Middle Eastern Studies.
Dr A. D. Shulman, as the Ashworth Lecturer in Psychology.
Miss M. J. Simms, as a Temporary Lecturer in Political Science.
Mr P. Singh, as a Research Fellow Grade 2 in Physiology.
Dr G. Smith, as a Lecturer in Optometry.
Dr N. R. Smith, as a Research Fellow Grade 2 in Mathematics and Meteorology.
Dr E. A. Sonenberg, as a Lecturer (Extendible Tenure) in Physics (R.A.A.F. Academy).
Dr R. K. Sood, as a Temporary Lecturer in Physics (R.A.A.F. Academy).
Mr B. L. Stewart, as a Lecturer (Limited Tenure) in Dental Prosthetics.
Dr R. J. Summers, as a Senior Research Fellow in Medicine (Austin Hospital).
Mr A. E. Talbot, as a Lecturer in Accounting.
Dr Y. C. Tong, as a Research Fellow Grade 2 in Otolaryngology.
Dr R. L. Travers, as a Senior Research Fellow (part-time) in Medicine (Royal Melbourne Hospital).
Dr P. W. Trembath, as a Temporary Senior Lecturer in Medicine (Royal Melbourne Hospital).
Dr B. M. Tress, as a First Assistant (Limited Tenure) in Radiology.
Dr R. Wetherbee, as a Temporary Lecturer in Botany.
Dr M. B. Wheeler, as a Lecturer (Limited Tenure) in Anatomy.
Mr A. P. W. Williams, as a Lecturer (Limited Tenure) in Town and Regional Planning.
Dr R. F. Woodruff, as a Temporary Senior Lecturer (fractional full-time) in Medicine (Austin Hospital).
Mr A. A. Woodward, as a part-time Temporary Lecturer in Paediatrics.
Dr R. H. Wrigley, as a Temporary Lecturer in Veterinary Clinical Sciences.
Ms H. Wong Sandor, as a Temporary Lecturer in Political Science.
RESIGNATIONS

Dr T. J. Blake, Lecturer in Agriculture and Forestry.
Dr D. Bradley, Lecturer in English.
Dr R. A. Brandenberg, Research Fellow Grade 2 in Physics.
Dr I. J. Clarke, Research Fellow Grade 2 in Physiology.
Dr G. C. Dandy, Research Fellow Grade 2 in Centre for Environmental Studies.
Dr C. C. Gay, Senior Lecturer in Veterinary Science.
Dr J. Gormly, Lecturer in Psychology.
Mr K. W. Hince, Senior Lecturer in Economics.
Dr G. C. Johnson, Lecturer in Agriculture and Forestry.
Mr A. J. Johnston, Lecturer in History.
Dr D. A. Kemp, Senior Lecturer in Political Science.
Dr D. C. Limerick, Senior Lecturer in Graduate School of Business Administration.
Miss C. M. Novarra, Lecturer in Social Studies.
Mr R. B. Pliner, Lecturer in Law.
Dr P. F. Price, Research Fellow Grade 2 in Physics.
Dr D. I. Pullin, Lecturer in Mechanical Engineering.
Dr G. G. Quail, Senior Lecturer in Anatomy.
Dr G. L. Rao, Research Fellow Grade 2 in the Centre for the Study of Higher Education.
Dr W. Reynolds, Lecturer in Veterinary Science.
Dr R. B. Scotton, Senior Research Fellow in the Institute of Applied Economic and Social Research.
Dr J. Shaw, First Assistant in Medicine (Royal Melbourne Hospital).
Dr R. D. Slonek, Lecturer in Russian.
Mr R. J. S. Thomas, Senior Lecturer in Surgery (Royal Melbourne Hospital).
Dr D. A. Titchen, Reader in Veterinary Clinical Sciences.
Mr. K. J. Virdi, Lecturer in Civil Engineering.
Dr J. S. Wiley, Second Assistant in Medicine (Austin Hospital).

RETIREMENTS

Dr E. L. French, Reader in Education.
Dr K. Grice, Associate Dean in the Clinical School (Royal Melbourne Hospital).
Professor R. F. Henderson, Director of the Institute of Applied Economic and Social Research.
Dr J. O. Lavarack, Reader in Anatomy.
Professor G. F. Loughlin, Reader in Music.
Miss L. J. McConchie, Lecturer in Physical Education.
Dr N. C. R. Merrillees, Reader in Anatomy.
Dr W. D. B. Watson, Lecturer in Victorian Institute of Secondary Education.

OBITUARY


SPECIAL STUDIES PROGRAMME

Dr Marion Adams, Germanic Studies, studied German literature and language at the University of Jena in Weimar on nomination by the Australian National Commission for UNESCO. She also studied at the Literature Archive in Marbach, West Germany.
Mr R. McD. Anderson, Neuropathology, worked as a Visiting Fellow in the Department of Neuropathology of the National Hospital for Nervous Diseases, London, for
Mr D. E. Angus, Civil Engineering, conducted research at the Department of Forestry and Natural Resources, University of Edinburgh, on the measurement and modelling of water use by coniferous forests. Besides visiting a variety of institutions to discuss engineering, agriculture and hydrology, he wrote a textbook on environmental physics, with special reference to the biosphere.

Mr J. H. Arundel, Veterinary Clinical Centre (Werribee), spent six months in Kenya in the Veterinary School, University of Nairobi, investigating the hydatid disease problem in man in north-west Kenya and use of cysticercoses vaccine.

Mr V. Austin, The Horwood Language Centre, spent most of his study programme in Yugoslavia attending classes in Serbo-Croatian at the Institute of Foreign Languages, Belgrade. He later visited centres for language teaching in London and Paris.

Dr E. C. F. Bird, Geography, spent his study programme on compilation of data on changing coastal environments in North America, Britain, Scandinavia and Indonesia by means of field work and discussions with members of the Commission on the Coastal Environment. He collected material for revision of his textbook Coasts and made plans for an encyclopaedia of World Shorelines. During three visits to Indonesia on behalf of the United Nations University, he acted as project co-ordinator for their research programme and training in coastal resources management.

Mr G. D. Bradshaw, Education, attended a number of conferences concerned with education and psychology in Norway, West Germany and England, besides visiting several institutions to discuss current problems in the selection of students for tertiary programmes in Britain, Sweden and Denmark.

Mr H. P. Brown, Civil Engineering, spent most of his study programme working at Cambridge Systematics Inc. and Massachusetts Institute of Technology in the United States in the areas of travel demand modelling and transport economics. He later worked at the Greater London Council examining travel demand forecasting and traffic management techniques.

Mr R. A. Carter, Regional and Urban Economic Studies, worked as a visiting research fellow to the Industry and Employment Section, Policy Studies Intelligence Branch, Greater London Council, visited several universities in Britain and Europe to discuss urban planning economics. He presented a paper at the 3rd Canadian Regional Science Association meeting at Victoria, B.C. and visited major cities in USA.

Dr B. A. Christie, Veterinary Clinical Sciences, worked at the University of Pennsylvania School of Veterinary Medicine during his study programme during which he prepared four research papers for presentation.

Mr T. W. Chu, Architecture and Building, undertook a study programme and established liaison with the Institute for Basic Research in Civil Construction and the Department of Architecture at Zurich, Switzerland. He later visited England to study development of leisure centres with the Sports Council of U.K., the University of Bath and York Institute of Advanced Architectural Studies.

Professor S. D. Clark, Law, attended international seminars on water resources law and administration during study leave in France and Britain, besides compiling the final report for the Australian Water Resources Council on the law and administration of groundwater in Australia. He visited the Scott Polar Research Institute at Cambridge and the Food and Agricultural Organization of U.N. in Rome.

Dr R. Colton, Chemistry, worked in England at the University Chemical Laboratory at Cambridge where he studied carbon-13 nuclear magnetic resonance spectroscopy in the area of metal carbonyl systems. He visited by invitation research seminars at several British universities and the Imperial College, London.

Mr B. Conyngham, Music, carried out research into music of the second half of the twentieth century, techniques of composition teaching and computer applications to music in London, Paris and visited various universities and other teaching institutions.
Dr R. A. Craig, Physical Chemistry, spent his programme in Britain and the United States working at the University of East Anglia, Norwich, Florida State University, Tallahassee, Florida and the University of Utah, Salt Lake City, Utah, on computer software modifications, data collection and processing and quantum mechanics.

Dr D. P. Crankshaw, Surgery (Royal Melbourne Hospital), evaluated recent advances in patient monitoring techniques and to gain experience in research into the effects of anaesthetic drugs on the nervous system while in California.

Professor G. W. Crock, Ophthalmology, undertook a consultancy post for the World Health Organization's Western Pacific Region in Manila to assist in the organization, conduct and reporting of a bi-regional working group meeting on the prevention of blindness.

Mr. L. G. Cupper, Economics, undertook research into industrial relations while a Visiting Fellow in the Industrial Relations Research Unit of the Social Research Council at the University of Warwick, England and later in the 'School for Workers', the University of Wisconsin's Department of Labour Education.


Dr P. E. Debenham, Psychiatry, worked as a Visiting Research Worker at the Institute of Psychiatry and the Maudsley Hospital, London and visited sleep laboratories in Britain and the United States.

Dr D. Dewhurst, Electrical Engineering, attended the XII International Conference on Medical and Biological Engineering in Israel to present a paper and represent Australia at the general assembly meetings. En route, he visited universities in Britain.

Mr D. M. Douglas, RAAF Academy, studied recent developments in the teaching of first-year science courses at the University of Stirling, Scotland, where he carried out laboratory work in the Chemistry Department.

Mr G. Ellender, Conservative Dentistry, undertook work on collagen-metal interactions and on collagen synthesis in the Physiology Department of University College, London. He also visited dental factories in Germany and dental schools in Britain.

Dr J. L. Forbes, Surgery (Royal Melbourne Hospital), attended the National Surgical Adjuvant Breast Project and the Eastern Co-operative Oncology Group meetings in the United States where he visited specialist surgical oncology units and lectured at the Guthrie Clinic at Sayre, Pennsylvania as Visiting Professor.

Dr C. Grawe, Germanic Studies, spent his study programme working on research projects in the Deutsches Literaturarchiv in Marbach, West Germany, and Berlin, working on manuscripts and a study of German drama around 1800.

Miss W. D. Hannah, Education, studied doctoral theses on the relationship between culture and education in the University of London (Senate House) Library and the London Institute of Education Library during study leave.

Mr I. J. Hardingham, Law, studied family property law and the subject of restitution during study leave spent at Oxford and Cambridge Universities. He also visited the Law School of the University of British Columbia at Vancouver.

Mr M. Hill, Industrial Science, studied the structure of Materials Science courses at the University of Bath, undertook an applied research programme in mineral surface chemistry at the University of Bristol and mineral dressing at University College, Cardiff, University of Wales, during study and long service leave in U.K.

Mr E. McL. Holmes, Accounting, was based at Suva, Fiji, during work with the Institute of Social and Administrative Studies, University of the South Pacific, as a fellow in accounting conducting short term training programmes.

Dr V. M. Holmes, Psychology, worked in Paris at the Laboratoire de Psychologie, Centre d'Etude des Processus Cognitifs et du Langage, associe au Centre Nationale de Recherche Scientifique where she presented seminars on the psychology of language. She also visited language laboratories in other European centres, Britain and the United States.
Mr L. J. Jones, Mechanical Engineering, pursued research on the history of technology at the Imperial College, London, where he was accorded the status of Academic Visitor.

Dr R. D. Jordan, English, completed research for a study of John Donne's Anniversaries and wrote a draft for that and other studies at the Bodleian Library while based at Oxford.

Dr A. Kar, Economics, carried out research into the comparative incidence of overtime working in manufacturing industry in Britain, Germany and the United States while based at the National Institute of Economic and Social Research in London.

Dr D. A. Kemp, Political Science, worked as Visiting Fellow at the Center of International Studies, Princeton University, New Jersey, on analysis of data from interviews exploring attitudes to political authority.

Dr D. E. Kennedy, History, was based in London while carrying out research at the British Library on English Puritan thinking of the 16th and 17th centuries. A separate study was undertaken at the Imperial War Museum and the Army Museum in Chelsea (London) on the Western Front in the First World War, 1914-18.

Mr J. Kennedy, Music, spent his study programme in the United States and England visiting university faculties of Music and Music Teaching and attending the ISME Conference at the University of Western Ontario, London, Ontario, before going to London, U.K., to visit the Royal Academy of Music.

Dr G. C. T. Kenny, Medicine, reviewed and prepared for publication a work on the pineal gland of the brain (epiphysis cerebri) and visited academic centres in Europe, Britain and North America.

Miss B. Laby, Statistics, visited the United States as a visitor at the University of Wyoming, Laramie, where she worked on several consulting projects, as well as visiting computer centres at other universities in the U.S.

Dr C. S. Lee, Veterinary Pre-clinical Sciences, spent most of his programme in Cambridge, U.K., carrying out work on the ultrastructure and cytology of the mammary gland of the cow. He returned through North America and visited several universities for discussions on the teaching of veterinary subjects.

Dr C. J. Louis, Pathology (Austin Hospital), was based mainly at Oxford while investigating the teaching of pathology in the curriculum of various British medical schools.

Dr M. A. McCloskey, Philosophy, travelled to Britain, Europe and the United States to complete research projects and to familiarize herself with the work being done and teaching methods of outstanding philosophers in her field.

Dr M. W. McCulloch, Pharmacology, worked in the Department of Anatomy, University College, London, on research on the purinergic nervous system. He visited the Wellcome Research Institute and the Glaxo Research Laboratories as well as giving seminars at Strathclyde University and the University of Glasgow.

Dr K. J. McKay, Classical Studies, was based at Abcoude in Holland. He was Visiting Professor in the Greek Department at the Free (Calvinist) University of Amsterdam and conferred with colleagues at London, Bath, Bristol and Cardiff Universities in Britain.

Dr C. D. McKenzie, Physics, spent his study programme in Britain and Europe obtaining further experience in applications of the techniques of nuclear physics to other fields. Besides visiting physics departments at the Universities of Surrey and Manchester, he worked at the Max Planck Institute for Nuclear Physics in West Germany and at the Nuclear Physics Division at Harwell, U.K.

Dr R. J. McLaughlin, Geology, spent his study programme in Northern Australia investigating two geological projects, including visits to several areas with field parties from the Bureau of Mineral Resources.

Dr J. G. McLean, Veterinary Pre-clinical Sciences, worked in the Institute of Animal Physiology, Babraham, Cambridge, to develop assay systems for desaturase enzymes in the conversion of dietary essential fatty acids. He also visited other universities and research institutes in Britain and several universities in the United States.
Dr J. R. C. Martyn, Classical Studies, spent his programme mostly in Europe, including a period as a visiting professor of the University of Toulouse-Le Mirail and later at the University of Leuven. He also toured Israel, the Greek Islands, Turkey, Sicily and the Bay of Naples.

Dr J. S. Martin, Swedish, was based mainly in the Lund-Malmo area of Sweden where he worked on training migrant teachers of Swedish and ethnic languages, and migrant education.

Mr W. R. B. Martin, Chemical Engineering, worked on designing a process for the metallisation of iron ore by direct reduction using natural gas at Monash University before going on to Britain and Europe to study the slow sand filtration of water in connection with purification of sewage. He also visited Sweden and the United States.

Dr R. A. Meares, Psychiatry, explored three different projects on human development; biological psychiatry and aspects of psychotherapy in the United States and Britain.

Dr J. E. T. Merewether, Industrial Science, spent his programme principally in three areas of the United States and Canada visiting universities and industrial plants engaged in paper pulp production and related research into lignin and its recovery and means of prevention of pollution by pulp mills.

Dr N. Mirza, Middle Eastern Studies, visited several Middle Eastern countries to undertake research on contemporary Arab Society and to study modern methods of teaching Arabic to non-Arabs. He delivered lectures and strengthened ties with universities in the Middle East.

Dr K. D. Muirden, Medicine, visited the World Health Organization in Geneva and attended the IXth European Congress of Rheumatology in Wiesbaden, Germany. He also visited laboratories in Britain and eastern European countries carrying out research in this field.

Dr S. Murray-Smith, Education, spent the major part of his programme in London researching the history of technical education, with special reference to 19th century British influence on its development in Australia. He also examined Australian studies programmes now developing in overseas universities, which he visited briefly en route to London.

Mr B. Nettleton, Human Movement Studies, worked on a research project concerned with the role of the teacher of physical education in relation to the development of community and school programmes of physical recreation. He also visited community recreation centres and educational institutions in Britain.

Mr H. A. O'Neill, Architecture and Building, visited Indonesia, Singapore, Hong Kong, Malaysia and Japan to gather material for a publication on Indonesian architecture, confer with colleagues and research the work of Japanese architects.

Dr I. C. O'Neill, Civil Engineering, was based at Colorado State University in the United States, involved in studies of mathematical modelling of a range of water resources development projects.

Dr H. J. Orams, Dental Science, worked at Nippon Dental University, Tokyo, on a comparative study of mineralization patterns in marsupial teeth and lectured graduate students. He also lectured and gave seminars at other Japanese dental schools.

Ms M. Plant, Fine Arts, spent her programme visiting galleries and museums and seeing exhibitions and collections in London and the provinces, besides travelling through France, Italy, Sicily, studying art works.

Dr D. Philips, History, was based in London at the Institute of Historical Research in the University of London where he carried out research into significant changes in the philosophy and enforcement of the criminal law in England until the 1830s.

Dr W. J. Ralph, Dental Prosthetics, studied aspects of teaching and research in some British and European dental schools to determine which might be pertinent to the Dental School at Melbourne.

Mr S. N. Ray, Indian Studies, was based at Visva-Bharati University at Santiniketan for most of his study leave in India, during which he carried out research on material
preserved in the Rabindra-Bhavana Archives, and visited other universities, institutions, archives and libraries.

Mr J. Rimmer, Social Studies, spent the major part of his programme at Cambridge University as a visiting scholar where he worked on projects related to teaching and research on Social Studies.

Mr A. V. Robinson, Education, studied in Sweden, mainly at the University of Stockholm. While there he attended the 9th World Congress of Sociology at Uppsala University and was attached to the Institute of International Education.

Mr J. R. W. Robinson, Architecture and Building, accepted the post of visiting lecturer at the University of Reading. He carried out research on life cycle costing and management and visited a number of institutions, government departments and private firms.

Dr L. L. Robson, History, completed work on the first volume of his History of Tasmania while in London. He carried out research on the relationship between Australian soldiers and English soldiers and civilians during the Great War and delivered lectures and seminars at the University of Copenhagen, Denmark.

Professor S. Rosenblat, Mathematics, worked in the United States at a number of universities on a variety of projects, participated in workshops and gave a number of colloquia on research topics.

Dr K. S. Rowan, Botany, was based at Cambridge University where he continued work on the respiration in the ripening of tomato fruit. He also visited research institutes and botany departments at several universities.

Professor G. Russell, English, was Visiting Professor at the University of Durham where he worked on his edition of Piers Plowman.

Ms A. M. Sabbione, Italian, travelled widely in Italy to work on the uses of audio-visual aids and other modern techniques in the teaching of foreign languages and culture.

Dr P. W. Salmon, Agricultural Extension Research Unit, attended the 3rd International Congress on Personal Construct Theory at Breuklen, Holland, and visited research centres in Europe and Britain in connection with his current research.

Mr E. R. Sandstrom, Human Movement Studies, divided his programme between the Biomechanics Laboratory in Pennsylvania State University and the University of Western Australia.

Dr D. G. Sargood, Physics, worked as Visiting Associate at Caltech, Pasadena, California, where he was engaged in experiments to determine the cross sections of a number of nuclear reactions to determine the evolution of stars.

Mr J. D. Sarumpaet, Indonesian and Malayan Studies, completed the text of Modern Usage in Bahasa Indonesia before visiting centres of Indonesian studies in the United States, Britain, Holland and Indonesia.

Dr B. F. Scarlett, Philosophy, was based at Oxford as an academic visitor with access to facilities of the Bodleian Library and the libraries of Corpus Christi College and the Faculty of Education. He continued research in philosophical psychology.

Mr R. D. Scott, Classical Studies, was based at the Centre for Byzantine Studies, University of Birmingham, where he worked on translation of The Chronicle of Theophanes, 284-813, with Professor Cyril Mango of Oxford. Besides revising papers on Byzantine literature, he joined in teaching courses on Byzantine studies.

Dr N. M. H. Smith, Statistics, during his study programme in the United States and Europe, attended the 11th European Statistical Conference in Oslo and gave lectures and held seminars on multi-server queues and storages with non-linear release rules.

Dr V. Sloss, Veterinary Clinical Sciences, spent the major part of his programme as visiting lecturer in the department of Clinical Studies of the Faculty of Veterinary Medicine and Animal Science at the Universiti Pertanian Malaysia, Selangor. He also spent time at Colorado State University and the University of Minnesota, USA.

Dr P. Steele, English, spent nine months in the United States, Ireland and England studying American literature and poetry, modern Irish writers and eighteenth century English literature at Oxford.
Dr J. J. Summers, Psychology, worked at the University of Oregon on the memory representation and production of skilled movements while on study leave in the United States.

Professor R. Sussex, Russian, worked on a book The Slavonic Languages while in London. He made a brief visit to Poland for research into Polish language and linguistics.

Ms J. Templeton, History, was engaged on research in London on post-World War I British Empire civilians and ex-servicemen and the population problem of the 1920s.

Mr D. Thornton, Music, travelled widely in the United States and Canada where he attended the Congress of the International Society for Music Education in London, Ontario. He later travelled to many musical centres of Europe and in England was at the Leeds International Pianoforte Competition.

Ms G. D. Triggs, Law, was based at the Institute for Advanced Legal Studies in London and collected materials for research on Antarctica and international law at the Scott Polar Research Institute in Cambridge.

Dr S. N. Tovey, Physics, worked on nuclear particle acceleration physics while based at the European Organization for Nuclear Research in Geneva which offers the world's best facilities in high energy particle physics.

Professor N. M. Tulloh, Agriculture and Forestry, spent six months as a Visiting Scholar at the University of Cambridge besides visiting other universities in Britain and Europe. He attended the 4th World Conference on Animal Production in Buenos Aires, Argentina.

Mrs C. Turner, Social Studies, continued her research on the introduction of almoner work (or medical social work) as a new occupation for women in Victoria in the 1930s and other studies while based at the London School of Economics.

Dr G. Whelan, Medicine (St Vincent's Hospital), worked at McMaster University, Canada, to complete the Master's course in design, measurement and evaluation and gain experience of medical education at that institution. During a second period he participated in a workshop on Crohn's Disease at Capetown, South Africa.

Mr P. H. M. Williams, Architecture and Building, studied building services in Britain and Europe where he visited universities and professional institutions and consultants' organizations and carried out research on building services and teaching methods.

Dr J. H. Wilson, Agriculture and Forestry, was appointed a visiting scientist attached to the Agrometeorology Section of the Land Resource Research Institute of the Canada Department of Agriculture. He worked on data from an investigation sponsored by the World Meteorological Organization.

Dr R. K. Wilson, Regional and Urban Economic Studies, attended the Regional Science Association European Conference in Cracow, Poland, and after consultations with personnel at the University of Rome and OECD in Paris concerned with Regional policy and urban management and planning, was based at the Open University at Milton Keynes, Buckinghamshire. He later visited Brussels, Washington, D.C. and other institutions in the United States.
GIFTS, GRANTS AND BEQUESTS

The University expresses its gratitude for gifts, grants and bequests received during 1979. These include the following:

**State Government of Victoria and State Government Instrumentalities**

- $243,645 from the Ministry of Conservation for grants to various departments.
- $161,534 from the Department of Health for the Department of Microbiology.
- $55,334 from the Department of Agriculture for the Department of Civil Engineering.
- $42,000 from the Victorian Institute of Colleges for the Centre for the Study of Higher Education.
- $31,840 from Community Welfare Services for Family and Community Services and the Department of Political Science.
- $20,661 from the Department of Education for VUSEB.
- $20,000 from the Department of Mental Hygiene for Psychiatry, Royal Melbourne Hospital.
- $19,212 from the State Treasury for grants to various departments.
- $6,000 from the Ministry for the Arts for the University Gallery.
- $5,000 from the Country Roads Board for the Department of Civil Engineering.
- $4,500 from the Department of Youth, Sport and Recreation for the Institute of Applied Economic and Social Research.

**Australian Government and Australian Government Instrumentalities**

- $1,801,965 from the Department of Health (NHMRC) for the Faculty of Medicine and the Department of Conservative Dentistry.
- $1,159,541 from the Australian Research Grants Committee for various departments within the University.
- $509,575 from the Department of Primary Industry for various departments within the University.
- $477,600 from the Department of Productivity for the department of Otolaryngology.
- $215,610 from the Department of Veterans Affairs as a contribution towards a shared position.
- $89,335 from the Department of National Development for various departments within the University.
- $59,823 from the Education Research and Development Committee for various departments within the University.
- $55,155 from the Department of Health for various departments within the University.
- $54,000 from the Department of Air for the RAAF Physics Research Fund.
$50,000 from the Department of Defence for the RAAF Physics Research Fund.

$34,178 from the Department of Transport for the Department of Mechanical Engineering.

$29,000 from the Department of Labour and Industry for the Department of Otolaryngology.

$19,165 from CSIRO for various departments within the University.

$19,092 from the Australian Housing Research Council for the Faculty of Architecture, Building and Town and Regional Planning.

$18,505 from the Department of Aboriginal Affairs for the Department of Microbiology.

$14,429 from the Department of Education for the Department of Education.

$11,927 from the Department of Science for the Departments of Botany and Microbiology.

$9,500 from the Department of Home Affairs for Department of Human Movement Studies.

$7,600 from the Australia Council for the Department of History, the Faculty of Music, the Artist-in-Residence scheme and the University Gallery.

$7,500 from the Commonwealth Department of Finance for the Centre for the Study of Higher Education.

$6,869 from the Department of the Environment and Conservation for the Department of Surveying and the Language Centre.

$5,000 from the Australian National Parks and Wildlife Service for the Department of Surveying.

$4,300 from the Dairying Research Committee for the Department of Inorganic Chemistry.

$3,500 from the Australian National Parks and Wildlife Service for the Department of Surveying.

Statutory Corporations

$47,005 from the Reserve Bank as grants to various departments.

$29,209 from the Royal Children's Hospital for the Department of Paediatrics and the Veterinary Science Clinical Centre.

$16,600 from the Austin Hospital for the Department of Surgery, Austin Hospital, and the Department of Biochemistry.

$7,243 from the Royal Melbourne Hospital for the Department of Surgery, Royal Melbourne Hospital.

$3,225 from St Vincent's Hospital for the Department of Psychiatry, Royal Melbourne Hospital and the Department of Surgery, St Vincent's Hospital.

$2,500 from the Housing Commission of Victoria for the Department of Town and Regional Planning.
Industry and Commerce

$58,166 from Robbins Pty Ltd for the Department of Mechanical Engineering.

$55,450 from Merck, Sharp and Dohme Australia Pty Ltd for various departments within the University.

$50,633 from the Electrical Research Board for the Departments of Electrical Engineering and Mechanical Engineering.

$41,590 from Australian Paper Manufacturers Ltd for the Department of Organic Chemistry.

$36,883 from Life Insurance Medical Research Fund Australia/New Zealand for the Department of Medicine, Austin Hospital and the Department of Pharmacology.

$21,577 from the Australian Associated Brewers for the Department of Medicine, Royal Melbourne Hospital and the Department of Medicine, St Vincent's Hospital.

$21,353 from Ciba Geigy Australia Ltd for various departments within the University.

$18,750 from Glaxo Australia Pty Ltd for the Department of Medicine, Austin Hospital and Department of Psychiatry, Royal Melbourne Hospital.

$14,760 from E. R. Squibb and Sons Pty Ltd for various departments within the University.

$13,000 from the Australian Institute of Petroleum Ltd, for the Department of Community Health.

$11,000 from Boehringer Ingleheim Pty Ltd for the Department of Medicine, Austin Hospital.

$10,000 from Sandoz Australia Pty Ltd for the Department of Medicine, St Vincent's Hospital and the Department of Medicine, Austin Hospital.

$8,500 from Hoechst Australia Ltd for the Department of Industrial Science, and the Department of Medicine, Austin Hospital.

$8,000 from U.S.V. Australia Pty Ltd for the Department of Medicine, Austin Hospital.

$8,000 from Smith, Kline and French Laboratories Ltd for the Department of Medicine, Royal Melbourne Hospital.

$7,875 from the Victorian Dairy Industry Authority for the Department of Conservative Dentistry.

$6,750 from Esso Australia Ltd for the Geology Scholarship and the Faculty of Engineering.

$6,500 from Servier Laboratories Ltd for the Department of Medicine, Austin Hospital.

$6,500 from Roche Products Pty Ltd for the Department of Medicine, Austin Hospital.

$6,290 from Grieshaber and Company for the Department of Ophthalmology.
$5,900 from Uncle Bens of Australia for the Department of Veterinary Science.
$5,250 from Lilly Industries Pty Ltd for the Department of Medicine, Royal Melbourne Hospital and the Faculty of Veterinary Science.
$5,250 from Australian Consolidated Industries Ltd. for the Appointments Board and the Ellis Stones Memorial Appeal.
$5,000 from Southdown Press for the Ellis Stones Memorial Appeal.
$5,000 from Domedica Pty Ltd for the Department of Medicine, Royal Melbourne Hospital.
$4,500 from Porcellus Pty Ltd for the Arts Faculty Stanford Writing Scholarship 1979/80.
$4,000 from OPSM Pty Ltd for the Department of Ophthalmology.
$3,880 from Vickers Ruwolt Pty Ltd for the Vickers Ruwolt Special Studentship.
$3,000 from Dampier Mining Company Limited for the Department of Plant Sciences.
$3,000 from Groote Eylandt Mining Company Pty Ltd for the Department of Plant Sciences.
$3,000 from Cuming Smith and Company Ltd for the University Archives.
$2,800 from the Myer Emporium Ltd for the Appointments Board and the University Archives.
$2,500 from Astra Chemicals Pty Ltd for the Department of Medicine, Austin Hospital and the Department of Medicine, Royal Melbourne Hospital.
$2,000 from Organon (Australia) Pty Ltd for the Department of Obstetrics and Gynaecology, Royal Women's Hospital.
$2,000 from Aerodata Systems Pty Ltd for the Department of Electrical Engineering.

Legacies
$4,700 from the Estate of the Late R. W. Nicholas for the R. W. S. Nicholas Scholarship.

Trusts, Foundations, Institutes and Associations
$193,493 from the Anti Cancer Council of Victoria for various Medical Departments within the University.
$114,190 from the National Heart Foundation of Australia for various Medical Departments within the University.
$93,967 from the Australian Tobacco Research Foundation for the Department of Medicine, Austin Hospital and the Department of Pharmacology.
$67,694 from the Deafness Foundation (Victoria) for the Nerve Deafness Appeal and the Department of Otolaryngology.
$60,225 from the Utah Foundation for various departments within the University.
$58,245 from the Ian Potter Foundation Ltd for various departments within the University.

$40,955 from the Victor Hurley Medical Research Fund for various medical departments within the University.

$39,995 from the Australian Equine Research Foundation for the Faculty of Veterinary Science.

$35,440 from the Ophthalmic Association of Victoria for the Department of Ophthalmology.

$25,783 from the Australian Road Research Board for the Department of Mechanical Engineering.

$20,100 from the Ophthalmic Research Institute of Australia for the Department of Ophthalmology and the Faculty of Medicine.

$18,671 from the Ford Foundation for the Departments of Physiology and Anatomy.

$18,600 from the Australian Kidney Foundation for various medical departments within the University.

$18,176 from AINSE for various departments within the University.

$17,180 from Clive and Vera Ramaciotti Foundation for the Department of Medicine, Austin Hospital.

$15,200 from the Victorian Institute of Marine Sciences for the Departments of Geology and Inorganic Chemistry.

$15,000 from the Australia Japan Foundation for the Department of Music.

$13,600 from the Police Association for the Department of Criminology.

$10,000 from the Collier Charitable Fund for various departments within the University.

$10,000 from the George Hicks Foundation for the Departments of Ophthalmology and Otolaryngology.

$10,000 from Lions International District 201-V4 for the Department of Ophthalmology.

$8,123 from the Asthma Foundation of Victoria for the Department of Botany and the Department of Medicine, Royal Melbourne Hospital.

$7,500 from the John Claude Kellion Foundation for various Medical Departments within the University.

$7,185 from the Royal Women's Hospital for the Department of Obstetrics and Gynaecology.

$7,000 from the Victorian Law Foundation for the Law School.

$7,000 from the Criminology Research Council for the Department of Criminology.

$6,000 from the Renal Research Institute for the Department of Medicine, Royal Melbourne Hospital.

$5,000 from the Windermere Hospital Foundation Ltd for the Ellis Stones Memorial Appeal.
$5,000 from the Sidney Myer Charitable Trust for the Ellis Stones Memorial Appeal.
$5,000 from the Australian Arthritis and Rheumatism Foundation for the Department of Medicine, Royal Melbourne Hospital.
$5,000 from the James N. Kirby Foundation for the Department of Ophthalmology.
$4,900 from the Cancer Institute for the Department of Medicine, St Vincent's Hospital.
$4,540 from the Australian Gallery Directors Council Ltd for the University Gallery.
$4,000 from the Walter and Eliza Hall Institute for the Department of Veterinary Paraclinical Sciences.
$3,127 from the Graduate Union of the University of Melbourne for the Graduate Fund.
$3,000 from the William Angliss Charitable Fund for various departments within the University.
$2,500 from the Water Research Foundation of Australia Ltd for the Department of Forestry.
$2,000 from the Victorian Tuberculosis Association for the Department of Medicine, Austin Hospital.
$2,000 from the Van Cleef Foundation for Research in Experimental Neurology.

Private Donors
$48,388 from sundry small donors for various purposes.
$45,000 from Dame Elisabeth Murdoch for the Ellis Stones Memorial Appeal.
$42,600 from anonymous donors for various departments within the University.
$30,000 from Mary V. T. Dickson for the Raynes Dickson Scholarship.
$20,000 from Sir Thomas M. Ramsay for the Ellis Stones Memorial Appeal.
$17,900 from Professor G. M. Clark for the Department of Otolaryngology.
$17,375 from Mr J. P. Royle for the Department of Surgery, Austin Hospital.
$15,355 from International House for the Chancellors Fund and the International House Scholarship Fund.
$15,000 from Nicholas and Elizabeth Slezak for the Department of Surgery, Austin Hospital.
$14,800 from Ian F. McLaren for the Baillieu Library.
$10,000 from Mrs J. Law-Smith for the Ellis Stones Memorial Appeal.
$8,888 from the Girl Guides Association of Victoria for the Department of Medicine, Royal Melbourne Hospital.
$8,181 from Dr J. D. Cairns for the Department of Ophthalmology.
$8,050 from the Australian Cancer Society for the Faculty of Medicine.
$8,000 from Professor J. B. Brown for the Department of Obstetrics and Gynaecology, Royal Women's Hospital.
$7,107 from the Australian Society for Clinical and Experimental Hypnosis for the Department of Psychiatry, Royal Melbourne Hospital.
$5,000 from Dr P. F. Bladin for the Department of Medicine, Austin Hospital.
$5,000 from E. Campbell for the Faculty of Medicine.
$4,500 from D. T. Carides for the Department of Surgery, St Vincent's Hospital.
$4,090 from Dr J. R. E. Fraser for the Department of Medicine, Royal Melbourne Hospital.
$4,000 from Colonel F. Agar for the Department of Dental Science.
$4,000 from Mrs M. N. Taylor for the Department of Ophthalmology.
$3,850 from the Australian Asian Universities Co-operative for the Department of Animal Production.
$3,500 from Dr M. C. Douglas for the Department of Surgery, Austin Hospital.
$3,500 from the Melbourne University Parents Group for the Department of Student Health and the Baillieu Library.
$3,100 from H. Maclean for the Department of Ophthalmology.
$3,000 from K. M. Smyth for the Department of Obstetrics and Gynaecology, Royal Women's Hospital.
$2,800 from the Western Australian Police Union of Workers for the Department of Criminology.
$2,740 from H. N. B. Wettenhall for the Department of Paediatrics, Royal Children's Hospital.
$2,500 from Mr and Mrs J. S. Barnett for the Department of Medicine, St Vincent's Hospital.
$2,500 from Mrs Helen Kalmus for the Department of Music.
$2,497 from K. F. Fairley and P. S. Kincaid-Smith for the Department of Medicine, Royal Melbourne Hospital.
$2,000 from M. Murray for the Department of Medicine, St Vincent's Hospital.
$2,000 from Professor R. F. Henderson for the R. I. Downing Fellowship Appeal.
$2,000 from Professor Manning Clark for the Brian Fitzpatrick Prize.

Ex-Australian Sources

$99,213 from the National Institutes of Health (USA) for various departments within the University.
$16,539 from Aerovironment Incorporated for the Department of Physics, RAAF.
$5,000 from the Swiss Bank Corporation for the Faculty of Medicine.  
$4,397 from Merck and Company Inc. for the Department of Medicine, Royal Melbourne Hospital.  
$2,300 from the International Association for Water Pollution Research for the Faculty of Engineering.  

Income from Trustees  
$122,635 from the Estate of the Late Sir A. E. Rowden-White for various departments within the University.  
$44,900 from the Estate of the Late T. G. Seymour for the Seymour and Mogensen Trust.  
$23,000 from the Estate of Dame Myra Stoicesco for the Department of Ophthalmology.  
$21,000 from the Estate of the Late J. J. I. Winter for the Faculty of Medicine.  
$10,000 from the Estate of the Late Sheila Mitchell Bailey for the Veterinary Research Fund.  
$6,000 from the Estate of the Late Miss E. Eichler for the Faculty of Medicine.  
$4,674 from the Estate of the Late G. F. Pendlebury for the Baillieu Library.  
$3,000 from the Estate of the Late Thomas Baker for the Baillieu Library.  
$2,500 from the Estate of the Late Joseph Herman for the Amy Hughes Scholarship.  

Tax Incentives for the Arts  
In 1978 the Department of Home Affairs announced the introduction for a three year trial period of a tax incentives scheme to encourage the donation of works of art and other items to public galleries, museums and libraries.  
The University has registered nine discrete areas within the University with the Taxation Department as eligible recipients under the scheme. These areas are:  
- University Gallery  
- Baillieu Library  
- Ewing and George Paton Galleries  
- Rowden White Library  
- Grainger Museum  
- Medical History Museum  
- University Archives  
- Giblin Library  
- Classical Studies Museum  
In 1979 these sections of the University received gifts to a value in excess of $65,000.
The University Gallery

The University Gallery continued its policy of providing a wide range and variety of exhibitions in 1979. Besides touring exhibitions, selected works from the University collections have been displayed throughout the year in the Permanent Exhibition Gallery.

Fifteen exhibitions were installed in 1979 of which 10 were initiated by the Gallery.

Two major catalogues were published. These were for the George Bell Retrospective Exhibition and the Norman Lindsay Centenary Exhibition. The Gallery gratefully acknowledges the assistance of the Australian Galleries Directors Council and the Lindsay Centenary Committee respectively with these two major exhibitions.

Over 16,500 people have visited the Gallery in 1979.

Exhibitions 1979

Staff Art — Works by members of the University Staff.
John Dunkley-Smith — Video film works.
George Bell Retrospective.
Artistic Actuality — Slides of current French art, by the Australian Galleries Directors Council.
Tait Theatre Drawings — A survey of costume design.
Norman Lindsay Centenary Exhibition.
Still Life Still Lives — Glenfiddich Acquisitive Exhibition sponsored by William Grant and Sons.
Scenes from a Spanish Journey — Description Paintings by Jennifer Plunkett.
Dances to Order — Lyndal Jones and the Movement Performance Group, Melbourne State College.
David Tolley — Sound Landscapes with Still and Shifting Figures.
Jutta Hosel — Antarctic Photographs.
Walter Richard Sickert — Etchings.
Rod Withers — Recent paintings.
Contemporary French Photography, Travelling exhibition from the Australian Galleries Directors Council.
Danish Graphics.

GIFTS IN KIND

To the University Gallery

Mr Joseph Brown, 'The Trial' by Leonard French, a major work from the 'Campion' series; an untitled ink and wash drawing of still life by Paul Jones; an untitled pastel landscape by Jennifer Plunkett; and two oil paintings 'Gently' by Charles Blackman and 'Side show at Flinders' by Arnold Shore.
Robert Jacks, gift of the 1979 artist-in-residence, three untitled lithographs and an untitled drawing.

Mr T. Buesst, two oil paintings, 'Woolloomooloo Landscape' by Robert Dickerson and 'Red Leotard' by Constance Stokes.

Jennifer Plunkett, gift of the artist, an untitled landscape in pastel.


Dr Tess Lang, a mixed media painting by Jamie Boyd, 'Portrait of a Girl in a Green Dress'.

The Glenfiddich Company, a lithograph by John Dent 'Large Still Life Chinese Vase', an oil painting by Guy Stuart 'Brush Painting', an acrylic by Alan Oldfield 'Palm Beach Still Life' and a timber and foam sculpture by Robert Parr 'Still Life'.

Mrs Raynes Dickson, a collection of 30 pieces of antique glassware, in memory of her husband Raynes Dickson, to be held with the Matthaei Collection.

Sandra Leveson-Meares, gift of the artist, a screen print 'Three Players of a Summer Game'.

Lady Lindsay, an oil by Richard Amor, 'Massacre at Williamstown'.

Roger Kemp, a gift of the artist, a collection of nine working drawings in various media.

Mrs Olive Hirschfeld, a collection of 544 paintings, drawings and prints by Ludwig Hirschfeld Mack.

Jutta Hosel, gift of the artist, a collection of nine photographs from 'Aspects of Antarctica'.


To the Faculty of Music

Operatic scores from Mrs V. Jackson; books, music and scores from Ms V. Parsons, Mr M. Schildberger, Miss J. Chaplin, Mr P. King, Miss S. Ross and the Royal Norwegian Ministry for Foreign Affairs.

To the University

A portrait of Professor George Loughlin, commissioned by friends and colleagues for the Faculty of Music.

To the Rowden White Library

A bequest of 190 classical records from the Estate of the late Dr B. W. Thompson.

To the Department of Germanic Studies

Books, newspapers, bulletins and reviews from various government agencies, including a gift of 100 books from the Republic of Austria. The Department also received a typewriter from the Swedish Embassy.
To the Medical History Museum
A silver tray (presented to the first lecturer in Medicine in the University, Dr James Robertson, in 1887) from Miss T. Robertson; a microscope and a cabinet of slides (originally owned by the University's first Professor of Anatomy, Physiology and Pathology, Professor G. B. Halford) from Mrs D. C. Banks.

To the Grainger Museum
Music manuscripts and free music components from the Grainger Estate.

To the Department of East Asian Studies
A substantial gift of books from Mr C. T. Tsiang.

To the Department of Mining and Metallurgy
Personal correspondence of the late Dr Walter Rosenhain, presented by his daughter, Mrs Kirsner.

To the Ewing and George Paton Galleries
A video cassette playback unit and colour monitor from the Australian Gallery Directors Council.

To the Department of Middle Eastern Studies
Arabic books from the Ministry of Higher Education, Arab Republic of Egypt, and a collection of books on early church history and gnosticism from Mr Amitabhaka.

To the Department of History and Philosophy of Science
Books from Professor Douglas Gasking.

To the Department of Veterinary Paraclinical Sciences
A Sorvall KSB-R Continuous System, donated by Inghams Enterprises Pty Ltd.

To the Department of Civil Engineering
An untitled bronze sculptural relief by Michael Meszaros from Hardcastle and Richards Pty Ltd, which has been mounted on the west face of the Civil Engineering Building; a quantity of structural steel for testing purposes from B.H.P.

To the Baillieu Library
Mr Ian McLaren, numerous valuable Australian items with particular emphasis on Captain Bligh.
Mr Ivan Page, a collection of material by members of the Sitwell family.
Dr John Orde Poynton, some very significant editions of works of 19th and 20th century English literature.
Mr Peter Macdougall, a set of Sands and McDougall city directories of Melbourne plus some from other locales.
Mr John Lysenko, some original silk screen prints by Colin Lanceley and Sidney Nolan.

Department of History and Philosophy of Science, Isaac Newton's 'Optice, Sive de Reflectionbus, Refractionbus, et Coloribus Lucis, Lausanne and Geneve, 1740'.

Friends of the Baillieu Library. In 1979 the Friends acquired for the Library 11 important works to a total value of over $13,000; the major acquisition being a six-volume work by Francois Peron describing the French expedition to Australia and the South Pacific of 1800-1804.

To the University Archives
St Mark's Church, Fitzroy. Papers of Superintendent Francis Hare, officer in charge of police, relating to the surveillance and capture of the Kelly Gang and Hare's later career. 1859-1887.

Australasian Society of Engineers. Union emblem.

Mrs Joyce Stowell. One telescope and wooden tripod which belonged to Professor T. Cherry, Mathematics, University of Melbourne.

Australian Tramway and Motor Omnibus Employee Association. Minutes, correspondence, etc. 1911-20, 1936-38, 1949-67 and the Victorian Branch banner.

Mr J. O'Neill. Amalgamated Metal Workers and Shipwrights Union political and union pamphlets. 1950s-1960s.

Miss J. Fogarty. Photograph of the 1911 Conference of the Amalgamated Society of Railway Employees and Past Officer's Certificate, Victorian Railways Union 1911-1912.

Miss Lorna Banfield. Research notes from the Ararat Advertiser.


Mr J. Ryan. Bound and unbound copies of The Catholic Worker and associated correspondence and accounts.

Ms A. Geikie. Press cuttings, policy drafts, posters, handbills, periodicals Vashti's Voice, Mejane, from the Women's Liberation Movement.


Mr G. Seelaf. Further accession of framed collection of Eight-Hour-Day ribbons, c.1916.

Mr J. Ellis. Further accession of records of United Tinsmiths, Ironworkers and Japanners Society, 1883-1884.

Mrs F. Derham. Third accession of personal papers of A. P. Derham.
Dr G. Davison. Handbills and pamphlets relating to the Moratorium Against the Vietnam War, 1970.
Mr C. Tullock. Records of Combined Unions Shop Committee, Williamstown Naval Dockyard, 1940s-1970s.
Mrs A. Hartcup. One bound volume of Alma Mater, a University of Melbourne periodical, 1895-1898.
Mr J. Arrowsmith. Papers of Amalgamated Engineering Union Melbourne District Youth Committee, 1942-1964.
Miss J. Radford. Photocopy of manuscript of reminiscences of Henry William Radford's career in the Victorian Education Department, 1893-1943.
Mr B. Wilcock. Papers and associated material of W. S. Wilcock, Amalgamated Society of Carpenters and Joiners.
Mr G. Seelaf. One case containing seven home-made bludgeons, c.1930-1931.
The Myer Emporium Ltd. Minutes, reports, correspondence, accounts and financial records, photographs of The Myer Emporium Ltd and associated companies.
Councillor Betty Marginson. Further accession concerning local government activities.
Mr E. Perssons. Records relating to Williamstown Dockyard Combined Union Shop Committees, 1960s-1970s.
Mr I. G. Weickhardt. Papers concerning Mr R. L. P. Austin, Engineer, 1900s-1970s.
Repco Ltd. Minutes, correspondence, reports, accounting and financial records, photographs, promotional material of Repco Ltd and associated companies, c.1937-1978.
Professor Emeritus A. R. Chisholm. Further accession of personal papers relating to First World War, 1917-1918.
Professor Ronald Henderson. Personal papers relating to work at the Institute of Applied Economic and Social Research, University of Melbourne.
Professor Emeritus R. D. Wright. Further accession of personal papers, 1940s-1970s.
### STATISTICS

#### STUDENT ENROLMENTS (as at 30 April, 1979)

<table>
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<tr>
<th>LEVEL AND COURSE</th>
<th>Full-Course</th>
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<tr>
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<td>197 (28)</td>
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<td>Surveying and Surv. Science</td>
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<td>1</td>
<td>3</td>
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</tr>
</tbody>
</table>

* Includes Academic Staff in Higher Degrees.
† T = Total, (F) = Female, which is included in the Total.

La Mama. Further accession of records, 1972-1978.

Mr D. Cockram. Papers concerning Cockram & Comely, Builders, 1887-1956.

Australian Institute of Agricultural Science. Further accession of records.


Australian Railways Union. Records and one banner, 1920s-1970.

Operative Painters and Decorators, South Australian Branch. One banner.

Mr S. Scanlon. Plans relating to Faculty of Engineering, University of Melbourne.

Mr D. Joy. Early immigrant to Australia, 1853-1854.

Mr M. Lorkin. Papers relating to Amalgamated Engineering Union, Newport Railway Workshop Shop Committee, Eureka Youth League, 1940s-1960s.


Miss C. Hauser. Diaries of Mr. R. V. McClure, Field Ambulance Service, 1914-18 War.

Western Mining Corporation Ltd. Further accession of records.


Mrs J. Downing. Further accession of personal papers of Professor R. I. Downing, formerly Ritchie Professor of Economics, University of Melbourne and Chairman of Australian Broadcasting Commission, c.1930-1976.

Mr J. Martin Howlett. Records of Metropolitan Meat Market Ltd.


Federated Moulder's Union, Victorian Branch. Further accession, 1940s-1970s.

<table>
<thead>
<tr>
<th>LEVEL AND COURSE</th>
<th>Full-Course</th>
<th>* Part-Course</th>
<th>External</th>
<th>Total</th>
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<td>Urban Planning</td>
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<td>Veterinary Studies</td>
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<td>5</td>
<td>13 (1)</td>
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<td>Sub-Total</td>
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<td>1,007 (300)</td>
<td>84 (28)</td>
<td>1,601 (483)</td>
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<td>NET TOTAL H.D.</td>
<td>851 (230)</td>
<td>1,182 (354)</td>
<td>135 (43)</td>
<td>2,168 (627)</td>
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| OTHER THAN HIGHER DEGREES                    |             |               |          |       |
| MASTERS PRELIM.                              |             |               |          |       |
| Applied Science                              | 4 (1)       | 4 (1)         |          |       |
| Arts                                         | 39 (18)     | 139 (80)      | 3 (2)    | 181 (100) |
| Economics and Commerce                       | 13 (3)      |               |          | 13 (3) |
| Engineering                                  | 1           |               |          | 1      |
| Landscape Architecture                       | 7 (1)       | 20 (5)        |          | 27 (6) |
| Science                                     | 13 (7)      | 5 (2)         |          | 18 (9) |
| Urban Planning                               | 30 (8)      |               |          | 30 (8) |
| Sub-Total                                    | 60 (26)     | 211 (99)      | 3 (2)    | 274 (127) |
| NET TOTAL O.T.H.D.                           | 10,400 (3,958) | 3,281 (1,586) | 114 (18) | 13,775 (5,562) |

| BACHELOR DEGREES                             |             |               |          |       |
| Agriculture                                  | 212 (65)    | 10 (5)        |          | 222 (70) |
| Applied Science                              | 129 (13)    |               |          | 133 (13) |
| Architecture                                 | 263 (61)    | 15 (2)        | 59 (8)   | 337 (71) |
| Arts                                        | 2,459 (1,598) | 1,224 (807)   | 1 (1)    | 3,684 (2,406) |
| Building                                    | 68 (5)      | 10            | 9        | 87 (5) |
| Dental Science                               | 244 (47)    |               |          | 244 (47) |
| Economics and Commerce                       | 1,181 (310) | 326 (54)      |          | 1,507 (364) |
| Education                                    | 8 (6)       | 267 (146)     |          | 275 (152) |
| Engineering                                  | 794 (42)    | 26            |          | 820 (42) |
| Forestry                                     | 62 (4)      | 1             |          | 63 (4) |
| Human Performance                            |             |               |          | 1      |
| Law                                         | 954 (327)   | 196 (57)      | 3        | 1,153 (334) |
| Medicine                                    | 1,327 (389) | 6 (1)         | 1        | 1,334 (390) |
| Music                                       | 174 (107)   | 23 (13)       |          | 197 (120) |
| Music Education                              | 77 (58)     | 14 (8)        | 1 (1)    | 92 (67) |
| Science                                     | 1,824 (580) | 215 (74)      | 6 (2)    | 2,045 (656) |
| Science (Education)                          | 320 (152)   | 15 (6)        | 1        | 336 (158) |
| Science (Medicines)                          | 11 (1)      |               |          | 11 (1) |
| Science (Optometry)                          | 96 (25)     |               |          | 97 (25) |
| Social Work                                  | 203 (155)   | 54 (44)       | 2 (2)    | 259 (201) |
| Surveying                                   | 65          |               |          | 68      |
| Town and Regional Planning                   | 94 (43)     | 12 (4)        | 1        | 107 (47) |
| Vet. Sc. and Animal Sc.                     | 232 (75)    | 16 (4)        |          | 248 (79) |
| Sub-Total                                    | 10,797 (4,063) | 2,439 (1,225) | 84 (14)  | 13,320 (5,302) |

* Includes Academic Staff in Higher Degrees.
† T = Total, (F) = Female, which is included in the Total.
<table>
<thead>
<tr>
<th>LEVEL AND COURSE</th>
<th>Full-Course</th>
<th>* Part-Course</th>
<th>External</th>
<th>Total</th>
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## STUDENT ENROLMENTS AS AT 30 APRIL — 1979

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* In the 1st year of the course students enrol for Dip.Ed.  † Courses being phased out.  ‡ Bach. of Med.Sc.
### DEGREES CONFERRED (1 July, 1978 to 30 June, 1979)

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<tr>
<td>Town and Regional Planning</td>
<td>16</td>
<td></td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>262</strong></td>
<td></td>
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### ACADEMIC ACTIVITIES

<table>
<thead>
<tr>
<th>Academic Activity</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Teaching and Research —</td>
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</tr>
<tr>
<td>Academic Professor</td>
<td>108</td>
</tr>
<tr>
<td>Ass. Prof./Reader</td>
<td>150</td>
</tr>
<tr>
<td>Senior Lecturer</td>
<td>323</td>
</tr>
<tr>
<td>Lecturer</td>
<td>270</td>
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<tr>
<td>Senior Tut./Dem.</td>
<td>80</td>
</tr>
<tr>
<td>Demonstrator, etc.</td>
<td>99</td>
</tr>
<tr>
<td>Technical</td>
<td>403</td>
</tr>
<tr>
<td>Administrative</td>
<td>363</td>
</tr>
<tr>
<td>Research Only —</td>
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<tr>
<td>Academic</td>
<td>267</td>
</tr>
<tr>
<td>Technical</td>
<td>168</td>
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<tr>
<td>Administrative</td>
<td>46</td>
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</table>

### ACADEMIC SERVICES

<table>
<thead>
<tr>
<th>Services</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Library</td>
<td>195</td>
</tr>
<tr>
<td>Computing</td>
<td>30</td>
</tr>
<tr>
<td>Other</td>
<td>44</td>
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### STUDENT SERVICES

<table>
<thead>
<tr>
<th>Services</th>
<th>Number</th>
</tr>
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<tbody>
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<td></td>
<td>43</td>
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</table>

### GENERAL UNIVERSITY SERVICES

<table>
<thead>
<tr>
<th>Services</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>361</td>
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<tr>
<td>Buildings and Grounds</td>
<td>230</td>
</tr>
</tbody>
</table>

### PUBLIC SERVICES

<table>
<thead>
<tr>
<th>Services</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>3,205</td>
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</tbody>
</table>

80
COLLEGES AND HALLS OF RESIDENCE

In 1979, 1,776 students* and 151 tutors were in residence in affiliated colleges and halls of residence in the University.

<table>
<thead>
<tr>
<th>College</th>
<th>Students</th>
<th>Tutors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate House</td>
<td>17</td>
<td>—</td>
</tr>
<tr>
<td>International House</td>
<td>137</td>
<td>17</td>
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<tr>
<td>Janet Clarke Hall</td>
<td>72</td>
<td>10</td>
</tr>
<tr>
<td>Kendall Hall</td>
<td>68</td>
<td>—</td>
</tr>
<tr>
<td>Medley Hall</td>
<td>18</td>
<td>—</td>
</tr>
<tr>
<td>Mt Derrimut House</td>
<td>58</td>
<td>—</td>
</tr>
<tr>
<td>Newman College</td>
<td>199</td>
<td>12</td>
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<tr>
<td>Ormond College</td>
<td>294</td>
<td>30</td>
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<tr>
<td>Queen's College</td>
<td>190</td>
<td>10</td>
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<tr>
<td>Ridley College</td>
<td>56</td>
<td>6</td>
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<tr>
<td>St Hilda's College</td>
<td>143</td>
<td>11</td>
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<tr>
<td>St Mary's College</td>
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<td>12</td>
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<tr>
<td>Trinity College</td>
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<td>18</td>
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<tr>
<td>University College</td>
<td>107</td>
<td>13</td>
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<tr>
<td>Whitley College</td>
<td>78</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,776</td>
<td>151</td>
</tr>
</tbody>
</table>

* As at 30 April, 1979.
SCHOLARSHIPS, EXHIBITIONS AND PRIZES

AWARDED 1979

AGRICULTURE AND FORESTRY

Victorian Sawmillers Association Prize — Rosemary Dawn Bourke
Walter Massey-Green Prize — Anthony Stephen Baxter
Agricultural Science (2nd Year) — H. C. Forster Prize — John Anthony Stanek
Plant Production 1 — Brunning Prize for Best Plant Collection — Ian Goodwin
Agricultural Science (3rd Year) — J. M. Higgins Exhibition — Andrew John Marosy
Agricultural Science (4th Year) — Wrixon Exhibition — Robert John French (Queen's)
Animal Nutrition and Growth — Arthur Sims Scholarship — Nigel John McGuckian

ARCHITECTURE, BUILDING AND TOWN AND REGIONAL PLANNING

Arch., Building and T.R.P. Neil Norris Scholarships
— 1st Year — Philip James Goad
— 2nd Year — Michael Patrick Markham (JCH)
— 3rd Year — Carey Hamilton Lyon
— 4th Year — Daniel Henry Ehrmann
— 5th Year — Simon John O. Hilbert
Building Construction 2 — John Charles Lloyd Exhibition — James Lynden Evans
Architecture and Building (4th Year) — Stephenson Turner Prize — Daniel Henry Ehrmann
Architecture and Building (5th Year) — James Hardie Prize — Simon John O. Hilbert

EDUCATION

Education
Comparative Studies — George Bryce McIndoe Prize — Frances Elizabeth Verge
Harold Cohen Prize — Wayne Thomas Rice
Education — Dwights Prize — David Charles Goodman (Ormond)
Hugh Childers Memorial Prize — Barbara Mary Kay
Janice Anne Lindsey
Valerie Teresa Potter
Jeffrey John Sewell
Angelina Theresa Di-lorio
Pamela Ann Kellas
Sue Violet Lewis

82
ARTS

Classical Studies 1A — Exhibition
Ancient Greek 1B — H. B. Higgins

Exhibition
Latin 1 — John Grice Exhibition
Modern Greek 1 — Greek Professionals

Prize
Modern Greek 2C — Greek Professionals

Prize
Ancient Greek 2 (Honours) — Douglas
Howard Exhibition
Latin 2 (Honours) — Douglas Howard

Exhibition
Modern Greek 3C — Greek Professionals

Prize
Classical Studies (Final Honours) —

Comparative Philology Exhibition
D. H. Rankin Prize
R. G. Wilson Scholarship

Wyselaskie Scholarship

English — Bowen Prize
Percival Serle Prize

English (Literary Criticism) — Professor
Morris Prize
English Poetry — Enid Derham Prize

English Literature — Shakespeare

Scholarship
English Literature 2 — Percival Serle Prize

English Literature 2 and English Language 2

— Alexander Sutherland Prize
Edward Stevens Exhibition
English Literature 4 — Percival Serle Prize

English Language and Literature — M.A.

Thesis — Percival Serle Prize
English Language and Literature — Dwight

Final Examination Prize
Fine Arts — Final Honour — Dwight Final

Examination Prize
French 1 — Baillieu Exhibition
Medieval French Language and Literature 2

(Honours) — Mary Taylor Scholarship
French 3 (Honours) — Mrs William Smith

Exhibition

Lesley Rose Alway
Andreas Tziortzis
Glenn Patrick S. Hanafin
Constantine E.
Sakellaropoulos
Evangelia E. Thanasouda

Andreas Tziortzis
John Francis Clancy
John Francis Clancy
Androulla Koukkoulides
Neil O'Sullivan
Mary Gardiner
Stephen Mark Kennedy

Mary Gardiner
Stephen Mark Kennedy

Mary Gardiner
Stephen Mark Kennedy

Helen Phillipa Thompson
Stephanie Joy Trigg
Helen Phillipa Thompson

Margaret Munro
Rosemary Ann Grahame

William Anthony Hamilton (Trinity)
Linda Violet Hicks
Ian Raymond Holtham

Heather Lucy E. Neilson

(Trinity)
James Patrick Quealy

Heather Lucy E. Neilson (Trinity)
Heather Lucy E. Neilson (Trinity)
Rosemary Ann Grahame

Andrew Lucien Lynch

Stephanie Joy Trigg
Robyn Joyce Sloggett
Anna Marie D. Ghuirekan

Robyn Jane Stern

Helene Ludwig
Maria-Clementini Santini

Shared
<table>
<thead>
<tr>
<th>Subject</th>
<th>Prize</th>
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<tbody>
<tr>
<td>Comparative Studies — Old French Language</td>
<td>Helene Ludwig</td>
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<tr>
<td>and Literature — Mary Taylor Scholarship</td>
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<tr>
<td>French Poetry — Peter Joseph Birch Hanson</td>
<td>Michelle de Kretser</td>
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<tr>
<td>Prize</td>
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<tr>
<td>French Language and Literature (Final</td>
<td>Michelle de Kretser</td>
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<tr>
<td>Honours) — Dwight Final Examination</td>
<td>Penelope Louise Stone</td>
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<tr>
<td>Prize</td>
<td></td>
</tr>
<tr>
<td>German 1 — Exhibition</td>
<td>Barbara Irmgard Kelly</td>
</tr>
<tr>
<td>Dutch 1 — Exhibition</td>
<td>Catherine Mary Francis</td>
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<tr>
<td>Dutch 2 (Honours) — Exhibition</td>
<td>Ruby Brouwer</td>
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<tr>
<td>German 3 (Honours) — Exhibition</td>
<td>James Edward Silva</td>
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<tr>
<td>Germanic Studies 4S (Honours) — H. B.</td>
<td>Irene Kuzminsky</td>
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<tr>
<td>Higgins Scholarship</td>
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<tr>
<td>R. G. Wilson Scholarship</td>
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<tr>
<td>W. T. Mollison Scholarship</td>
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<tr>
<td>Final Examination in Arts — School of</td>
<td></td>
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<tr>
<td>Germanic Studies — Goethe Award</td>
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<tr>
<td>History 3A (Honours) — Felix Raab Prize</td>
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<tr>
<td>History 1A (British History 1558-1689)</td>
<td>Marion Boothby Exhibition</td>
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<td>Marion Boothby Exhibition</td>
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<tr>
<td>Rosemary Merlo Prize</td>
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<tr>
<td>History 1B — Exhibition</td>
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<tr>
<td>Rosemary Merlo Prize</td>
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<tr>
<td>History (3rd Year) — R. G. Wilson Scholarship</td>
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<tr>
<td>Australian History (Honours) — Gyles Turner Prize</td>
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<tr>
<td>Final Examination in Arts — English and</td>
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<tr>
<td>History (Comb. Course) — Kathleen</td>
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<tr>
<td>Fitzpatrick Exhibition</td>
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<tr>
<td>History (Final Honours) — Dwight’s Prize</td>
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<tr>
<td>Margaret Kiddle Prize</td>
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<tr>
<td>Indian Studies 2B (Honours) — Australian-</td>
<td>Richard Charles Mathews</td>
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<tr>
<td>Asian Association Prize</td>
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<tr>
<td>Indonesian and Malayan Studies 1 —</td>
<td>Jean Gabriel Manguy</td>
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<tr>
<td>Australian-Asian Association Prize for</td>
<td></td>
</tr>
<tr>
<td>Victoria</td>
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<tr>
<td>Italian 1 — Doctor Santoro Prize</td>
<td>Mary Concetta Berto</td>
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<tr>
<td>History of Italian Literature Prize</td>
<td>Mary Concetta Berto</td>
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<tr>
<td>Chinese 1 — Australian-Asian Association</td>
<td>Lina Scalzo</td>
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<tr>
<td>Prize for Victoria</td>
<td></td>
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<tr>
<td>Japanese 1 — Australian-Asian Association</td>
<td>Anne Mary Potter</td>
</tr>
<tr>
<td>Prize for Victoria</td>
<td></td>
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<tr>
<td>84</td>
<td></td>
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</tbody>
</table>
Chinese (Final Honours) — R. G. Wilson Scholarship
Philosophy 1A — Hastie Exhibition
Philosophy (2nd Year — Honours) — Hastie Exhibition
Philosophy — Laurie Prize (Minor)
Philosophy (Final Honours) — Hastie Exhibition
Laurie Prize (Major)

Politics 1A (Australian) — Australian Institute of Political Science Prize
Exhibition
International Relations 2 (Honours) and International Relations 3 (Honours) — Jeanette Kosky Prize
Public Administration 3 (Honours) — J. A. Aird Memorial Prize
Political Science (Final Honours) — Dwight Final Examination Prize
Psychology 1 and Psychology — Exhibition
Psychology 101 — Exhibition
Psychology 201 — Exhibition
Psychology 2A (Honours) — Exhibition
Psychology (Final Honours) — Australian Psychological Society Prize
Dwight Final Examination Prize
Russian 1 — Exhibition
Russian Language and Literature (Final Honours) — R. G. Wilson Scholarship
Criminology A — Exhibition
Criminology B — Exhibition
Criminology C — Exhibition
Criminology D — John Barry Medal

DENTAL SCIENCE
Bertha Bennett Scholarship
Dental Board of Victoria Prize
John Iliffe Scholarships
— First Year
— Second Year
— Third Year
— Fourth Year
— Fifth Year
Pedodontics Prize
Endodontology — Australian Society of Endodontology Prize

Hideo Kumagaya
Mary Concetta Berto
Neil Andrew Thomas
Ashley Wharton
Mark Johnston (St Hilda’s)
Theodor Manhal
Julie Rose (Ormond)  
Charles Jasper B. Taylor  
Shared

Maria Saveria Dimasi (St Mary’s)
Michael William Traill (Trinity)
Paul Warren James
Glenda Stella Gauci
Isi Unikoski
Jennifer Anne Brown
Mathew Nicholas Grounds (Ormond)
David Barry Hipgrave
Julie Rosalind Wolfram
Helen Louise Petrie
Helen Louise Petrie
Kate Elizabeth Wolfssohn (Ormond)
Margaret Ann Powles
Shane Patrick Carroll
Peter Edwin Driver
George Douglas Davis  
Alan Keith Porter  
Shared
Oenone Anita Macnab  
Allison Margaret Eden  
Shared

Michael Geoffrey Woods (Ormond)
Gerard Francis Clausen
Albert Wong
Beverley-Anne Rodan (St Mary’s)
Christopher Michael Angel
Ian George Chambers
Michael Geoffrey Woods (Ormond)
Susan Elizabeth Reid
Leith Paterson Brown

85
Orthodontics — Mervyn Townsend Memorial Prize
Periodontics — James Monahan Lewis Prize
Periodontology — Australian Society of Periodontology Prize
Oral Anatomy and Histology — Edward Brooke Nicholls Prize
Oral Medicine and Oral Surgery B — William Leslie Elvins Prize

Conservative Dentistry — Frances Gray Prize
Dental Prosthetics — Tuckfield-Shepherd Prize
Dental Materials Science — Alan Docking Memorial Prize
Dental Prosthetics B — William J. Tuckfield Prize

ECONOMICS AND COMMERCE
B. Commerce — Year 1 — A. C. Morley Prize
B. Commerce — Year 2 — Paton Advertising Service Prize
B. Commerce — Year 3 — J. F. Major Memorial Prize
Accounting A — A. A. and G. E. Fitzgerald Exhibition
Accounting B — Charles Sindrey Prize
Institute of Chartered Accountants Exhibition
Accounting (3rd Year Honours) — Les Brewster Exhibition
Accounting C4 — Yarwood Vane and Co. Exhibition
Accounting C6 — Melbourne Chamber of Commerce Exhibition
Electronic Data Processing — I.B.M. Exhibition
Accounting (Final Honours)
Australian Society of Accountants Prize

Les Brewster Exhibition
Business Administration (Organizational Behaviour) — Shell Exhibition
Marketing — Commercial Travellers Association Exhibition
Economics — Wyselaskie Scholarship
Economics A — Melbourne Chamber of Commerce Exhibition

Paul Harry Hughes
Timothy John Golder
Anthony Raymond Burgess
Neil Bradford
Paul Harry Hughes
Anthony Raymond Burgess
Andrew Roberts Woff (Whitley)
Anthony Raymond Burgess
Nigel Morrison
Michael George Bray
Susan Margaret Jaffer
Robert David Mann (Queens)
Leigh Francis Ratcliffe
Tassos Anastasias Pilioussis
Anthony Raymond Burgess
Clinton George Cook
Economics B — Melbourne Chamber of Commerce Exhibition
Statistical Method — Melbourne Chamber of Commerce Exhibition

Economic Principles — Australian Finance Conference Prize
Economics C1 — International Economics — Melbourne Chamber of Commerce Exhibition
Economics C2 — Economic Development — Melbourne Chamber of Commerce Exhibition
Economics C3 — Economics of the Firm — Melbourne Chamber of Commerce Exhibition
Economics C4 — Social Economics — Melbourne Chamber of Commerce Exhibition
Economics C5 — Public Finance — Melbourne Chamber of Commerce Exhibition
Economics C6 — Banking and Finance — Melbourne Chamber of Commerce Exhibition
Economics C7 — Labour Economics — Shell Exhibition
Economics C8 — Industrial Relations — Shell Exhibition
Economics C9 — Agricultural Economics — Francis J. Wright Exhibition
Economics C10 — Comparative Economic Systems — Francis J. Wright Exhibition
B. Commerce (Final Exam.-Honours) — William Noall & Son Prize
Final Examination in Arts — School of Economics — Dwight Final Examination Prize
Regional and Urban Development — Introduction — Francis J. Wright Exhibition
Regional Development — Melbourne Chamber of Commerce Exhibition
Economy and Society — Exhibition

Australian Economic History — Katherine Woodruff Memorial Exhibition
History of Economic Thought — Ian Purves MacNeil Memorial Exhibition

Peter Damian J. Ickeringill
Timothy John Golder
Peter Damian J. Ickeringill
Emilios John Kyrou

Mark Erlich (Ormond)

Kwok Seng Ng

David John Carman

Peter Robert J. Kempster

David John Sommers

George Frederick Finlay

Anthony Raymond Burgess

Carolyn Jean Davis

Paul Francis Coffey

Not Awarded

Jennifer Joy Okey

Sam Ouliaris (Ormond)

Anthony Dominic Dimasi

Noel Rae Langlands

Emilios John Kyrou

Julie Anne Pittle

Alan James Boulton

Mark Haldane Pinchen

Anthony Cary Scott

Janette Elizabeth Prize — Cash Prize
Christopher Robert Guest — Book Prize

87
Commercial Law A — Melbourne Chamber of Commerce Exhibition
Commercial Law B — Melbourne Chamber of Commerce Exhibition
Commercial Law C — Melbourne Chamber of Commerce Exhibition

**ENGINEERING**

Introduction to Engineering — H. B. Howard Smith Exhibition
Chemical Engineering 2 — Petroleum Refineries (Aust.) Pty. Ltd. Prize
Process Engineering — Western Mining Corporation Ltd. Prize
Chemical Plant Development and Design — Western Mining Corporation Ltd. Prize
Engineering 2 (Agriculture Course) — Dixson Scholarship
Mechanics of Solids 1B — Herbert Brookes Exhibition
Civil Engineering 1 — A. T. Danks Exhibition
Fred Green Prize
Civil Engineering 1 (Fluid Mechanics) — W. M. McPherson Exhibition
Civil Engineering 2 — Argus Scholarship B.B.R. Prize
John and Ann Gibson Prize
Electrical Engineering 1 — Dixson Scholarship
Electrical Engineering 2E — John Monash Exhibition
Electrical Engineering 2P — C. G. H. McDonald Memorial Prize
Mechanical Engineering Science 1 — Wright Prize
Metallurgy Units 201, 202 and 204 — Dixson Scholarship
Mining Engineering (2nd Year) — Norman Westmore Memorial Prize
Engineering Materials and Engineering Materials (Mechanical) — Exhibition

Metallurgy 2E — Exhibition
Metallurgical Engineering (3rd Year) — Western Mining Corporation Limited Prize

Elizabeth Scott Rose
Choo Liong Gee Esmond (St Mary's)
Ong Lay Kiong
Timothy Andrew Schreiber

Mark Andrew Simpson
Andrew Alexander Hoadley
Jeanette Fiona Roberts
James Colin Fairweather
John Anthony Stanek
William Rob Hopper (Ormond)
Paul Victor Joseph
Paul Victor Joseph
Paul Victor Joseph
Beverley Frances Ronalds
Chin Yoong Ngok (International House)
Chin Chi Haw (Newman)
James Fletcher Royston (Trinity)
Michael James Biggar
David Malcolm Hoadley (Queen's)
Hugh Edmund M. Hunt Dennis Vengust
Gary Ian Crockford
Giuseppi Angelo Alberico
Rowan Keith M. Hayes (St Hilda's)
Hugh Edmund M. Hunt (Trinity)

Timothy Ford Farely
Timothy Ford Farely
Mining Engineering — Western Mining Corporation Limited Prize

Mining 1 — George Lansell Exhibition

Final Examination (Honours) — Metallurgical Engineering — Dixson Scholarship

Western Mining Corporation Ltd. Prize

Mining Engineering (4th Year) — Western Mining Corporation Limited Prize

Surveying 1 — H. B. Howard Smith Exhibition

Surveying 2 — Exhibition

Photogrammetry 1 — Australian Photogrammetry Society Exhibition

Economic and Social History (Applied Science) — W. S. Robinson Award

Applied Chemistry 1 — Associated Pulp and Paper Mills Limited Award

Economic Studies 1 (Applied Science) — I.C.I.A.N.Z. Award

Industrial Materials — Steel Industries Award

Economic Studies 2 (Applied Science) — Ford of Australia Award

Mechanical Engineering — Dixson Scholarship

Agricultural Engineering (Final Honours) — G. H. Vasey Prize

Electrical Engineering (Final Honours) — Dixson Scholarship

Industrial Management (Final Honours) — D. J. M. Rankin Prize

Julian King Prize

Mechanical Engineering (Final Honours) — A. G. M. Michell Prize

Dixson Scholarship

Rennie Memorial Prize

Mechanical Engineering (Final Honours-Engineering Design) — Wright Prize

Mining Engineering (Final Honours) — George Lansell Scholarship

Not Awarded

Not Awarded

Not Awarded

Michael John Hollitt (St Mary's)

Colin Darryl Thornton

Gary John Hunter

Not Awarded

Steven Edward Spencer

Salvatore Brumale

Neil Andrew Isles

Ng Chee Wei (International House)

John Francis Mammoliti

Not Awarded

Nicholas James Gibbs

Andrew Robert Rigby

David Michael Silver

Lim Kook Peng (International House)

Au Samuel Man-Chak

Peter Reginald Jordan

Lam Yee Cheong

Rodney Dean Williams

David John Dawson

Colin Darryl Thornton

Kate Elizabeth Wolfsohn (Ormond)

Steven Cameron Pemberton

Emilios John Kyrou

Mark Jeffrey Steele

Amanda Trumble

Paul Joseph Kenny
Trusts — Supreme Court Exhibition
Advanced Administrative Law — John Madden Exhibition
Sale of Goods — Supreme Court Exhibition
Spero Wilson Memorial Scholarship
Litigation — Spero Wilson Memorial Scholarship
Comparative Law — Jessie Leggatt Scholarship
International Law — Bailey Exhibition
Spero Wilson Memorial Scholarship
Family Law — Spero Wilson Memorial Scholarship
Wright Prize
Jurisprudence — Spero Wilson Memorial Scholarship
Hearn Exhibition
Labour Law — Robert Craig Exhibition
Legal History — Dwight Prize
Succession — John Madden Exhibition
Advanced Constitutional Law — Harrison Moore Exhibition
Spero Wilson Memorial Scholarship
Law (Honours) — Anna Brennan Memorial Prize
E. J. B. Nunn Scholarship
Joan Rosanov Q.C. Memorial Prize
Supreme Court Prize
Conflict of Laws — Spero Wilson Memorial Prize
Jenks Exhibition
Company Law — Robert Craig Exhibition
Taxation — Spero Wilson Memorial Prize
Land Contracts — Jessie Leggatt Scholarship
Research Project — Sir George Paton Prize
Professional Conduct — Sir Charles Lowe Prize

MEDICINE
Clinical Dermatology — Herman Lawrence Prizes
— First Prize
— Second Prize
— Third Prize
Occupational Medicine — Edgar Rouse Prizes
— First Prize
— Second Prize

Norman John O'Bryan (Newman)
(Irene Helen Zeitler)

Helen Mary Symon
(Elizabeth Ann Wardrop)

David John O’Callaghan
(Not Awarded)

John Madden Exhibition

Not Awarded

Peter Gordon Willis

Caroline Jane Blakiston

Benjamin Harold Wyatt

Margot McKellar Powell

Not Awarded

Elizabeth Victoria Lanyon

Elizabeth Victoria Lanyon

Thomas Johnston Reid

Brian Francis Dunkley

Joseph Bengasino

Shared

Peter Paschalis Zaparas

Gavan White (Queen’s)

Bryan Winthrope

David Joseph

Andrew Walpole (Queen’s)

Charles Guest (Ormond)
Ophthalmology — Royal Australian College of Ophthalmologist's Prize
Otolaryngology — Hedley F. Summons Prize
Medical Studies 1 — Matthew W. McKenzie Award
Medical Studies 2 — Geigy Prize in Psychosocial Approaches to Abnormal Behaviour
Anaesthetics (Final Year) — E. H. Embly Prize
Medicine (6th Year) — Jamieson Prize in Clinical Medicine
John Adey Prize in Psychiatry
Keith Levi Memorial Scholarship
Robert Gartley Healey Scholarship
Upjohn Prize in Clinical Pharmacology and Therapeutics
Surgery — Beany Scholarship
Clara Myers Prize (Surgical Paediatrics)
Proxime Accessit Prize
Robert Gartley Healey Scholarship
Ryan Prize — Royal Melbourne Hospital
Ryan Prize — St Vincent's Hospital
Smith & Nephew Prize — Austin Hospital
Obstetrics and Gynaecology — Edgar and Mabel Coles Prize
Fulton Scholarship
Hubert Sydney Jacobs Prize
Kate Campbell Prize
Robert Gartley Healey Prize
Sir Alfred Edward Rowden White Prize
Anatomy (3rd Year) — Dwight's Prize

Exhibition

T. F. Ryal Prize

Biochemistry (3rd Year) — Exhibition No. 1
Exhibition No. 2
Biochemistry 2 (Agriculture and Forestry) — James Cuming Prize
Biochemistry (Science —200 level) — Exhibition
Biochemistry (Science —300 level) — Dunlop Rubber Company Exhibition
Microbiology (Agriculture and Forestry) — Exhibition
Microbiology and Epidemiology (3rd Year) — Ramsay Prize

Robert A. Cuthbertson
Alan A. McNab
Michael Ronald Ditchfield

Robert Andrew Danks (Ormond)
Jennifer Anne S. Smith (Ormond)
Michael Kin Pong Tong
David John Joseph
Peter William Angus
Barry John Leaney
Peter William Angus
Barry John Leaney

Jonathan William Serpell (Trinity)
Ian Lindsay Millar
Peter William Angus
Katherine Virginia Davey (Newman)
Ian Lindsay Millar
Jennifer Anne S. Smith (Ormond)
Christopher Adrian Wright
Ian Lindsay Millar

Gabrielle Johanna Wiehle
Gabrielle Johanna Wiehle
Gabrielle Johanna Wiehle
Philip Ross Street (Ormond)
Gabrielle Johanna Wiehle
Gabrielle Johanna Wiehle
Patricia Goonetilleke
Stephen Peter Smith
Patricia Goonetilleke
Stephen Peter Smith
Patricia Goonetilleke
Stephen Peter Smith
Deborah Sarah Kipen
Robert Andrew Danks (Ormond)
Robert John French (Queen's)

Gordon Lei
Malcolm John McConville (Trinity)
Andrew John Marosy
Grahame John Lieschke (Ormond)
Clinical Microbiology (4th Year) — Ramsay Prize

Microbiology — Exhibition
Pathology (3rd Year) — Walter and Eliza Hall Exhibition
Pharmacology (Science) — Merck, Sharp and Dohme Prize
Pharmacology (3rd Year) — Boots Prize
Physiology (3rd Year) — Burroughs Wellcome Prize
Physiology (2nd Year Science) — Exhibition
Physiology (3rd Year Science) — Exhibition
Paediatrics — The Carnation Company Award
The Grieve Memorial Prize
Forensic Medicine — Crawford Mollison Prize

MUSIC
Accompanying — Maude Harrington Prize
Ormond Postgraduate Scholarship
B.Mus., B.Mus.Ed. (2nd Year) — Ormond Exhibition Awarded to:

B.Mus., B.Mus.Ed. (3rd Year) — Ormond Exhibitions Awarded to:

SCIENCE
David Syme Research Prize
Howitt Natural History Scholarships
Wyselaskie Scholarship

Biology (Medicine) — Baldwin Spencer Prize
W. H. Swanton Exhibition
Biology — J. F. W. Payne Exhibition
Science (Honours) — Bryan Scholarships

Botany — Brunning Prizes
— First
— Second
MacBain Research Scholarship

Bruce Robert Johnstone
Graeme John Campbell
David Andrew Jans
Deana Hesketh Ashton (University)
Alaistaire George Stewart
Stephen Peter Smith
Graham John Lieschke (Ormond)
Robert David Nicholls
Ross Keith Kennedy
Thim Foo
Jonathan W. Serpell (Trinity)
Robert William Baird
Andrew Paul Grigg

Pending
James Cyril Curtain
Bruce Angus S. Christie (University)
Mark William Paine
Neil Andrew Clifton
Irene Kuzminskey

John Warwick Anderson
Rosslyn Muriel Hoggart
Peter John Nicholls
Athale Rose Evans
Stephen Arthur Ingarfield (J.C.H.)
Christopher Ian Belyea

Gordon Bruce Taylor
Geoffrey Stuart Hebbard (Trinity)
Wendy Ann Berndt
Rosemary Edith May
Faye Suzanne Jeffery
Joachim Franz Mika (Trinity)

Malcolm John McConville (Trinity)
Peter David Dawson
Mary Ann Williamson (University)
Botany (Agriculture and Forestry) — Exhibition
Botany (2nd Year) — E. F. Miller Exhibition
Botany (3rd Year) — Exhibition
Chemistry (1st Year) — Exhibition
Chemistry — C.S.R. Chemicals Prize
Chemistry (Engineering) — Exhibition
Chemistry (Medicine) — Exhibition
Chemistry (Agriculture and Forestry) — James Cuming Prize
Chemistry (1st Year) — Dwight’s Prize
Chemistry (2nd Year) — Dixon Scholarship
Shell Exhibition
Chemistry (3rd Year) — Dixon Scholarship
Chemistry (3rd Year) — Fred Walker Scholarship
James Cuming Memorial Scholarship (Minor)
James Cuming Memorial Scholarship (Major)
Chemistry (4th Year) — Riseborough Prize
Mathematics — Professor Nanson Prize
Wyselaskie Scholarship

Wilson Prize
Engineering Mathematics 1 — Exhibition
Engineering Mathematics 2 — Gordon Hunt Memorial Prize
Engineering Mathematics 3 and Engineering Mathematics 3A — Dixon Scholarship
Engineering Mathematics 4 — Stephen Bell Memorial Prize
Applied Mathematics (1st Year) — Dixon Scholarship
Pure Mathematics (1st Year) — John MacFarland Exhibition
Applied Mathematics (2nd Year) — Dixon Scholarship
Pure Mathematics (2nd Year) — Dixon Scholarship
Applied Mathematics (3rd Year) — Dixon Scholarship
Pure Mathematics (3rd Year) — Dixon Scholarship

Andrew John Marosy
Timothy John Entwisle (J.C.H.)
Kerry MacMunn
Peter Lindsay Mallen (Ormond)
Jennifer Ann Dickins
Roger L. Karge
Day E. Male
Alistair David Strong (Ormond)
Guy Malcolm Olorenshaw
John Anthony Stanek
Peter Mallen (Ormond)
Jennifer Ann Dickins
Mark Edward Hilton
Peter Francis Skilton
Marie-Isabel Aguilar
Anne Christine Brown
Dianne Elizabeth Hunt
Philip Thomas Zeglinski
Éddie Lung Yui Pang
Peter D. Carpenter
Not Awarded
Craig David Hodgson (Trinity)
Jeffrey Bernard Rogers
Michael Geoffrey Penington
Theodore Wang
James Fletcher Royston (Trinity)
David John Mair (Whitley)
David Michael Silver
Robert Vencel
David Leonard Dowe (Queen’s)
Catherine Gail Martin (Queen’s)
Ewan James Barker (Ormond)
John Philip Duggan
Mark Norman Ellingham
<table>
<thead>
<tr>
<th>Prize</th>
<th>Winner</th>
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<tbody>
<tr>
<td>Maurice H. Belz Prizes</td>
<td>Ewan James Barker (Ormond)</td>
</tr>
<tr>
<td>— First Prize</td>
<td>Elizabeth Victoria Dowling</td>
</tr>
<tr>
<td>— Second Prize</td>
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<tr>
<td>Statistics (Degree with Honours) — Dwight Prize</td>
<td>Iain MacKenzie MacPhee</td>
</tr>
<tr>
<td>Geology — C. M. Tattam Scholarship</td>
<td>Russell Ronald Wilk</td>
</tr>
<tr>
<td>Professor Kernot Scholarship</td>
<td>Not Awarded</td>
</tr>
<tr>
<td>Geology (Agriculture and Forestry) — W. H. Furguson Memorial Prize</td>
<td></td>
</tr>
<tr>
<td>Geology (1st Year) — Argus Exhibition</td>
<td>Michael Andrew V. Moore</td>
</tr>
<tr>
<td>Geology (2nd Year) — Exhibition</td>
<td>Mark Campbell Hinman</td>
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<tr>
<td>Geology (3rd Year) — Exhibition</td>
<td>Mark Victor Berry</td>
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<tr>
<td>Physics — Dieul-Kursweil Scholarship</td>
<td>Stephen Frederick Collins</td>
</tr>
<tr>
<td>Physics 1 (Engineering) — Exhibition</td>
<td>Andrew Frederick Salamy</td>
</tr>
<tr>
<td>Physics (Medicine) — G. A. Syme Exhibition — T. F. Ryan (Roentgen)</td>
<td>Lee Soon Tin (Ridley)</td>
</tr>
<tr>
<td>Physics (Medicine) — T. F. Ryan’s Prize</td>
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<tr>
<td>Physics (1st Year) — Dwight’s Prize</td>
<td>Sam Chachou</td>
</tr>
<tr>
<td>— Dixon Scholarship</td>
<td>John Francis Doolan</td>
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<tr>
<td>— Dixson Scholarship</td>
<td>David Angus Penington (University)</td>
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<tr>
<td>William Sutherland Prize</td>
<td>Frank Rossi</td>
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<tr>
<td>— Dixon Scholarship</td>
<td>Josef Alexander Zuk</td>
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<tr>
<td>Genetics — Dwight’s Prize</td>
<td>Frank Rossi</td>
</tr>
<tr>
<td>— Dixon Scholarship</td>
<td>Josef Alexander Zuk</td>
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<tr>
<td>Physics (3rd Year) — Dixon Scholarship</td>
<td>Mark Mauro Casali</td>
</tr>
<tr>
<td>— Dixon Scholarship</td>
<td>Peter Charles Williams</td>
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<tr>
<td>Genetics — Dwight’s Prize</td>
<td>Sharon M. Willcox</td>
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<tr>
<td>— Dixon Scholarship</td>
<td>(St Mary’s)</td>
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<td>— Dixon Scholarship</td>
<td>Leslie Christidis</td>
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<td>Zoology — MacBain Research Scholarship</td>
<td>Julie Ann Harris</td>
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<td>Margaret Catto Scholarship</td>
<td>Garry Ronald Russ</td>
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<td>VETERINARY SCIENCE</td>
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<tr>
<td>Commonwealth Bureau of Animal Health — Prize</td>
<td>Not Awarded</td>
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<tr>
<td>Dairy Farmers of Victoria — Postgraduate Scholarship</td>
<td>Philip Simon Craig</td>
</tr>
<tr>
<td>A.V.A. (Victorian Division) Prize</td>
<td>Peter Wendell-Smith (Ormond)</td>
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<td>Harry Worthington Prize</td>
<td>David Morris</td>
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<tr>
<td>John Nevill Research Scholarship</td>
<td>Bruce William Parry</td>
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<td>Mary W. Wilson Prize</td>
<td>Janet Anne Stumbo</td>
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<td>Payne Exhibition</td>
<td>Warren Foreman</td>
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<tr>
<td>Sunshine Foundation Scholarship</td>
<td>Victor Maurice Epstein (Newman)</td>
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<tr>
<td>— May and Baker Prize</td>
<td>David Lawrence Obendorf</td>
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<tr>
<td>Memorial Prize</td>
<td>George Barry Smyth</td>
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<tr>
<td>Clinical Conference — Melbourne</td>
<td>Ian William Harrison (Trinity)</td>
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<tr>
<td>Metropolitan Veterinary Practitionians — Prize</td>
<td>Janet Anne Stumbo</td>
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<tr>
<td>— Memorial Prize</td>
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<tr>
<td>Veterinary Surgery — May and Baker Prize</td>
<td>Eleanor Temby</td>
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</tbody>
</table>
Animal Reproduction — National Bank Prize
Veterinary Preventive Medicine — Stanbroke Pastoral Company Prize
Veterinary Clinical Medicine — W. M. Vansell Prize
Veterinary Science (3rd Year) — Dwight's Prize
Veterinary Anatomy — Ramsay Prize
Veterinary Paraclinical Sciences — H. E. Albiston Prize
Veterinary Microbiology — Commonwealth Serum Laboratories Prize
Veterinary Pathology — A.V.A. (Federal Council) Prize

Peter Scott (Trinity)
Ann Noske
Peter Wendell-Smith (Ormond)
Jillian Margaret Pavia (Whitley)
Kathryn Elizabeth Davis
Vicki Anne Sharp
Jillian Margaret Pavia (Whitley)
Alan Jeffrey Sultan
DEGREES AND DIPLOMAS
CONFERRED 1979

ADMISSION TO HONORARY DEGREES

DOCTOR OF LAWS
Ernest William Coates, Kt., C.M.G., B.Com.

DOCTOR OF MEDICINE
Archibald Keverall McIntyre, M.B., B.S., D.Sc. (Syd.), F.A.A.

PRESENTATION OF THE DAVID SYME RESEARCH PRIZE FOR 1978
Alan Maxwell Bond, D.Sc.

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Jill Anne Astbury, B.A., M.Ed. (Education)
Alan Henry Bernard Barrett, B.A. (History)
Ralph William Biddington, B.A. (Monash), B.Ed. (Education)
Ian David Bishop, M.Sc. (Environmental Studies)
Raymond Colin Black, M.Sc. (Otolaryngology)
Leon James Bren, B.Sc. (Agriculture)
Margaret Lorraine Britz, B.Sc. (Microbiology)
 Lynne Mary Broughton, B.A. (Philosophy)
John Montague Browne, B.E., B.Sc., M.App.Sc. (Mechanical Engineering)
Roderick Lance Bruce, B.Sc. (Chemistry)
Robert Colin Burns, B.Sc. (Chemistry)
Alistair Robert Carr, B.Sc. (Physics)
Jonathan Ernest Murray Clarke, M.Litt. (Oxf.), B.A. (Russian)
Peter Neil Clarke, B.A. (Camb.), M.Ed. (Monash) (Education)
Geoffrey Harold Covey, B.Sc. (Surrey) (Chemical Engineering)
Antoinette Gabrielle Cross, B.A. (Psychology)
Ronald Alan Cuthbertson, B.Sc. (Physics)
Lesley Eileen Dixon, B.A. (History)
Peter Dumovic, B.Sc. (Monash), M.Sc. (Psychiatry)
Lawrence William Harry Eddie, B.Sc. (Manitoba), M.Sc. (Physiology)
David Fei Tai Wai, B.Sc. (Manitoba), M.Sc. (McMaster) (Physiology)
Marilyn Ford, B.A. (Psychology)
James Charles Fox, M.Eng.Sc. (Mechanical Engineering)
Lesley Ann Fricker, B.A. (Liverpool) (Economic History)
Lindsay Gething, B.A. (N.S.W.) (Psychology)
Christopher David Godsil, M.Sc. (Mathematics)
Roy Gordon Goldie, B.Sc. (Monash) (Pharmacology)
Lee Yvonne Golding, B.Sc. (Geology)
Laurence Charles Goldsworthy, B.E. (Mechanical Engineering)
Brendan Gerrard Goodman, B.Sc. (Dublin) (Chemistry)
Peter Frances Gorman, B.A. (Lond. and Monash) (Classical Studies)
Alan James Grant, B.Sc. (Microbiology)
Joan Evelyn Graystone, B.Sc. (Paediatrics)
Andrew John Gregory, B.A. (Fine Arts)
Eric Haywood, M.A. (Wellington) (Applied Economics and Social Research)
James Hogg, B.Sc. (Glasgow) (Agriculture)
Wendy Hope, B.Sc. (Pharmacology)
John David Horowitz, M.B., B.S., B.Med.Sc. (Adel.) (Pharmacology)
Terence Charles Hughes (Geology)
John Julian Jackowski, B.Sc. (Chemistry)

Thomas Donald Keenan, B.Sc. (Physics R.A.A.F.)

Derek John Kew, B.Sc. (Chemistry)

Frederick Denis Kiellnerup, B.A. (Psychology)

Ken’ichi Imanishi, B.Agr.Sc., M.Sc. (Tokyo) (Medical Biology)

David Lee Kennedy, B.Sc. (Physics)

Howard George Kranz, M.A. (Otolaryngology)


Kerry Anne Landman, B.Sc. (Hons.) (Mathematics)

Lee Chew Phong, B.Sc., Dip.Ed. (Pathology)

Robert Charles Lile, M.Sc. (San Jose) (Meteorology)

Brian Joseph Linard, B.Sc. (Physics)

Jose Fernando Piva Lobato, M.Sc.Agr. (Brazil) (Agriculture)

Clifford William Mallett, B.Sc. (Qld.) (Geology)

Peter Donald McFadden, B.E. (Mechanical Engineering)

Colette Mary McKay, B.Sc. (Physics)

Iain Charles Medgett, B.Sc. (Pharmacology)

George William Mihaly, M.Sc. (Syd.) (Medicine)

Robert Charles Miller, B.Sc. (Pharmacology)

Alan Gordon Moller, M.A. (History)

Asikin Natasasmita, D.V.M. (Indonesia), M.S. (Kentucky) (Agriculture)

Philip Nesci, B.Sc. (Physics)

Ngian Kian Fah, B.E. (Chemical Engineering)

Bernard Thomas O’Connor, M.Sc. (Liverpool) (Geology)

Awad Rizk Oussa, M.Sc. (Ain Shams) (Chemical Engineering)

Robert Geza Padanyi, B.Sc. (Pharmacology)

Gregory Douglas Parry, B.Sc. (Zoology)

William Thomas Parsons, B.Agr.Sc. (Agriculture)

Yvonne Jean Paterson, M.Sc. (Manchester), B.A. (A.N.U.) (Biochemistry)

Antonio Frank Patti, B.Sc. (Chemistry)

Timothy Adrian Patton, M.Eng.Sc. (Civil Engineering)

Stephen Stewart Prime, B.D.S. (Birmingham) (Dental Science)

Leslie Harold Pyke, B.E., M.Econ. (W.A.) (Chemical Engineering)

Sarah Anne Rebeckmann, B.Sc. (Geology)

Marcus John Richards, B.Sc. (Chemistry)

Aliastair Ian Robertson, B.Sc. (Zoology)

Suzanne Margaret Rodger, B.Sc. (Microbiology)

Robyn Joyce Russell, B.Sc. (Monash) (Microbiology)

Rodney David Seppelt, M.Sc. (Adel.) (Botany)

Ian James Smart, M.Sc. (Botany)

Christopher John Smith, B.Agr.Sc. (Agriculture)

Stephen Bruce Solomon, B.Sc. (Physics)

Robin Sydney Stevens, B.Mus., B.Ed. (Music)

Subrahmaniyam Susarla, B.Tech. (Osmania) (Chemical Engineering)

Valerie Maru Surtees, B.Sc., M.B., Ch.B. (Manchester) (Pathology)

Imants Dzintars Svalbe, B.Sc. (Physics)

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Andrew Charles Theophanous, B.A. (Monash), B.Litt. (Oxf.) (Philosophy)

Ross David Ulman, M.B., B.S. (Medicine)

Roger John Vass, M.Eng.Sc. (Civil Engineering)

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Bernard Francis Whiting, B.Sc. (Physics R.A.A.F.)

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Andrew Kenneth Warner Wood, B.V.Sc. (Syd.) (Veterinary Science)


Simon Ward Wright, B.Agr.Sc. (Biochemistry)

Yong Ah Chot, B.Sc., Dip.Ed. (Chemistry)
FACULTY OF AGRICULTURE AND FORESTRY

DOCTOR OF AGRICULTURAL SCIENCE (1964)
Frederick Harold William Morley, B.V.Sc. (Syd.), Ph.D. (Iowa)

MASTER OF AGRICULTURAL SCIENCE (1923)
Hussein Salem Bamakhramah, B.Sc., (Agr.) (Cairo)
Paul Belin, B.Agr.Sc.
Henry Albert Birrell, B.Agr.Sc.
Roger Gregory Campbell, B.Agr.Sc.
Narongsak Chanmeesri, B.Sc. (Agr.) (Kasetsart)
Christopher Grainger, B.Agr.Sc.
Colin Lauchlan McDonald, B.Agr.Sc.
Colin John Peel, B.Agr.Sc.
Raymond Joseph Rodgers, B.Agr.Sc.
Adib Roufail, B.Agr.Sc. (Cairo)
Garry Anthony Smith, B.Agr.Sc.
(Massey)
Linton Drew Staples, B.Agr.Sc.
(La Trobe)
Michael John Williamson
Peter Bruce Wylie, B.Agr.Sc. (Qld.)

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David Winton Briggs
Barry James Croft
Christopher Michael Ellis
Charles Gary Engelbogen
Anne Elizabeth Galloway
Philippa Anne Goodson
Kenneth John Grenfell
Eleanor Melvin
Doris Pace
Ronald Allan Parr
Russell David Pattinson
Geoffrey James Thompson
Graeme Neil Ward
Jan Elizabeth Williamson

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Paul George Dakis
Roger Damon Theophilus Davies
Robert Thomas Dimsey
Xavier Joseph Duff
Jacqueline Edwards
Alex Fekete
Peter Kendall Fraser
Philip James Haines
Kathryn Dorothy Holder
Stuart Alexander Holland
Geoffrey Kemp Howard
Thomas Kevin Kueter-Luks
Stephen Nicholas Lottkowitz
Ian Bruce Mason
Anne Maria McDonald
Christopher James Lougher McIntosh
Celine McNelis
Denysse Della Menzies
Grant Roy Mono
Hilary Patricia Newman
Gayle Maree Neylan
Gary David O’Connor
Heather May Ould
Ian William Parsons
Dean Warwick Polkinghorne
Peter Dominic Schauble
Susan Swaney
Tiw Kai Poo
Christopher Tseu Chee Thau
Bruce Allan Watkins
Bruce Andrew Weston
Arthur Robert Williamson
Wong Hong Tong
Kathryn Elizabeth Woodgate

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William Gerard Keating
Joseph John Mack
Madhab Bahadur Thapa, B.Sc. (Nepal)
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Trevor John Burt
Ian Douglas Christie
Anthony Charles Long
Steven Mathews

Robert Charles McCarthy
Stewart John Price
Donald Alan Ramsay
Kevin Andrew Ritchie
Lex Allan James Thomson

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Andrew Warren Flint
Brenton Paul Harms
Alan Thomas Irving
Robyn Dawn Kesby
Terrence William McAliece

Gary William Morgan
James Ian Morton
Simon Charles Murphy
Anthony Graham Raven
Ross Graham Runnalls
Robert Leslie Russell

FACULTY OF ARCHITECTURE, BUILDING AND TOWN AND REGIONAL PLANNING

MASTER OF LANDSCAPE ARCHITECTURE (1979)

Richard Eugene Longacre, B.S. (Pennsylvania)

MASTER OF ARCHITECTURE (1953)

Kimberley George Dovey

Gregory Kenneth Missingham, B.Arch.

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Terence John Atchison
Heather Louisa Bevis
Chen Seong Kai
Ian David Field
Meredith Karen Gould
Victoria Hamer
Wojciech Jacek Piotr Holgar
Lim Neo Khoon

Andrew Russell Lonie
Howard Wilson Raggatt
Katherine Jean Secomb
Simon David Shaw
Christopher Peter Smith
Kelvin James Steel
Tung Boon Wong
Teresa Halina Zarnowiecki

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Ezio Anthony Costa
Susan Lovell Cumming
Raymond Thomas Facer
Paul Stanley Gardiner
David Edmund Grey
John Grinpkel
Ian Richard Hartley
Kristen Allyn Harvey
George Hatzisavas
Paul Anthony Hede
Trevor Garth Herbert Henshaw
Simon Gerard Hill
Heiner Huning

Gary Donald Hunt
Peter Karvelis
Gerald Dominic Anthony Kelly
Merja Katriina Koivistoinen
Lang Foong Poh
Laurleen Lee
Ma Kooi Ying
Grant Furio Marani
Brian Francis Moran
Kerryn Ann Page
Louise St. John Ruse
Raymond Peter Smith
Phillip Douglas Stary
Diana Leigh Tapsall
Woo Yun Loong
BACHELOR OF BUILDING WITH HONOURS (1965)

John Richard Galloway
Keith Alexander Hancock
Michael James Norris
Peter John Stewart
Linda Gaye Tivendale
Edward Roberts Yencken
Arthur Yeo Hui Kong

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Peter John Barracough, B.Com.
William Emanuel Best
John Robert Browning
Chew Nane Cheong
Francis Chua Go Beng
Dale Cohen
Peter Martin Cusack
Bruce Maxwell Gordon
Philip John Harding
Simon Thomas McCoy
Philip Corryton Rounsevell
Danny Shafar
Sia Yok Tee
Tan Choon Hoo
Ting Sing Bing
Geoffrey Leonard Woolcock

MASTER OF TOWN AND REGIONAL PLANNING (1967)

Leslie Harold Lawther, B.T.R.P.

BACHELOR OF TOWN AND REGIONAL PLANNING WITH HONOURS (1979)

Susan Peta Brown
David John Cafiso
Vicki Michele Davies
Adrienne Farago
Kim Patrick McGough
Harry Nankin
Mark Roger Tansley
Marion Jane Thompson

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Matti Jacques Ainsaar
Peter John Anderson
Charles Tremayne Andrews
Amanda Jane Barnett
Graham Howard Bower
John Raymond Brennan
Griffith Leslie Clemens
Peter Roy Cumming
Philip Rex Dalton
Maxine Lyndsay Dawson
Graeme Stanton John Dickson
Denise Mary Gray
Brian Patrick Haratsis, B.Com.
Richard Neil Head
Peter Julian McEwan
Bernard Paul McNamara
Margaret Minty
Barbara Jean Norman
Alan Charles Robertson, Dip.T.R.P.
Grant Scale
Sonia Marion Shaw
Christina Ann Sheldon
Clifford Phillip Skinner
Marcus Luigi Spiller
Gerard Andrew Wade
Glenda Lesley Wilkinson
Judith Lynne Wilks
Cynthia Louise Wilson

FACULTY OF ARTS

MASTER OF ARTS (1860)

Jacob Abrahami, B.A. (Economics)
Susie Janet Allanson, B.A. (Psychology)
David Hugh Barker, B.Com. (Economics)
Josephine Mary Barnes, B.A. (W.A.)
(English)
Helen Elizabeth Borland, B.A. (Russian)
Bernard Thomas Buttery, B.A.
(Philosophy)
Margaret Fosbery Chambers, B.A. (Syd.)
(History)
Richard Mary Cotter, B.A. (Philosophy)
(Social Studies)
Arthur Ernest Crook, B.A. (Qld.)
(Psychology)
William Thomas Dobson, B.A. (Economics)
Stuart William Evans, B.A., Dip.Soc.Stud. (Social Studies)
Shashanna Sidnie Fern Evans, M.A. (Toronto) (Psychology)
Jenny Barbara Ferber, B.A. (Classical Studies)
Rowan Ainslie Field, B.Sc., B.Ed. (Middle Eastern Studies)
Elizabeth Leah Fink, B.A. (Fine Arts)
Donald Frearson, M.Ed. (W.A.) (Economics)
Russell Alan Grigg, B.A. (Philosophy)
Janet Dianne Gudkovs, B.Sc. (Psychology)
Jonathan Charles Harris, B.A. (Macquarie) (History)
Melvyn Edward Henderson, B.Sc. (Wales) (Psychology)
Struan William Jacobs, B.A. (Tas.) (Political Science)
Robert Bruce Kennedy, B.A., B.Sc. (History and Philosophy of Science)
Joan Felicity Kerr, B.A. (English)
Mary Agnes Kotzmann, B.A., B.Com. (Psychology)
Andrew Lucian Lynch, B.A. (English)
Philippa Catherine Maddern, B.A. (History)
Essie Marendy, B.A. (Qld.) (History)
Janet Patricia Matthews, B.A. (McMaster) (Psychology)
Kerry Leon Milte, LL.B., Dip.Crim. (Criminology)
Kevin Peter Mirabella, B.Com. (Political Science)
Mary Mylonas, B.A. (English)
Richard Philcox, B.A. (Qld.) (Economic History)
Desmond Michael Pickering, B.Com. (Psychology)
Anne Elizabeth Plymton, B.Com. (Economic History)
Henry Francis Pook, B.A. (History)
Carolyn Anne Rasmussen, B.A. (History)
Louise Christina Rose, B.A. (English)
Neville John Rosengren, B.Com. (Geography)
Amaryll Jean Rzechorzek, B.A. (Psychology)
John Damien Scahill, B.A. (Syd.) (English)
Melinda Ann Schneider, B.A. (Psychology)
Morfydd Anne Sharp, B.A., Dip.Ed. (History)
Joyce Aubrey Thomson, B.A. (Fine Arts)
Gitta Gertrud Trexler, B.A. (Philosophy)
Kosmas Tsokkas, B.A. (Political Science)
Albert Tuan-Mu Chih Keung, B.Sc. (Monash) (Geography)
David John Walker, B.A. (History)
Andrew Hidde Guustaafl Walta, B.A. (Psychology)
Peter Julian White, B.A. (Middle Eastern Studies)
Janice Whiteside, B.A. (History)
Therese Margaret Woolfe, B.A. (Qld.) (Political Science)
Helen Marie Woollacott, B.A. (W.A.) (Psychology)
Airlie Ruth Worrall, B.A. (Monash) (History)

BACHELOR OF ARTS (1920)
(Degree with Honours)

Roberta Gioia Maria Abba (French and Italian)
Jeanne Maree Allen (French)
Vivian Ann Anceschi (English and History)
Beth Lorraine Anderson (Geography)
Jennifer Marion Anderson (Chinese)
Kim Andrews (Fine Arts and Philosophy)
Susanne Jane Arnold (Chinese and Political Science)
Jennifer Eunice Baillie (Psychology)
Jeanette Heather Baird (English and Philosophy)
Jillian Raye Ball (Psychology)
Lois Anne Barker (Fine Arts and Middle Eastern Studies)
Christopher David Barker (Psychology)
Steven Barlow (History)
Fiona Patricia Barson (Psychology)
Paul Rene Bartho1omeusz (Fine Arts)
Roger Harold Benjamin (Fine Arts and Philosophy)
Rosa Rosaria Bisucci (Fine Arts with Geography)
Alison Louise Black (Geography)
Anne Louise Bodley (Psychology)
Ayliffe Anne Borland (Geography)
Moira Borthwick (Philosophy and Political Science)
Jane Heidi Breekveldt (Psychology)
Athol Ernest Brewster (History and Indian Studies)
Peter David Bright (English and Music)
Graham James Briscoe (Psychology)

101
Celia Margaret Brown (History and Political Science)
Bruce David Allen Brown (English)
Hubert Oliver Browning (History with Political Science)
Robert Scott Bryson (Philosophy)
Sandra Bryson (English and History)
Sarah Christina Bulleid (English and French)
Rosanna Cairo (French and Italian)
Damien Michael Cash (History and Political Science)
Niranjan Robert Casinader (Geography)
Vicki Beryl Caulfield (Political Science)
Marianne Cavallo (Germanic Studies)
Teresa Mary Celewych (Geography)
Zoya Cernavin (Russian)
Michael Barrington Chadwick (Middle Eastern Studies)
Andre Wojciech Chadzynski (Geography)
Robin Judith Champ (English and History)
Wendy May Cleary (English and Fine Arts)
Ewan Keith Coffey (English and Latin)
Mark Leonard Collins (English and History)
Gail Elizabeth Crennan (English)
Julia Lynne Davis (English)
Julie Ann McGregor Dawson (Political Science)
Michelle Sue Dewar (History)
Andrea Mary Dingemans (English and French)
Andrew Walter Leopold Dingjan (Political Science)
Robert Ambrose Duberry (Geography)
Anne-Marie Sylvie Duff (French)
William Timothy Duncan (Economic History and Political Science)
Maria Luisa Durante (Italian)
Lynnette Rae Evans (Geography)
Carol Anne Farmer (History)
Erich Fritz Felber (Germanic Studies)
Inge Maria Fernando (German with Philosophy)
Lee Carol France (Geography)
Jennifer Anne Fraser (English with Geography)
Janet Anne Fullerton (English and Latin)
Judith Noelle Garde (English)
Grayson Joy Gerrard (English)
Richard Pearson Gillespie (History and Philosophy of Science)
Robert James Gott (English)
Thomas Rhys Griffiths (History)
Bronwyn Elisabeth Hansford (English and Music)
Ian McGovern Hay (Psychology)
Peter Desmond Herbert (English)
Jennifer Anne Hibben (History)
Lynne Maxine Horwood (English)
Gregory David Houghton (History and Political Science)
William Thackray Houghton (Political Science)
Penelope Anne Hueston (French with Italian)
Helene Hughson (French)
Joseph Edwin Incigneri (Philosophy)
Judith Ingrouille, Dip.Phys.Ed. (Economics)
Simon William Jenkinson (History and Philosophy)
Deborah Sharon Johnson (Political Science)
Henrietta Larsson Johnston (Germanic Studies)
John James Jones (Fine Arts)
Ross Lee Jones (History)
Michael Sebastian Kane (History)
Guenolee Claude Marie Kerlero De Rosbo (French)
Barbara Florence Kneebone (Mathematical Statistics)
Annette Muriel Knight (Geography)
Diane Kostal (English)
Barbara Anne Kueller (Germanic Studies)
Kathleen Lahey (Geography)
Terrence John Laidler (Psychology)
Julie Esther Landvogt (English and French)
Kathy Laster (History)
Christopher Gavin Leck (Psychology)
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Neil Timothy Lewis (Philosophy)
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Paula Majella Roberts (English and Italian)
Elizabeth Anne DeQueterville Robin (Linguistics and Psychology)
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Mary-Lynn Ross (Geography)
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Jeremy Mills Salt (Middle Eastern Studies)
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Julie-Anne Margaret Sutton (English and German)
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Marie-Louise Temby (English and French)
Paul Bernard Thornton-Smith (History)
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Ross Maxwell Walker (English and French)
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Lee Anne Watts (History)
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Christine Ann Wignall (English)
Buddy William Neil Wileman (Political Science)
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Philip Moulton Maxwell
Brenda Jane Mazoletti
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David John McDonald
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George Alan Murdoch
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Leendert Notenboom
Terence Thomas O'Meara
Ann Marguerite O'Neill
Kiera Ellen O'Neill
Eric Peter Osborn, B.E.
Margaret Mary O'Sullivan
Debra Graham Overton
Jennifer Merle Owen
Mirella Pagani
Maria Paget
**FACULTY OF DENTAL SCIENCE**

**DOCTOR OF DENTAL SCIENCE (1913)**

Gordon John Hinrichsen, M.D.Sc.

**MASTER OF DENTAL SCIENCE (1939)**

Ang Woo York, B.D.Sc. (Singapore)
Robert William Berry, B.D.S. (Sheffield)
David Frazier Ellett, B.D.Sc.
Graham Michael Hall, B.D.Sc. (London)
Thomas Robert Helsby, B.D.Sc. (Syd.)

Geoffrey Morris Levy, B.D.Sc.
Renton Dawson Newbury, B.D.Sc.
Andrew John Spencer, B.D.Sc.
Chee Claire Steidler, B.D.Sc.

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Carol Frances Amoretty
Halimah Bakar Cassim
John Douglas Bergman
John Sydney Boucher
Paula Edith Brown
Hanny Calache
Stephen Anthony Cameron
David Peter Cantillon
Terry King Hay Chang
Anthony John Dickinson
Ian Edwin Edmonds
Phillip Gerard Favaloro
Geoffrey John Hart
Peter Ross Hays
Christopher Ian Homewood
David Honig
Russell John Ivill

**FACULTY OF ECONOMICS AND COMMERCE**

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John Mac Brunckhorst, B.Com. (Otago)
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Brett Anthony Collins, M.Sc. (Camb.)
Arnold Reginald Crowe, A.R.M.I.T.
Ian Norman Davidson, B.Com. (W.A.)
Christopher John Figgis, B.E. (Syd.)
Douglas Ronald Flynn, B.E. (Newcastle)
Neil David Gunn, B.Ed. (Adel.)
Peter James Harper, B.App.Sc. (Lawes)
David Anthony Hordern, B.Econ. (Qld.)
John Robert Lee, B.Com., B.Ed.
Peter Lung Wah Yung, M.A. (Monash)
Grahame Douglas Miller, B.Econ. (Qld.)
Ian David Mortley, B.Com.
Ng Kim Guan, B.Com.

Timothy Hugh O'Brien, B.Sc.
Terrence Mortimer O'Reilly, B.Com.
Jeffrey Olaf Olsen, B.Com.
John Mitchell Phair, B.Sc., B.Ed.
Geoffrey Roy Probert, B.Sc.
Lawrence John Robertson, F.R.M.I.T.
Kevin Norman Rowles, B.E. (Qld.)
Scott Cameron Sanderson, B.E.
Vincent James Scully, B.Sc.
Andrew Denis Shanahan, B.Com.
Wenceslaus Joseph van Lint, B.Ec. (Monash)
Christopher Kenneth Warren, B.Sc.
(London)
Quentin Mark Watson, B.Ec. (Tas.)
MASTER OF COMMERCE (1928)

Geoffrey Herbert Burrows, B.Com.
(Monash)
Malcolm Alexander de Silva, B.Com.

Daina McDonald, B.Com.
Robert William Nottle, B.Com.
Geoffrey Alan Sandy, B.Com., Dip.Ed.

BACHELOR OF COMMERCE (1948)
(Degree with Honours)

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Phuong Thi-Anh Nguyen
Marina Anna Milica Teofilovic
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David Aizenstros, B.E.
Ang Poh Choo
Peter Robert Angel
Peter John Barracough
Mark Peter Barson
Steven Emanuel Bashta
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Michael Vincent Bolam
John Stanbridge Boyd
Edvokia Bracoulias
Lawrence Bradly
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Allan David Brown
Bruce Stanley Burdon-Smith, LL.B.
Nicholas Edgar Burne
David Geoffrey Burridge, LL.B.
Christopher Mark Butler
Tim Leo Carberry
John Francis Carmody, LL.B.
Stephen Alexander Cheesewright
Cheong Sau Wan
Simon Joshua Cherry
Chi Ol Meng
Kenneth Chan Dun Chau, LL.B.
Chin Ai-Ling
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Mario Ralph Phillip Crea
Duncan Alan Crockett, B.E.
Peter John Cudlipp
John Michael Cudmore
Catherine Mary Dale
Gary Ian Davenport
Mirella Sarah De Lorenzo
John Mark Del Medico
Michael Lewis Diamond
James Dick
John Paul Dickinson
Anita Helene Dickson
Diane Barbara Dixon
Sheree Lynne Drever
Graeme Dunn
Ian Russel Durham
Allen George Edwards, B.A.
Joyce Margaret Edwards
Robin Jay Edwards
Peta Mary Ely
Matthew Walter Etty-Leal
Kenneth David Evans
Bruce Andrew Farmer
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Glenn Robert Feben
Mandy Joy Fiedling
John Anthony Fitzgerald
Anthony Stephen Fleming, B.Sc.
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Graham Charles Froebel, LL.B.
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Sergio Anthony Galanti
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Gan Tee Kian
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Francis John Glynn
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Jeffrey Stevens Gomes
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Megan Joan Gregor
Neale John Gribble, LL.B.
Denise Margaret Gronow
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Alistair Neil Hamblin
Leigh Edward Hamilton
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Brian Patrick Haratsis
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Ian Thomas Harrison
Warren James Harris
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Hoh Kim Hyan
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Ian Charles John
Roger Leonard John Johnson
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Lim Chiew
Alexander Lim Kee Choon, LL.B.
Keith Thomas Linard, B.E., B.T.R.P.
David Arthur Lissauer
Low Soh Ber
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Steven Mak Ying Cheng
Indra Manickavasagam
Leone Rae Mansell
Bruno Paul Mariani
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Gillian Shirley Mason
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Panteleon Leon Mastosavvas, LL.B.
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Kirsty Margaret McKinnon
David William McLaughlin, LL.B.
Andrew Duncan McNicol, LL.B.
Bruce Robert Meehan
Vasilike Michaelides
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Ong Kok Siang
Ooi Thean Chor
Steven Oon Szu Yuan
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Tan Kok Chew
Tan Phaik Suat
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John Raymond Whiting, B.A. (Monash)
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Andrea Wong Yee Yong
Kevin Wong Chee Wah
Wong Siew Chin
Brendan Joseph Peter Wood
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Yeung Chi-Kwong
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George Morgan, B.Sc. (N.S.W.)
Carmel Helen O'Dwyer, B.A.
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Peter Rzechorzek, B.Surv., Dip.Ed.
Kevin James Sharman, B.Com.
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Susan Wendy Hibburt, B.Sc.
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Genevieve Mary Monteiro, B.A. (Bombay)
Denis James Moore, B.A.
Desmond Laurence Murphy, B.Sc., Dip.Ed.
Thomas Gerard Murphy, B.Sc.
Frances Jean Murray, B.Sc.Ed.
Kathleen Veronica Nolan, B.Sc.
Noel Thomas O'Brien
David John Minns Parker, B.Com.
Lillian Grace Powell, B.A. (Tas.)
Adrian Gerard Power, B.Sc., Dip.Ed.
Alison Docker Read, B.Sc., Dip.Ed.
Faye Jeanette Richardson, B.A., B.Sc.Ed.
Michael Bernard Rooney, B.Sc.
Alec Rudakov, B.Sc.
Maria Christina Sartori, B.Ed. (Monash)
Brian Reginald Sharkey, B.A. (Macquarie)
Alessandra Shute, B.A.
Diana Mae Smith, B.A.
Michael George Stallard, B.A.
Teh Siew Eng, B.App.Sc. (V.I.C.)
Charles Douglas Toussaint, B.Sc.Ed.
Patricia Rosemary Tracey, B.A. (Monash)
Ronny Wilhelm von Hagen-de Bruin, B.A. (Monash), Dip.Ed.
Peter Maurice Waters
Robyn Helena Whiteley, B.A.
Keith James Whitford, M.A., Dip.Ed.

FACULTY OF ENGINEERING

MASTER OF ENGINEERING SCIENCE (1941)

Christopher Grant Alford, B.E. (Mining)
John Frederick Arnold, B.E. (Electrical)
John Cullen Campbell, B.E. (Electrical)
Siddhjai Cheod-Ampai, B.E. (Chemical)
Gary Samuel Ciddor, B.E. (Agricultural)
Graham Ross Cook, B.E. (V.I.C.) (Civil)
Phillip Murray Dight, B.E. (Civil)
Michael John Down, B.E. (Agricultural)

Geoffrey Norman Ellison, B.E. (Chemical)
William Ross Grayson, B.E. (Civil)
Bernhard Martin Gregg, B.E. (Civil)
Kevin Patrick Hunt, B.E. (Mechanical)
Law Siew Peng, B.E. (Mechanical)
Lo Kin Keung, B.E. (Civil)
Stephen John Mills, B.E. (Monash) (Civil)
BACHELOR OF ENGINEERING (1883)

Anthony John O'Meagher, B.E. (V.I.C.) (Civil)

Ooi Aik Min, B.E. (Electrical)

Mark Patrick, B.E. (Civil)

Patrick James Patterson, B.E., B.Com. (Chemical)

John Philip Piper, B.E. (Civil)

George Rechnitzer, B.E. (Monash) (Mining)

Joseph Rotenberg, B.E. (Electrical)

Suzanne Rosalie Salzano, B.E. (Electrical)

Seng Jee Oun, B.E. (Mechanical)

Gregory Howard Sier, B.E. (Mechanical)

Alexis Sum Chiu Man, B.E. (Electrical)

Leonard Edward Taylor, B.E. (Mechanical)

Neil Bruce Wellington, B.E. (Civil)

Andrew McKenzie Williams, B.E. (Electrical)

Tony Aloisio (Civil)

Jennifer Margaret Anderson (Mechanical)

Jeremy John Archer (Chemical)

Richard John Armstrong (Chemical)

Christopher Neil Ashton (Chemical)

David John Aughton (Agricultural)

Bruce Nathaniel Baldock (Agricultural)

John Ashwin Bennett (Civil)

Hafiz Bin Selleh (Civil)

Robert Boscuarato (Civil)

Stephen John Boyle (Electrical)

James Hilary Braithwaite (Chemical)

John Alan Breare (Electrical)

David Alan Brewer (Civil)

Paul Robert Calder (Electrical)

Douglas Edmund Calvert (Electrical)

Claudio Cardillo (Mechanical)

Roger John Carse (Civil)

Peter Irving Chancellor (Civil)

Cheong You Chin (Electrical)

Cheong Yue Choy (Civil)

Choong Yoon Tong (Civil)

Choy Tai Seng (Civil)

John Philip Clarke (Civil)

Josephine Conneallyn (Civil)

Peter Myles Connor (Civil)

Simon Hugo Crane (Mechanical)

Brian Richard Crebbin (Mechanical)

Christopher Derek Crellin (Civil)

William John Cruickshank (Civil)

Kevin Richard Curran (Chemical)

Laurence Gerard Curran (Chemical)

John David Dalley (Mechanical)

Garry William Daly (Chemical)

Marcus Gerard Danckert (Civil)

Peter Deliopoulos (Civil)

Anthony Theodore De Keizer (Electrical)

Craig Stephen Dickeson (Mechanical)

Margret J. Doring (Civil)

John Andrew Dulfer (Civil)

Bruce Wade Early (Electrical)

Werner Karl Albert Ebersberger (Civil)

Charles Leslie Edmonds (Electrical)

Garry Aubrey Egan (Mechanical)

Michael Ian Entwistle (Chemical)

Ian Russell Watson Evans (Electrical)

Thomas Alexander Evans (Electrical)

Maurice Anthony Paul Farrugia (Civil)

Bronwyn Mary Fethers (Civil)

Campbell Denton Fethers (Electrical)

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Phonse John Gangitano (Chemical)

Frank Gargano (Civil)

Christine Patricia Gebert (Chemical)

Spiros Georgakopoulos (Chemical)

Leonard Francis Gill (Civil)

Leonard James Gleeson (Electrical)

Andrew John Godden (Civil)

Peter John Godfre (Civil)

Neville Stuart Gould (Agricultural)

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Sugianto Gozali (Civil)

Peter Michael Graf (Civil)

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Karl Stanley Guilfoyle (Mining)

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Peter Richard Hardy (Civil)

Geoffrey David Haynes (Mechanical)

Heng Fok Teng (Civil)

Myrna Ralphee Hepburn (Chemical)

Hiew Kat Kee (Civll)

Hoh Su Wai (Civil)

Geoffrey Allan Holland (Civil)

Leslie Carol Hollingsworth (Civil)

William Paul Holmes (Mechanical)

Stephen Churchward Honey (Electrical)

Phillip Wayne Hotchklin (Mechanical)

Ip Ho Lam (Mechanical)

Ross Ian Johnson (Civil)

Michael Gerard Keegan (Agricultural)

Stefan Michael Kielytyka (Chemical)

John Knevevich (Mechanical)

Koh Kiat How (Civil)

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Dominic Lai Tak Kai (Mechanical)

Lam Sau-Wing (Mechanical)

James Lau Yiu Bong (Electrical)

David Andrew Lesslie (Mechanical)

Lee Wee-Yoong (Chemical)

David Lim Tik En (Civil)

Michael Listokin (Electrical)
Low Yat Seow (Civil)
Richard Leigh Lyon (Electrical)
George Mavridis (Civil)
Robert William Mayston (Chemical)
John Francis McCartney (Civil)
Brian McCulloch (Electrical)
Robin Dale McNaughton (Mechanical)
Jordan Metlikovec (Electrical)
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Graham Andrew Moore (Agricultural)
Marlene June Morelato (Civil)
Nicholas Munday (Civil)
Michael Muntisov (Civil)
David Graham Nash (Chemical)
Ng Chun Yong (Electrical)
Ng Gek Nga (Chemical)
Ng Har Chye (Civil)
Ng Teik Hin (Civil)
Ng Tiang Eng (Civil)
John Gerard Nolan (Civil)
Daniel Patrick O’Meara (Mechanical)
Ong Soon Hwa (Civil)
Moslim Othman (Civil)
Mario Anthony Parnis (Electrical)
Anthony John Payne (Mechanical)
Ann Louise Pentelow (Civil)
Ian Richard Peterson (Electrical)
Phang Peng Wai (Civil)
Brett Clayton Phillips (Civil)
Stephen Placko (Electrical)
Ross Duncan Plunkett (Civil)
Stefica Pnjak (Chemical)
John Joseph Power (Chemical)
Hans Prem (Mechanical)
Stephen John Prescott (Mechanical)
Christopher John Price (Electrical)

Peter John Radcliffe (Electrical)
Peter James Reid (Agricultural)
Karen Wendy Anne Roberts (Civil)
Pamela Judith Roberts (Chemical)
Glen Robertson (Mechanical)
Geoffrey Brett Robson (Civil)
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Brian William Rogers (Mechanical)
Christopher Ralph Rundell (Electrical)
Peter Sakkas (Civil)
Rosemary Jacqueline Sewell (Electrical)
Jolyon Shelton (Chemical)
Gregory Howard Sier (Mechanical)
David Brian Spicer (Mechanical)
Stephen John Street (Civil)
Stuart Mark Strong (Chemical)
Rahim Kamil Sulaiman (Chemical)
Andris Paul Svilans (Mining)
Peter Ernest Symes (Chemical)
Glenn Daniel Tamblyn (Mechanical)
Tan Kee Keat (Civil)
David Tan Kok Meng (Mechanical)
Tay Gee Chong (Mechanical)
Teh Ching Leong (Industrial)
Mark Ernest Travill (Electrical)
Hubert John van Essen (Electrical)
Ian Charles Washfold (Chemical)
Peter David Weill (Industrial)
Anthony Francis Weir (Electrical)
John Gerard Weir (Mechanical)
Andrew Simon Wisdom (Civil)
Wong Hai Hie (Civil)
Wong Kee Chong (Electrical)
Wong Loke Hoi (Civil)
Wong See Woh (Civil)
Yang Kin Seng (Civil)
Adrian Yong Fui Kiew (Civil)

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Michael John Rochforte
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Patrick Anthony Thwaites
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Guy Howard Wight
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MASTER OF SURVEYING SCIENCE (1979)
Peter Talbot Loughrey, B.Surv.

DOCTOR OF APPLIED SCIENCE (1962)
Anthony John Michell, Ph.D. (W.A.) (Industrial Science)

MASTER OF APPLIED SCIENCE (1964)
Andrew Robert Longmore, B.App.Sc.

Alan Edward Parish, B.Sc. (Tas.) (Civil Engineering)

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BACHELOR OF APPLIED SCIENCE (1962)

Joseph David Borg
Leonard Cheung Lung-Hin
John David Christopherson
Ross Bruce Clark
Gerard Colla
Stephen John Dowling
Wayne Noel Evans
Lorraine Fraser
Hee Kuang Ching
George Simon Kahan
Christopher Kanaris
Anne Harriet Mackinnon
John Peter Magar
Patrick Joseph Martin O'Shea
David Andrew Page
John Lewis Portelli
Peter John Quirk
Stephen Sissons
Antonio Viglione
Gregory Ian Wayman
Lloyd Williams-Wynn

FACULTY OF LAW

MASTER OF LAWS (1881)

Graeme Hamilton Hall, B.Ec, LL.B. (Monash)
Donald James Hess, LL.B., B.Sc. (Monash)
William Bennett Lane, LL.B. (Syd.)
Hugh Daniel Mc Ardle, B. Juris., LL.B. (Monash)
Francis Stanislaus McCarthy, LL.B.

BACHELOR OF LAWS WITH HONOURS (1951)

Barbara Jill Boynton, B.A.
Peter William Collinson
Carolyn Muir Creighton, LL.B. (Edin.)
Sean Rory Derham
Lazarus Dobelsky
James Patrick Doyle
Simon Bruce Eastwood
Elizabeth Josephine Hammond
Helen Myfanwy Hobson, B.A.
William Thackray Houghton, B.A.
Caroline Johnston
Russell Desmond Keen
Michael Harold Lanyon, B.Com.
Francesca Lee
Philip Moulton Maxwell, B.A.

BACHELOR OF LAWS (1865)

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Graeme Clifford Allison, B.Com.
Peter Waddington Almond, B.A.
Timothy Anderson, B.A.
Carol Celia Andrades, B.A.
Michael John Andrew, B.Com.
Peter Megens, B.Com.
Ross Kenneth Millen
Garrie James Moloney, B.Sc.
Shane Patrick Newton
David Keith Payes, B.Com.
Michael Henry Pickering, B.A.
Katherine Pung Shuk Ling, B.Com.
George Douglas Raitt, B.Com.
John Michael Rogan, B.A.
Charles John Gordon Sampford, B.A.
Jennifer Anne Scovell
Barry Noel Sherriff
Philip James Charles Smith
George John Traczyk, B.A. (James Cook)

Kevin James Andrews
Graeme John Armstead, B.A.
Alan Thomas Baker
John Baker-Smith
Gloria Bernadette Balogh
Raymond Francis Barrett
Edward George Bassett, B.A. (N.S.W.)
Francis Xavier Bediaga
Andrew Karl Berezdecky
William Dillon Best
Ann Christina Birrell
Stephen Graham Blewett
Marguerite Maree Bourke
Michael Patrick Bourke
Allen John Bowles
Kathleen Mary Braussill
Debra Joy Brown
Francis Edward Browne, B.Com.
Andrew McKenzie Bugg
Bruce Stanley Burdon-Smith
David Geoffrey Burridge
James Patterson Caldwell
Christopher John Carmody, B.Com.
John Francis Carmody
Vincent Peter Casar, B.Com.
John William Cavanagh, B.Com.
Mark Norman Chamberlain, B.Com.
Kenneth Chan Dun Chau
Jack Chrapot, B.Com.
Peter Douglas Stewart Coats, B.A.
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Neil Desmond Collins
Simon Mitchell Cooper
Timothy Wynand Cox
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Christopher James Delaney
Dino De Marchi
Mark Alfred Dreyfus
Bernard Duckworth, B.Com.
Gregory John Dunne, B.A. (Monash)
Terence William Dunphy
Gillian Margaret Duxbury
Elizabeth Helen Eldridge
Deborah Lee Elliott
Anthony Russell Ellis
Russell Glynn Evans
David Graham Fagan
Angus Donald Finlason, B.A.
Edward John Flannery
Richard Neil Jude Flory, B.A.
Domenica Follacchio
Terence Michael Forrest
Robert John Frederick
Pina Frederico
Graham Charles Froebel
Susan Louise Gardini
Kenneth Alexander Gardner
Elizabeth Mary Gaynor, B.A.
William Ferguson Giffles
Steven Ralph Grahame
Anne Jocelyn Grayson
Kerry Isabelle Greenwood, B.A.
Neaie John Gribble
Peter Julian Haag, B.A.
Christopher Andrew Hansen
Peter Andrew Hansen
Margaret Gill Harding

David Frederick Hart
Michael John Heffernan, B.Ec. (Monash)
Alan Herskope, B.A.
Graham William Hills, B.Com.
Richard Fenton Hobson, B.A.
Karen Anne Hodgkinson
Glenn Noel Holden
Rebecca Anne Hossock, B.A. (A.N.U.)
Gerard Francis Hughes
Paul Bernard Jens
Dennis Warwick Johanson
Andrea Louise Kennedy
Anthony David King
Frances Anne Kinney
Gregory Charles Korn, B.A.
Nicholas Andrew Kostos
Anthony Frederick Laurence Krohn
Irene Elizabeth Lawson
Alexander Lim Kee Choon
Anthony Gerard Long, B.A.
Douglas Kenneth Macdonald
Kay Helen MacPherson
David Alexander Farrow Mahony, B.A.
Anthony John Marks, B.Com.
Peter John Martin
Panteleon Leon Mastrovavvas
Neil Stewart Mathison
Robert Michael Matisi
Ross Graeme Maxted
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Andrew Graham McAdam
Daniel Hugh McGlade, B.A.
Simon Vincent McKeon
Anne Estelle McLaren, B.A.
David William McLaughlin
Peter John McLeod
Robert William McNab
Elspeth Alison McNeil, B.A.
Andrew Duncan McNicol
Paul Manvers Meadows, B.A.
Geoffrey Francis Milne, B.Ec. (A.N.U.)
Garry William Moffatt, B.Com.
Clarinda Eleanor Molyneux, B.A.
(La Trobe)
Francis Xavier Moore
Warwick Douglas Mowbray
David John Nicholson
Sally Ann Nicolson, B.A.
Michael Gerard Nunan
Sherrill Elizabeth O'Connor-Sraj, B.A.
Gerard Francis O'Keeffe
Christopher Francis O'Meara, B.A.
Jamie George Michael Oglivie
Leanda Ann Elizabeth Parsons
William Everard Paterson
John Frederick Perry
Craig William Owen Phillips, B.A.
Ian James Polak
David John Powell, B.Com.
Graham John Reid, B.A.
Michael Joseph Richards

115
Jillian Margaret Rivers
Ian Lyall Robertson
Timothy John Robertson
Michael Thomas Rush
Vincent Joseph Ryan
Rita Maria-Angela Santucci, B.A.
Wendy Margaret Secombe
Robert Joel Selby
Alan Joseph Shaw
Joanne Shea, B.A.
Bernard Francis Shinners, B.Com.
Rahul Vendra Singh
James Gordon Sloan
Michael Richard Spicer
Harold Christopher Staths, B.Ec. (N.E.)
Bernadette Marie-Therese Steele, B.A.
William John Stevens
Sam Stidston
Harvey Ronald Streager, B.A.

Michael Graeme Syme
Geoffrey Wallace Taberner
David Reginald Toll
Peter Douglas Trevorah, B.A.
David John Trickett
Stephen Crofton Uniacke
Simon Henry Van Assche
Anthony Stanley Veghelyi
Robert James Verlander, B.A.
Suzanne Amanda Walker
Barbara Jane Wellington
Denise Weybury
Steven Ronald Weybury
John Leonard Whelan, B.A.
Kenneth Donald Wilkinson
Lindsay David Hale Williams, B.Com.
Diarmuid Michael St. Clair Wilson, B.A.
Nicolas Paul Zervos, B.Com.

FACULTY OF MEDICINE

DOCTOR OF MEDICINE (1862)

Alan Stewart Bodey, M.B., B.S., B.Sc.
(Physiology)
Valerie Burke, M.B., B.S. (Medicine)
John Richard Sullivan, M.B., B.S.

Hugh Ringland Taylor, M.B., B.S.,
B.Med.Sc., D.O. (Ophthalmology)
Gregory Whelan, M.B., B.S. (Syd.)

BACHELOR OF MEDICINE (1862) AND BACHELOR OF SURGERY (1879)

Heidi Johanne Anderson-Dalheim
Stuart Gordon Anderson
Peter William Angus
Abdul Aziz Baba
Kenneth John Baddeley
Lorraine Baker
Helen Ann Banting
Glen Kildael Barker
Robert Ellis Beavis
Alex Bezborodoff, B.Sc.
Beverley-Ann Biggs
Ian Macleod Blair-Holt
James Edwin Denney Bott
Neil Francis Bright
Helen Margaret Brough
Craig Frederick Bryant
Mark Robert Buckland
Michael John Buckley
John Buonopane
Desmond Kevin Burke
Peter Robert Byrne
Geoffrey Donald Campbell
Ann Louise Carter
Cheung Kwok Ching
Ian Chung Chu-Keung

John Anthony Clifforth
Christos Cifopoulos
Russell Jonathan Cook
Mark Emmanuel Cooper
Peter Julian Cosgriff
Walter Conrad Angelo Cosolo
Margaret Ann Costello
John William Coulton
Brendan John Crotty
John Desmond Crowe
Peter Julian Cunningham
Yvonne Paulette Cymbalist
Katherine Virginia Davey
Margaret Dawson
Aram Demirdjian
Andrew Wesley Dent
Hilary Ruth Donald
Michael Ian Dorevitch
Gianni D’Ortenzio
Sarah Anne Egger
Jennifer Nan Ellix
Douglas James Falconer
Michael Peter Falkenberg
Ronald Douglas Findlay
Wen Zhiming, B.Med.Sc.  
Peter Raymond Werb  
Jan White  
Gabrielle Johanna Wiehle  
Geoffrey Lloyd Williams  
Isobel Lynn Willox  
Ian Wallace Wilson  
Wong Min Loke  
Frederick James Woods  

Michael Clifford Woodward  
David Mackie Skeete Workman  
Howard Malcolm Wraith  
Christopher Adrian Wright  
Warwick James Lauchlan Wright  
Robert John Yates  
Salomon Zalstein, B.Med.Sc.  
Norman Paul Zimmerman, B.Med.Sc.  
Robert Gordon Zwar

Mary Lai Yung Lee  
Stewart James Malcolm  
Maurice Peter Molan  

Robert Michael Puy  
Salomon Zalstein

BACHELOR OF MEDICAL SCIENCE (1967)

FACULTY OF MUSIC

MASTER OF MUSIC (1964)

Thomas Anthony Dominic Fitzgerald, B.Mus.

BACHELOR OF MUSIC (1894)

Rhoderick John McNeill  
Anne Elizabeth Miller  
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Gregory Kenneth Riddell  
Angela Mary Robinson  
David Gordon Schulz  
Judith Anne Slater  
Diane Juanita Washfold  
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BACHELOR OF MUSIC EDUCATION (1974)

Glennis Elizabeth Allgood  
Christina Cathy Armour  
John Bela Charles Barmos  
Marie Elisabeth Boyle  
James Cyril Curtain  
Susan Marjorie Elston  
Graeme Edward Faragher  
Karen Ann Hill  
Marianne Jacobs  
Margaret Lillian James  
Alison Faye Kirkpatrick  
Renuka Heline Kunaratnam  

Kuno Michael Lange  
Anne Therese Leehy  
Christine Anne Martin  
Anne Louise Miller  
Lorna May Neil  
Faye Elizabeth Patton  
Lloyd James Poole  
Margaret Ann Scott, Dip.Mus.  
Colin Bruce Steere  
Geoffrey Hume Welsh  
Gordon Kalton Williams  
Alexander Wollansky

FACULTY OF SCIENCE

DOCTOR OF SCIENCE (1887)

Ruth Frances Bishop, Ph.D.  
(Microbiology)  
Sophie Charlotte Ducker, M.Sc.  
(Botany)  
Gordon Charles Hard (Pathology)  

Charles Henric James Johnson, B.Sc.  
(Tas.) (Mathematics)  
Thomas John Martin, M.D., B.S.  
(Biochemistry)
MASTER OF SCIENCE (1893)

Peter Sutherland Anderson, B.Sc. (Mathematical Statistics)
Lachlan David Arnott, B.Sc. (Psychology)
Michele Barson, B.A. (Botany)
Kerry Peter Black, B.Sc. (Geology)
Kevin Louis Blaze, B.Sc. (Botany)
Andrew Hung-Hoon Bui, B.Sc. (Monash) (Medicine)
Savitri Indrani Chandrasena, B.App.Sc. (V.I.C.) (Biochemistry)
Barry John Conn, B.Sc.Ed. (Botany)
Helen Audrey Culliver, B.Sc. (Medicine)
Ian Maurice Davidson, B.E., B.Sc. (Monash) (Physiology)
Raymond Merion Davy, B.Sc. (Qld.) (Biochemistry)
Marc De Glas, B.Sc. (Newcastle) (Metallurgy)
Alastair Kirwan Donaldson, B.Sc. (Geology)
Lynette Joyce Dumble (Surgery)
Marjorie Elizabeth Dunlop, B.Sc. (Paediatrics)
Graham Alastair Eddie, B.Sc. (Pharmacology)
John Kenneth Emmett, B.Sc. (Geology)
James Gastone Fabris, B.App.Sc. (V.I.C.) (Chemistry)
John Richard Field (Paediatrics)
Jennifer Diane Greenway, B.Sc. (Aberdeen) (Psychology)
Ross Campton Hamilton, B.Sc. (Anatomy)
Victor John Hartney, B.Sc. (Agr.) (Syd.) (Botany)
Steven Hatzikostas, B.Sc. (Physiology)
Monika Henderson, B.A., B.Sc. (Monash) (Psychiatry)
Christopher Maxwell Lamb, B.Sc. (Mining)

Graham Douglas Lamb, B.Sc. (Physiology)
Gary Neil Marks, B.Sc. (Pathology)
Gillian Margaret Martin, B.Sc. (Physiology)
Michael Edward McGartland, B.Sc. (Psychology)
Susan Patricia McTaggart, B.Sc. (Microbiology)
Thomas James Millar, B.Sc. (Anatomy)
Geraldine Margaret Mitchell, B.Sc. (Anatomy)
Terry Trevor Moon, B.Sc. (Monash) (Physics R.A.A.F.)
Ng Kam Meng, B.Sc. (Microbiology)
John William Norbury, B.Sc. (Physics)
Jill Annette Oppermann, B.Sc. (Anatomy)
Linda Janny Harriette Pannan, B.Sc. (Chemistry)
Charles Stephen Papper, B.Sc. (Physics)
Beverley Lorraine Pike (Medical Biology)
David Pye, B.Sc. (Microbiology)
Alan Everton Ray, B.Sc. (Mathematics)
Faye Helen Stone, B.Sc. (Biochemistry)
John Raymond Taffe, B.A. (Monash) (Mathematics)
Marta Cielia Veroni, B.Sc. (W.A.) (Biochemistry)
Lucille Elizabeth Voulaire, B.Sc. (Physiology)
Martin John Wardrop, B.Sc. (Mathematics)
Zbigniew Waryszak, B.App.Sc. (V.I.C.) (Psychiatry)
Ruth Jeannette Williams, B.Sc. (Mathematics)

BACHELOR OF SCIENCE (1954)

(Degree with Honours)

Mark Andrew Adams (Biochemistry)
Iain Roderick Aitchison (Mathematics)
Ralph Algren-Ussing (Mathematical Statistics)
Gary John Anderson (Physics R.A.A.F.)
Murray Robert Anderson (Physics)
Robert Alan Avent (Computer Science)
Jennifer Margaret Beirne (Pathology)
Andrew Francis Bennett (Zoology)
Robert John Biggin, B.Sc.Ed. (Zoology)
Susan Winifred Blanch (Chemistry)
Edward Blatt (Chemistry)
Kevin Louis Blaze (Botany)
Anne Patricia Browne (Mathematics)

Dennis Anthony Callegari (Physics)
Rodney Arthur Carr (Mathematics)
Tarini Romanie Casinader (Meteorology)
Danny Chan (Biochemistry)
Pearl Chan Li-Ping (Biochemistry)
Chan Yu Yu (Microbiology)
Cheong Yoke Wan, B.Sc. (Chemistry)
Stephen Frederick Collins (Physics)
Peter Geoffrey Cook (Pharmacology)
Paul Charles Cooper, B.Sc. (Monash) (Medical Biology)
Lynn Marie Corcoran (Biochemistry)
David Joseph Cowan (Geology)
Anthony William Crawford (Physics)
Lindsay Edwin Cross (Chemistry)
Russell James Cuthbertson (Geology)
Anne Christine D'Arcy-Evans (Psychology)
Christopher Allan Day (Geography)
Robert Charles de Feyter (Microbiology)
Beverlie Anne de Jong (Pathology)
Patricia Mary Desmond (Physics)
Christopher Denis Dirckze (Genetics)
Francis Michael Elvey (Mathematics)
Barrie Paul Fenby (Psychology)
Penelope Claire Foord (Botany)
Matthew William Fox (Physics)
Rowena Elizabeth Francis (Mathematical Statistics)
Robert William Gable (Chemistry)
Joseph John Giansiracusa (Chemistry)
Richard Alexander Gibbs (Genetics)
Stephen Thomas Goddard (Mathematics)
Guh Suk Hui, B.Sc. (Chemistry)
Vicki Therese Goodman (Zoology)
Geoffrey John Gooley (Zoology)
William Frederick Graham (Physiology)
Maree Patricia Gunnulson (Chemistry)
Vanessa Barbara Haller (Pathology)
Ross Campton Hamilton, B.Sc. (Zoology)
Robert Hanner (Pathology)
Slobhan Aidene Hannigan (Physiology)
Lesley Anne Hawes (Microbiology)
Susanna Mary Herd (Genetics)
Peter Anthony Hertan (Chemistry)
Ho Siew Lan (Pathology)
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Phillip Mark Hogarth (Medicine)
Paul Nicholas Holper (Chemistry)
Johnny Hua (Mathematics)
Sally-Ann Jackson (Microbiology)
Philip Anthony Jacobs (Psychiatry)
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Steven Peter Jones (Biochemistry)
Nick Katriavessis (Physics)
Kelvin David Kaye (Mathematics)
Paul Gerard Kean (Physics)
Allan James Kennedy (Physics)
Koh Khai Tuck, B.Sc. (Pathology)
George Kotsanas (Biochemistry)
Susan Elizabeth Lang, B.Sc.Ed. (Zoology)
Judy Lesley Leitch (Psychology)
Susan Elizabeth Lester (Genetics)
Peter Alexander Lindsay (Mathematics)
Jennifer Dorothy Lineham (Biochemistry)
Lyne Dorothy Little, B.Sc.Ed. (Computer Science)
Michael Louey (Chemistry)
Kim Waldock Lowe, B.Sc.Ed. (Zoology)
Calvin Ma Kam Hang, B.Sc. (Biochemistry)
James Ma Yeu Long (Physics)
Steven John Marsh (Physics)
Rex Tompkins Mason (Pharmacology)
Heather Joan Mays (Mathematics)
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Iain Matthew McIntyre (Psychiatry)
Peter James McMickan (Geology)
Jan Alison McMillan (Botany)
Jean Forsyth Meaklim (Chemistry)
Graham Frederick Inch Menhennitt (Computer Science)
Bryan Kent Merrett, B.Sc.Ed. (Chemistry)
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