THE
AUSTRALIAN NATIONAL UNIVERSITY

CALENDAR
1959

CANBERRA
THE UNIVERSITY'S postal address is Box 4, G.P.O., Canberra, A.C.T., Australia, its telegraphic address Natuniv, Canberra, and its telephone number Canberra J 0422. The University's official correspondence is conducted by the Registrar.
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A GENERAL DESCRIPTION OF THE UNIVERSITY

The Decision to Establish the University

When the city of Canberra was designed in 1911 a site close beside the main city area was set aside 'for University purposes'. A University College was established, in association with the University of Melbourne, in 1929, but was housed in temporary quarters off the University site. No further university development took place until towards the end of the 1939-45 war, when a group of people with academic interests, who were concerned in other connections with shaping the post-war development of Australia, came together and gave explicit form to proposals made over many previous years for a University in Canberra. It was from these deliberations that there emerged the bill which, on its enactment by the Commonwealth Parliament in August 1946, became the Australian National University Act.

The University envisaged in the Act was to differ in two main ways from the universities already established by the Australian States. In the first place, although the eventual possibility of offering undergraduate courses was not excluded, the University was to be primarily concerned with research and research training. In the second place it was envisaged that the University would select certain defined fields in which to begin its work, those first contemplated being the medical sciences, the physical sciences, the social sciences and Pacific studies.

After the passage of the Act in August 1946 the Interim Council, in which for the time being the Act vested power to establish the University, began its task.

Canberra

The city of Canberra, which has since 1927 been the capital of the Commonwealth of Australia, is situated in the Australian Capital Territory. The Territory is about 200 miles by road south-west of Sydney, and 400 miles north-east of Melbourne, and is connected to those cities by good air and road services and by rail. Canberra, which is now developing rapidly as the national capital, is the headquarters of most of the Departments of the Commonwealth Government, and has a population of some 40,000. The city stands at the altitude of 1,800-2,000 feet, and has a pleasant and healthy climate. It has been laid out in accordance with a comprehensive plan, and an imaginative programme of tree-planting has made the city and growing suburbs very attractive.

An authoritative statement on the history and facilities of Canberra and the Capital Territory is included in each issue of the Official Year Book of the Commonwealth of Australia, which may be consulted in most libraries and in the offices of Australian diplomatic and consular representatives abroad.
Government of the University

The University Act places complete power of management in the hands of a Council, which includes representatives of Parliament, of the University staff, of the research students and of Convocation, and nominees of the Governor-General. This Council came into being on 1 July 1951. The Chancellor, or in his absence the Deputy Chairman, presides at meetings of the Council. The present holders of these offices are the Rt. Hon. Viscount Bruce of Melbourne and Dr H. C. Coombs.

To provide for the development of the University before the Council could be formed, the Act established an Interim Council, comprising persons nominated by the Governor-General, and composed as far as possible on the analogy of the eventual Council. The Interim Council included substantial representation of the professorial staffs of the other Australian universities, and conducted the University's affairs from its appointment in August 1946 until the permanent Council took office in July 1951.

Very early in its operations the Interim Council established an Academic Advisory Committee of four members. The scholars chosen to serve on this committee all held senior academic appointments in the United Kingdom, and were either themselves Australian or were well acquainted with academic matters in Australia. The Committee met regularly from August 1947 to June 1951 and took a leading part in advising the Interim Council on the basic plans and early development of the University.

The University Act provides that certain members of the Council should be elected by Convocation. Convocation will eventually be a body composed primarily of graduates of the University, but in order to bring Convocation into existence at an early stage, and to foster the interest of Australian academic leaders in the University, special steps were taken. The University invited to membership of Convocation its academic and certain non-academic officers, the members of the Academic Advisory Committee, the Chancellors and Vice-Chancellors (or equivalent officers) of the other Australian university institutions and other research organizations and five other members nominated by each of those bodies. Though at present the only function of Convocation is to elect members of the Council, it is hoped that, as the University develops, ways will be found to give Convocation opportunities to exercise an influence in university affairs commensurate with the wisdom and experience of its members.

The University's senior academic body is the Board of Graduate Studies which comprises the Vice-Chancellor, the Master of University House, the Directors and Heads of Departments, the Registrar and the Librarian. While the Council is the governing body of the University it looks to the Board for guidance and advice in all matters of academic policy and practice.
The University Act does not prescribe any Faculty structure but experience has led, in most of the Schools, to the creation of Faculty bodies to consider and make recommendations to the Board of Graduate Studies.

**Early Activities of the University**

The Interim Council, as soon as it had decided to establish the four original research schools, set about recruiting senior staff members for them. Among the first senior officers to be appointed were the Librarian and the heads of certain Departments of the John Curtin School of Medical Research. These appointments took place in 1948 and 1949, at a time when buildings for the University were still at the stage of preliminary planning. Accordingly the Librarian began his book collection in Melbourne and the medical professors undertook their early work and set about building up their staffs in the places at which they happened to be working at the time of their appointment—the Professors of Biochemistry and Microbiology in Melbourne, the Professor of Medical Chemistry in London and the Professor of Physiology (who accepted appointment in the middle of 1950) in Dunedin. Senior members of the staffs of the other three research schools began to arrive in Canberra to take up their appointments during 1949, by which time temporary facilities for their work were available on the University site.

Professor Sir Mark Oliphant had been appointed in July 1950 as Director of the Research School of Physical Sciences and moved to Canberra with the nucleus of his research team. The earliest members of the academic staff in the other two schools also began to arrive in Canberra in 1950.

Late in 1952 the elements of the Medical School moved into temporary accommodation in Canberra and by that time all the existing Departments of the University save two, were working on the University site.

In the early stages of its work the Interim Council gave thought to how it might best advance not only its own plans but the interests of the other Australian universities generally. With this aim it established a travelling scholarship scheme. Scholars were selected from amongst Australian graduates and enabled to spend two or three years abroad furthering their research training. Some seventy awards were made and many of the scholars returned to take up appointments in universities or other learned bodies in Australia.

With the same motive the Interim Council invited a series of academic leaders from other countries to visit Australia for periods of two or three months to make contact with workers in similar fields in the other universities and to give advice on the National University's development. In connection with these visits it became the practice to arrange a seminar in Canberra to which leading scholars in the appropriate field of study were invited. Perhaps the
most important of these seminars were held as part of the University's contribution to the celebrations attending the Jubilee of the Commonwealth of Australia. The first, on Science in Australia, was held in July 1951 and the other, on Federalism, in August and September 1951.

**Present Structure of the University**

The four original schools of the University are now all established and at work in Canberra. They comprise the following Departments, the work of which is described on pp. 12-19.

**John Curtin School of Medical Research**
- Biochemistry
- Medical Chemistry
- Experimental Pathology

**Research School of Physical Sciences**
- Astronomy
- Geophysics
- Nuclear Physics
- Particle Physics

**Research School of Social Sciences**
- Demography
- Economics
- History
- Law
- Political Science and Statistics
- International Relations

**Research School of Pacific Studies**
- Anthropology and Sociology
- Far Eastern History
- Geography
- Pacific History

The permanent academic staff of the University comprises Directors (of whom two, Professor Sir Keith Hancock and Professor Sir Mark Oliphant, have so far been appointed), Professors, Readers, Senior Fellows, and Fellows. Each Professor is responsible for the research conducted and the research training given in his Department. A Director is expected to give general leadership to an entire School and to accept responsibility for the general planning of its requirements and efforts. Schools having no Directors are headed by Deans, the office being held by a Professor designated by the Council.

In addition to the permanent staff, Senior Research Fellows and Research Fellows are appointed for periods of from one to five years.

The administrative staff is led by the Vice-Chancellor, who is the principal executive officer of the University, and the Registrar, who is in charge of the work of all the other officers of the central administration. The Bursar deals with property and finance.

The nature of much of the University's work is such as to call for abundant technical, clerical and secretarial support, and a high level of competence is being maintained in the recruitment of officers in these classes.
The University has adopted a liberal scheme of study leave. The Directors and Professors are entitled to a year's leave after each three years of service, Readers and Senior Fellows after five years and Fellows after six years. In each case the University continues the payment of a member's salary while he is on leave and makes a contribution towards his expenses; for example, the maximum contribution in the case of a professor is at present about £1,500.

The University has established a superannuation scheme similar to the F.S.S.U. in the United Kingdom, with provision for supplementary benefits in the event of early death or invalidity, or of hardship on retirement.

The conditions on which all members of the academic staff are appointed lay it down that the member's principal responsibility is to conduct research, and the University's policy is to make every effort to ensure that the member's time will be unencumbered by other duties. There is, however, a responsibility on members of the staff to assist in the training of graduate students and to make such contributions as they can to the work being done by the other Australian universities.

The Library

The University Library, which moved to Canberra early in December 1950, now comprises some 121,000 volumes and pamphlets in Western languages, and about 24,000 volumes in Oriental languages, principally Chinese. The book collection has been assembled with the needs of the several schools in mind. The Library has a wide range of periodical literature and is strong in the fields of anthropology and linguistics, mathematics, mathematical statistics, physics, chemistry and the non-clinical medical sciences, and has sought to acquire a good working collection of secondary material of high standard in the social sciences. The resources of the Commonwealth National Library are available to members of the University, who also have the advantage of access to many specialized collections of material held by government instrumentalities in Canberra.

Buildings and Accommodation

The John Curtin School of Medical Research and the Research School of Physical Sciences are housed in their own permanent buildings. The building of the Research School of Physical Sciences was opened in September 1952, and the building of the John Curtin School of Medical Research was officially opened in March 1958. The Department of Astronomy is situated at Mount Stromlo Observatory, seven miles from Canberra. The Research Schools of Social Sciences and Pacific Studies and the University Library have temporary quarters in a building which was the original home of the Canberra Community Hospital and which is on the University
site. It is hoped that a start will be made on the permanent Library building during the year, and plans are being prepared for a building for the Research Schools of Social Sciences and Pacific Studies.

The period of the University’s establishment in Canberra was one of acute shortage of building labour and materials and the housing situation in the city was in any case extremely difficult. The University was therefore obliged to take a far more vigorous interest in the housing of its staff and research students than is normally the practice in Australia. Houses and flats have been purchased or built, or their tenancies otherwise acquired, in numbers sufficient to accommodate a high proportion of the University staff.

University House, the University’s first collegiate building, was completed in 1954 and provides accommodation for single research students and staff members, and for the time being, for married research students and staff without children. The House also serves as a faculty club for non-resident members of the University.

A plan for the development of the University site has been approved; roads have been built and trees and shrubs planted.

Finance

The University’s expenditure in 1957 was £1,099,677 for running expenses and £469,823 for capital and other non-recurrent expenditure. Apart from relatively small amounts received from gifts, rents and fees, income was provided by the Commonwealth Parliament.

Admission and Training of Research Students

The University confers the degrees of Master of Arts, Master of Science and Doctor of Philosophy. The degree to which research students usually proceed is that of Doctor of Philosophy.

Provision is also made for the award of higher doctorates in Letters, Laws and Science, and of honorary degrees.

Before being admitted as a research student a candidate will normally be required to show that he has graduated from another university of senior standing and that he has since had an initial training in research.

In general, students for the degree of Ph.D. will be required to spend three years of full-time work in the University and will during that time be required to live in Canberra. Those whose fields of study make fieldwork important are given opportunities to undertake such work and may receive contributions towards their expenses. Periods of fieldwork are counted as part of the study required for a degree.

The principal work of the research student is the pursuit of an approved piece of research under supervision, and the submission of a thesis based upon that research. There is an oral examination on the thesis. The student is also given training in the research techniques required for the pursuit of his subject, and opportunities for considering the relationship of this specialized work with a more
general background of theory. In most cases research students are required to attend some seminar classes and to prepare interim papers.

Research students are required to pay an inclusive fee of fifty guineas per annum.

Single research students are required to live in University House, which is a collegiate building and also serves as a social centre for the whole of the University.

The University awards each year a limited number of scholarships, with a value of £A833 with supplementary allowances for dependent children, to enable students from Australia and elsewhere to come to the University and study for a degree. Applications for enrolment as research students or for the award of Scholarships may be made at any time. The main selection of scholars is made in May and November each year and advertisements are accordingly issued in March and August. (See also pp. 121-123).
DESCRIPTIONS OF THE WORK OF THE DEPARTMENTS

The research being carried out in the various Departments and the equipment and other facilities available are as follows:

JOHN CURTIN SCHOOL OF MEDICAL RESEARCH

Biochemistry

The work of the Department is concerned with several aspects of biochemistry. Thus, one group is concerned with studies on the chemistry and biochemistry of the naturally occurring phosphorylated guanidine derivatives and with the enzymology of the associated guanidine phosphoryl transferases. Another group is working on the incorporation of C\textsuperscript{14} into certain nucleotides and on the metal activation of several enzyme systems. Fundamental work is also being done on the biological synthesis of peptide bonds in isolated systems and on some aspects of liver metabolism. The Department is well equipped with modern facilities enabling work to be carried out on almost any aspect of the subject.

Experimental Pathology

Research is in progress on the physiology and biochemistry of lipid transport and metabolism with special reference to the genesis of atheroma, the role of the lymphatics in material transport, the mechanism of renal hypertension and the chemotherapy and immunology of tuberculosis.

Modern facilities exist for work in the fields of histology, microbiology and circulatory physiology including the lymphatic system.

Biological Inorganic Chemistry Unit

In general, the research is concerned with the chemistry of metal complexes and their effects in biological systems. The synthesis, fundamental chemistry, stereochemistry and kinetic studies of the rates of substitution reactions, are undertaken in relation to the preparation of substances that can serve as models of metal-containing enzymes (e.g. catalase), or are therapeutically interesting.

Medical Chemistry

The work of the Department is directed to the correlation of the chemical structure of biologically active substances with their physical properties. By collaboration with biologists it is sought to extend these correlations to the physico-chemical basis of drug action.

These aims are being implemented by the synthesis of nitrogenous heterocycles at present particularly the pteridines, pyrimidines, purines, naphthiminazoles and azaindoles.

Quantitative aspects of binding of heavy metals by drugs, and
cell-components continue to be studied. Ionization studies and other electrochemical projects are in progress. The Department determines ionization constants as a service to other scientists.

Spectroscopic research is conducted with modern Raman, infra-red and ultra-violet apparatus. This work includes a study of the vibration spectra and structures of various amides, thioamides and their ions.

Research is also conducted in analysis, including microanalysis.

**Physical Biochemistry**

This Department is in the course of being established. Its object is to promote the study of problems in the physico-chemical aspects of biochemistry.

**Physiology**

The equipment comprises five experimental rooms very fully equipped for all types of electrophysiological investigation and in particular for work with intracellular microelectrodes. There are also two rooms fitted for physiological chemistry and good facilities for pharmacological investigations of the physiological processes in the nervous system and for fine mechanical investigations on muscular contraction. Staff and equipment are available for aseptic surgery. Research work is in progress in the following fields:

(i) Biophysical properties of nerve cells and on the nature of the synaptic excitatory and inhibitory action thereon.

(ii) The pathways and organization of nerve cells in the spinal cord.

(iii) Behaviour of nerve cells under the pathological conditions induced by various surgical procedures.

(iv) Pharmacological investigations on the central nervous system and on sympathetic ganglia using electrophysiological techniques.

(v) The transmission mechanism at the neuromuscular junction.

(vi) Synaptic excitatory and inhibitory transmitters in the central nervous system.

(vii) The contractions of individual motor units and the correlation with the properties of the corresponding motoneurones.

(viii) Changes which cross-union experiments on nerve induce in the properties of muscles and in the central nerve pathways.

**Microbiology**

The activities of the Department are centred upon the study of animal viruses. With the poxviruses, one group is following the evolutionary history of myxomatosis, another is studying genetic recombination between different strains of vaccinia virus, and a third group is engaged on an investigation of the chemical changes which occur in cultured cells when they are infected with vaccinia
virus. The growth cycle of poliovirus is being investigated, using tissue culture methods, and studies are also being carried out on the kinetics of growth of the influenza viruses. During infection with viruses animals develop neutralizing antibodies, which help protect them from further infections. An intensive study is being made of the kinetics of the neutralization of viruses by serum antibodies.

**Research School of Physical Sciences**

**Astronomy**

The Observatory on Mt. Stromlo is one of the major observatories in the southern hemisphere. It is equipped with a good range of telescopes the largest being the 74-inch reflector, together with the necessary auxiliary equipment. The programme of observations is wide, with special emphasis upon stellar spectroscopy, the precise measurement of time and the study of the Milky Way system and other galaxies, notably the Star Clouds of Magellan. While the Observatory employs optical techniques exclusively, it works in close collaboration with the radio-astronomy section of the Radio-physics Laboratory of C.S.I.R.O. in Sydney.

The Observatory maintains a time service for the Commonwealth of Australia.

**Geophysics**

The main lines of work of the Department are:

(i) Experimental deformation of rocks, minerals and metallic single crystals. Equipment for deforming specimens of various sizes at confining pressures of up to 10,000 atmospheres is available, together with strain-gauge, X-ray and optical facilities for measuring deformation.

(ii) Palaeomagnetism. Two astatic magnetometers are in operation for measuring the susceptibility and remanent magnetization of rocks. One of these is extremely sensitive for measurements on weakly magnetized sediments. A survey of directions of magnetization of Australian rocks is in progress. Equipment is available for studying the magnetic properties of rocks at elevated temperatures and also for A.C. demagnetizing of rocks.

(iii) Seismology. A seismological observatory equipped with long and short period Benioff instruments has been established. A study of local seismicity is being made using the results of this and five other closely spaced stations. Measurements of crustal thickness have been made using portable equipment with quarry blasts or atomic explosions as sources.

(iv) Geothermal measurements. Apparatus for measuring temperatures and thermal conductivities of rocks is available.

(v) Igneous and metamorphic petrology. A full range of microscope and chemical facilities is available.
Nuclear Physics

Three accelerating machines are in use in the Department—two Cockcroft-Walton generators capable of 600 KeV and 1.25 MeV respectively (each with beam currents of up to 1 ma.), and a 33 MeV electron synchrotron. A fourth accelerating machine, a 12 MeV tandem electrostatic generator, is under construction in the U.S.A. for the Department, and will be brought into operation in Canberra in late 1960. Two major lines of research are pursued:

(a) the study of photonuclear processes using both bremsstrahlung and monochromatic radiation from certain \((p, \gamma)\) reactions and

(b) the determination of the location and properties of the energy levels of nuclei with \(A < 20\). Scintillation counter, nuclear emulsion, gas counter and activation techniques are used in both projects.

Particle Physics

The Department is building a proton-synchrotron of novel design for 10 GeV. The homopolar generator, which is the source of pulsed power for the orbital magnet, should come into operation in 1959 and, after testing, will be used to produce intense electrical discharges through gases to study plasma phenomena at very high temperatures and pressures. The observational programme with protons of energy 10 GeV will commence later when the orbital magnet and accelerating system are complete.

Radiochemistry

Researches in progress include work in nuclear chemistry, physico-chemical problems involving the use of radioisotopes as tracers, and the determination of geologic age. Under the first head, separation of rare earth and actinide elements is being studied. Tracers are being employed in electrochemistry—studies in exchange reaction and self-diffusion of ions.

The Department has a Metropolitan-Vickers general purpose mass spectrometer, a large Hilger quartz spectrograph, and a well set up vacuum laboratory.

Theoretical Physics

Research is being carried out on theoretical problems of nuclear physics, high energy physics and field theory.

Research School of Social Sciences

Demography

In subject matter the research interests of this Department are concerned with historical and social studies of population movements as well as with the more formal statistical aspects. In area,
the main focus has been upon Australia, New Zealand and the Pacific Islands, but subject to adequate material being available it is not intended that research should be restricted to these zones. Current work includes historical and contemporary studies of marriage and fertility, social mobility, the history of ethnic minorities, studies of post-war immigration to Australia, and the growth and structure of the populations of the Pacific Islands.

Economics

The work of the Department has three main branches—economic statistics, economic history and economic theory. The central interest is in processes and problems of economic growth and fluctuation. Research fields include the development of the Australian economy since 1860; histories of particular industries and enterprises; the capital market and monetary institutions; the principles and practice of social accounting; capital accumulation and technical progress; national and international policies for development and stability.

History

Though some members of the Department are pursuing research not directly related to Australian themes, the work of the Department has so far been, in the main, concentrated on Australian problems, with particular emphasis on the growth of a distinctive Australian society during the last hundred years. In 1959 the first decisive step is being taken to broaden the base of the Department by making regular provision for the study of the history of the British Commonwealth with special reference to Africa and India. Close collaboration exists with other Departments of the University and with the Canberra University College.

In the historical study of economic and social development of the land there is collaboration with some scientific and official bodies, particularly, C.S.I.R.O. and the Bureau of Agricultural Economics. There are in Canberra, particularly in the Australian section of the National Library and the collection of Business Archives in the Department of Economics, good collections of material for the study of Australian history, while the National Library also contains much material, especially of an official character, on the British Commonwealth. In addition, students and members of staff are able to go in search, at need, of their materials elsewhere.

Law

The Department exists to carry out research in depth into the operation of legal systems, generally, and in relation to particular branches of law. It is at present concentrating on four main topics: public law (especially the constitutional and administrative law of
Australia); mercantile law (in particular, the law of contracts and of agency); industrial law, (in particular the concept of the basic wage); and the general theory of law (in particular, techniques of judicial reasoning). The Department does not train persons for the active practice of law. A good working law library is available at the University, and free use is also made of the law libraries at Parliament House and in the Attorney-General’s Department.

**Political Science and International Relations**

The Department includes within its scope Public Administration. Its work in Political Science has been focussed mainly on the relations between social groups and the State, the groups principally studied being political parties, trade unions, churches, and producer groups. The main emphasis so far has been on the functioning of the Australian party system and work has included both studies of major parties and regional electoral surveys. Public administration work includes studies of public service reform 1880-1914, Commonwealth departmental organization, Commonwealth promotion policies, and recruitment, education and training for higher administration. It is proposed to develop detailed work on public corporations.

In International Relations the Department undertakes both empirical studies of the international politics of the Asian and Pacific regions and also work on the basic problems of international relations. The carrying out of research into these two types of problems in close relationship with one another is recognized as essential to the fruitfulness of each. Work is now in progress on the South-East Asia Treaty Organization and its place in Australian foreign policy. The policies of the Chinese Peoples’ Republic, India and other powers, especially in relation to South-East Asia, are also being studied. Other main interests centre on the development of models for the analysis of political processes and the international system. Work has been carried out on the effects of technological change and weapon development for international relations, and on the implications of ‘peaceful coexistence’.

**Social Philosophy**

The Department is at present chiefly interested in carrying on work in modern philosophy generally and in modern political and social theory. The work now being carried out by members of the staff of the Department and research students is concerned with recent developments in logic, metaphysics and ethics, with problems of political and social theory, and with studies in the history of philosophical and social thought.

**Statistics**

The Department is engaged in developing the theory of probability and the mathematical theory of statistics in order (a) to devise
methods of analysing statistical data in the biological, physical and economic sciences and (b) to study processes and phenomena in these subjects in which some random element enters in an essential way. Most of the work of the Department is being devoted to developing new theoretical tools for this purpose and applying them in economics, geophysics, genetics and other sciences.

**Research School of Pacific Studies**

*Anthropology and Sociology*

Since 1950 the Department has undertaken an extensive programme of field research in New Guinea, Australia, Indonesia and the Islands of the Pacific. It is likely in the future to concentrate its efforts mainly on New Guinea and Australia. At the end of 1958 more than thirty-five research inquiries were in progress or had been made by scholars, research fellows, permanent members of the staff and visitors using the facilities of the Department. Each inquiry usually requires from 12 to 21 months of field research, sometimes divided into two periods, together with a similar length of time spent at the University in preparation, library research and the writing of reports. The subjects of inquiry have varied widely but may be described broadly as the traditional social organization, culture and language of non-European peoples within the Pacific region, their contemporary state and the changes taking place under modern conditions. Inquiries have also been made into matters of colonial administration and into sociological problems within European Australia. The Department is well equipped with library, seminar and other research facilities. A small collection of specimens of material culture, films and sound recordings is being organized as research proceeds.

*Far Eastern History*

The Department is engaged in research into the history of China and Japan, both ancient and modern. In addition to a small collection of reference books in the Department itself the facilities for research depend on the Oriental Collection of the Library which exceeds 30,000 volumes in the Chinese and Japanese languages, apart from a representative collection of works on the Far East in the general Library in European languages.

*Geography*

The interests of the Department are about equally divided regionally between the Australian continent, from the tropical North to Tasmania, and the Pacific Islands, especially New Guinea but ranging east as far as Fiji, while some work has been done in Indonesia. Within these areas, most of the research has lain in the fields of social and economic geography, so far mainly on the agricultural side, though the Department is also much concerned
with problems of political and historical geography, the latter chiefly with regard to Australia itself. On the side of physical geography attention has been devoted to geomorphological studies within Australia but it is hoped to extend these to the larger Pacific islands. The Department is still building up its map library, cartographic facilities and equipment for field work; most research tasks undertaken in the Department involve field work. The cartographic facilities and map collection are used by other Departments in the University and contact is maintained with various other organizations in Canberra engaged in research with a geographical bearing.

Pacific History

The Department is concerned with the study of problems relating to sustained contact between Western and indigenous cultures in the Pacific Islands and in South Asia, principally India and Malaysia. The general focus of this study is that of the colonial society: its origins, its functions, and its development towards self-rule and national independence. Fields of inquiry include political development and the formulation of administrative policy; the establishment and operation of commercial, industrial, and plantation enterprises, labour traffic, and land policies; and missionary activity. Much of the Department's research requires the use of unpublished records held by government archives, mission societies, commercial firms, research libraries, and private persons. Field trips are frequently undertaken to engage in documentary research and to collect data from informants associated with the areas being studied. The Department also offers a programme of seminars based upon its current research.
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<td>7 - M</td>
<td>September Third Term begins</td>
</tr>
<tr>
<td>10 - Th</td>
<td>September Commencement Dinner—University House</td>
</tr>
<tr>
<td>11 - F</td>
<td>September Finance Committee</td>
</tr>
<tr>
<td>25 - F</td>
<td>September Council</td>
</tr>
<tr>
<td>22 - F</td>
<td>May Board of Graduate Studies</td>
</tr>
<tr>
<td>23 - Sa</td>
<td>May First Term ends</td>
</tr>
<tr>
<td>12 - Th</td>
<td>June Finance Committee</td>
</tr>
<tr>
<td>13 - F</td>
<td>June Council</td>
</tr>
<tr>
<td>27 - F</td>
<td>June Board of Graduate Studies</td>
</tr>
<tr>
<td>15 - M</td>
<td>June Queen's Birthday—University Office closed</td>
</tr>
<tr>
<td>12 - F</td>
<td>June Finance Committee</td>
</tr>
<tr>
<td>25 - F</td>
<td>June Christmas Day—University Office closed until Monday 4th January,</td>
</tr>
<tr>
<td>11 - F</td>
<td>December Finance Committee</td>
</tr>
<tr>
<td>12 - Sa</td>
<td>December Third Term ends</td>
</tr>
<tr>
<td>26 - F</td>
<td>December Board of Graduate Studies</td>
</tr>
</tbody>
</table>
COUNCIL

CHANCELLOR

DEPUTY CHAIRMAN OF THE COUNCIL
Herbert Cole Coombs, M.A. (W.A.), Ph.D. (Lond.), Hon. LLD. (Melb.)

VICE-CHANCELLOR
Leslie Galfreid Melville, K.B.E., B.Ec. (Syd.), Hon. LLD. (Toronto), F.I.A.

THE COUNCIL

Members elected by the Senate
John Archibald McCallum, B.A. (Syd.)
Elected 5 June 1952; re-elected 1 July 1953, 1 July 1955 and 1 July 1957; present tenure expires 30 June 1959.
Dorothy Margaret Tangney, B.A., Dip.Ed. (W.A.)
Elected 13 July 1951; re-elected 1 July 1953, 1 July 1955 and 1 July 1957; present tenure expires 30 June 1959.

Members elected by the House of Representatives
Two vacancies pending elections by new House of Representatives.

Members appointed by Governor-General
Allen Stanley Brown, Kt, C.B.E., M.A., LL.M. (Melb.)
Became member of Interim Council 1 January 1949; appointed by Governor-General 30 June 1949; appointed to Council by Governor-General 13 July 1951; re-appointed 1 July 1953, 1 July 1955, 1 July 1958; present tenure expires 30 June 1961.
Ian Clunies Ross, Kt, C.M.G., D.VSc. (Syd.), Hon. LLD. (Melb.), F.A.A.
Appointed 11 May 1956; re-appointed 1 July 1957; present tenure expires 30 June 1960.
Norman Lethbridge Cowper, B.A., LL.B. (Syd.)
Appointed 1 July 1955, re-appointed 1 July 1958; present tenure expires 30 June 1961.
Herbert John Goodes, C.B.E., B.A. (W.A.)
Became member of Interim Council 9 August 1946; appointed to Council by Governor-General 1 July 1951; re-appointed 1 July 1953, 1 July 1955, and 1 July 1958; present tenure expires 30 June 1961.
Warren d’Arcy McDonald, C.B.E.
Appointed 1 July 1953; re-appointed 1 July 1955 and 1 July 1957; present tenure expires 30 June 1960.
Ian Munro McLennan, C.B.E., B.E.E. (Melb.)
Appointed 1 July 1955, re-appointed 1 July 1958; present tenure expires 30 June 1961.
Frank Richardson, Kt.
Appointed 1 July 1953; re-appointed 1 July 1955, and 1 July 1957; present tenure expires 30 June 1960.
One vacancy.

Members elected by Convocation

Kenneth Hamilton Bailey, Kt, C.B.E., M.A., B.C.L. (Oxon), LL.M. (Melb.)
Became member of Interim Council 9 August 1946; elected to Council by Convocation 1 July 1951; re-elected 1 July 1955; present tenure expires 30 June 1959.

Herbert Burton, B.A. (Q'ld), M.A. (Oxon and Melb.)
Elected 1 July 1951; re-elected 1 July 1953, and 1 July 1957; present tenure expires 30 June 1961.

Herbert Cole Coombs, M.A. (W.A.), Ph.D. (Lond.), Hon. LL.D. (Melb).
Became member of Interim Council 9 August 1946; membership lapsed 1 January 1949; appointed by Governor-General 20 January 1949; co-opted to Council 1 July 1951; elected by Convocation 1 July 1953, re-elected 1 July 1957; present tenure expires 30 June 1961.

Elected by Staff 1 July 1953; elected by Convocation 1 July 1957; present tenure expires 30 June 1961.

Charles Patrick FitzGerald
Elected 1 July 1957; present tenure expires 30 June 1961.

Leonard George Holden Huxley, M.A., D.Phil. (Oxon), F.A.A.
Elected 24 February 1956; present tenure expires 30 June 1959.

Ernest William Titterton, C.M.G., Ph.D., Dip.Ed. (Birm.), F.R.S.A., F.A.A.
Elected 1 July 1955; present tenure expires 30 June 1959.

Roland Wilson, Kt, C.B.E., B.Com. (Tas.), D.Phil., Dip.Econ. and Pol. Sc. (Oxon), Ph.D. (Chicago)
Elected 1 July 1951; re-elected 1 July 1955; present tenure expires 30 June 1959.

Appointed to Interim Council by Governor-General 9 August 1946; elected to Council by Convocation 1 July 1951; re-elected 1 July 1953, and 1 July 1957; present tenure expires 30 June 1961.

Member ex officio

The Vice-Chancellor
Became member 1 November 1953.
Members elected by Students

Hsin Yuan T’ien, B.A. (Haverford), M.A. (Penn.).
Elected 1 July 1958, present tenure expires 30 June 1959.
Christopher Robin Heathcote, B.A. (W.A.), M.A. (Melb.).

Members elected by Staff

Bart Jan Bok, Ph.D. (Groningen)
Elected 1 July 1957; present tenure expires 30 June 1961.
George Bellamy Mackaness, M.B., B.S. (Syd.), M.A., D.Phil. (Oxon),
D.C.P. (Lond.)
Elected 1 July 1955; present tenure expires 30 June 1959.
John Arthur Passmore, M.A. (Syd.)
Elected 1 July 1957; present tenure expires 30 June 1961.

Members co-opted

The Right Honourable Viscount Bruce of Melbourne, P.C., C.H.,
M.C., B.A. (Cantab.), Hon. LL.D. (Syd., Melb., Cantab. and
A.N.U.), D.C.L. (Oxon), F.R.S.
Co-opted 10 August 1951, 1 August 1955, 1 August 1956,
1 August 1957, and 1 August 1958, present tenure expires 31 July
1959.
Mark Laurence Elwin Oliphant, K.B.E., B.Sc. (Adel.), M.A., Ph.D.
(Cantab.), Hon. LL.D. (St. Andrews), Hon. D.Sc. (Melb.,
Toronto, Belf., Birm. and N.S.W. Univ. Tech.), F. Inst. P.,
F.A.A., F.R.S.
Appointed to Interim Council by Governor-General 14 June
1950; elected to Council by Staff 13 April 1951; co-opted 1 July
1953, 1 July 1955; and 1 July 1958; present tenure expires 30 June
1959.
Hon. Litt.D. (Melb.), F.S.A.
Co-opted 10 September 1954 and 1 July 1958; present tenure
expires 30 June 1961.

Secretary—The Registrar
COUNCIL COMMITTEES AND GROUPS
OF ADVISERS

STANDING COMMITTEE
Chairman: The Vice-Chancellor
Sir Allen Brown
Dr H. C. Coombs
Professor Sir John Eccles

Secretary—The Registrar

FINANCE COMMITTEE
Chairman: Dr H. C. Coombs
The Vice-Chancellor
Professor B. J. Bok
Sir Allen Brown
Mr. N. L. Cowper

Secretary—The Bursar

ADVISERS ON BUILDINGS AND GROUNDS
Chairman: Mr W. D. McDonald
The Vice-Chancellor
Mr M. J. Moir
Mr A. J. Porter
Professor L. D. Pryor

Secretary—The Bursar

ADVISERS ON LEGISLATION
Chairman: Sir Kenneth Bailey
The Vice-Chancellor
Mr E. J. Hook
Professor G. Sawer

Secretary—The Registrar

DEPUTY CHAIRMAN’S COMMITTEE
Chairman: Dr H. C. Coombs
The Vice-Chancellor
Mr K. E. Beazley
Senator J. A. McCallum
Mr W. D. McDonald

Secretary—The Registrar

PUBLICATIONS COMMITTEE
Chairman: Professor L. C. Webb
Dr J. S. Bastin
Professor J. W. Davidson
Dr J. D. Freeman
Dr R. A. Gollan

Secretary—The Registrar
THE BOARD OF GRADUATE STUDIES

Chairman: The Vice-Chancellor

Professor Albert
Professor Barnes
Professor Bok
Professor Borrie
Professor Courtice
Professor Davidson
Professor Sir John Eccles
Professor Ennor
Professor Fenner
Professor FitzGerald
Professor Sir Keith Hancock
Professor Jaeger
Professor Le Couteur
The Librarian
The Master of University House
Professor Moran
Professor Sir Mark Oliphant
Professor Partridge
Professor Passmore
The Registrar
Professor Sawer
Professor Spate
Professor Swan
Professor Titterton
Professor Webb

UNIVERSITY HOUSE

Master

Fellows

Retiring 15 August 1959:
Professor B. J. Bok
Dr Rosamond M. Eccles (Steward)
Dr J. D. Freeman
Mr E. Irving

Retiring 15 August 1960:
Dr R. R. Brown (Bursar)
Dr W. H. Elliott
Professor J. A. Passmore (Deputy Master)
Dr D. S. Robertson

Honorary Fellows


OFFICERS FOR CEREMONIAL OCCASIONS

Marshal: Professor P. A. Moran
Esquire Bedell: Professor H. Burton
FACULTIES AND FACULTY BOARDS

RESEARCH SCHOOL OF SOCIAL SCIENCES

THE FACULTY

*The Director:* Professor Sir Keith Hancock

Mr R. T. Appleyard
Dr J. A. Barnard
Mr G. C. Bolton
Professor Borrie
Mr R. G. Boyd
Mr H. P. Brown
Dr R. R. Brown
Dr K. H. Burley
Mr A. L. Burns
Mr N. G. Butlin
Mr L. F. Fitzhardinge
Dr R. A. Gollan
Mr F. H. G. Gruen
Dr A. R. Hall
Dr J. C. Harsanyi
Lord Lindsay of Birker
Mr D. A. Low

Dr Norma R. McArthur
Professor Moran
Dr J. A. Modelski
Mr J. Moyal
Dr H. O. Pappe
Mr R. S. Parker
Professor Partridge
Professor Passmore
Dr I. F. Pearce
Dr C. A. Price
Dr D. W. Rawson
Dr W. E. G. Salter
Professor Sawer
Dr S. J. Stoljar
Professor Swan
Professor Webb
Mr J. Zubrzycki

THE FACULTY BOARD

*Chairman:* The Director

Professor Borrie
Mr H. P. Brown
Mr N. G. Butlin
Mr L. F. Fitzhardinge
Professor Moran
Dr J. Moyal
Mr R. S. Parker

Professor Partridge
Professor Passmore
Dr I. F. Pearce
Professor Sawer
Professor Swan
Professor Webb

THE RESEARCH SCHOOL OF PACIFIC STUDIES

THE FACULTY

*The Dean:* Professor Davidson

Dr Noel Barnard
Professor Barnes
Dr J. S. Bastin
Dr H. C. Brookfield
Dr Paula Brown
Dr E. S. Crawcour
Miss Ethel Drus
Mr T. Eckersley
Dr A. L. Epstein
Dr T. S. Epstein

Professor FitzGerald
Dr J. D. Freeman
Mr M. C. Groves
Mr J. N. Jennings
Mr H. E. Maude
Dr G. Mulder
Professor Spate
Dr W. E. H. Stanner
Dr S. A. Wurm

THE FACULTY BOARD

*Chairman:* The Dean

Professor Barnes
Dr H. C. Brookfield
Professor FitzGerald
Dr J. D. Freeman

Mr J. N. Jennings
Professor Spate
Dr W. E. H. Stanner

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STAFF OF THE UNIVERSITY

This list sets out the membership of the staff as at 1 December 1958, but also includes prospective members whose dates of appointments fell shortly thereafter. The date immediately after a member's name is the date from which the present appointment took effect.

VICE-CHANCELLOR

DEPUTY VICE-CHANCELLOR AND MASTER OF UNIVERSITY HOUSE

THE JOHN CURTIN SCHOOL OF MEDICAL RESEARCH
DEAN
Arnold Hughes Ennor, D.Sc. (Melb.), F.A.A.

BIOCHEMISTRY

Professor:

Fellows:
Raymond Leonard Blakley, Ph.D. (N.Z.), 1 July 1956; Research Fellow, 25 November 1953; Scholar, 1 September 1951.
John Francis Morrison, B.Sc. (Syd.), M.Sc. (Q'ld), D.Phil. (Oxon), 1 July 1956; Research Fellow, 17 February 1954; Scholar, 11 August 1951.
William Herdman Elliott, Ph.D. (Cantab.). 20 February 1957.
Harry Rosenberg, B.Sc. (Melb.), Ph.D. 1 July 1957; Research Fellow, 11 November 1955; Scholar, 16 March 1953.

Research Fellow:

EXPERIMENTAL PATHOLOGY

Professor:

Reader:
George Bellamy Mackaness, M.B., B.S. (Syd.), M.A., D.Phil. (Oxon), D.C.P. (Lond.), 8 August 1958; Senior Fellow, 1 July 1953; Research Fellow, 1 July 1951; Scholar, 1 July 1948.
Senior Fellow:
Bede Morris, B.V.Sc. (Syd.), D.Phil. (Oxon), 1 August 1958.

Research Fellow:

MEDICAL CHEMISTRY

Professor:
Adrien Albert, B.Sc. (Syd.), Ph.D., D.Sc. (Lond.), F.A.A. 1 January 1949.

Senior Fellow:
Desmond Joseph Brown, M.Sc. (Syd), Ph.D. (Lond.). 1 July 1956; Fellow, 18 October 1949; Research Fellow, 1 April 1949.

Senior Research Fellows:

Research Fellows:
Joyce Eleanor Fildes, B.Sc. (Syd.), Ph.D. (Birm.), 1 September 1956.
Raymond John Harrisson, Ph.D. (Syd.). 9 October 1957.

MICROBIOLOGY

Professor:

Reader (Virology):
Stephen Nicholas Emery Egon Fazekas de St. Groth, M.D., Ch.B., Sc.M. (Budapest). 8 August 1958; Senior Fellow, 1 June 1953; Senior Research Fellow, 1 January 1952.

Senior Fellow:

Fellow:
Wolfgang Karl Joklik, M.Sc. (Syd.), D.Phil. (Oxon). 1 July 1956; Research Fellow, 1 November 1952; Scholar, 29 October 1949.

Research Fellows:
Ian David Marshall, B.Ag.Sc. (Melb.). Ph.D. 1 January 1956; Scholar, 16 March 1953.
Gwendolyn Marion Woodroofe, M.Sc. (Adel.). 1 December 1958;
Research Assistant, 12 March 1951.

**PHYSICAL BIOCHEMISTRY**

**Professor Elect:**
Alfred George Ogston, M.A., D.Phil. (Oxon), F.R.S.

**Electron Microscopist (Research Fellow):**
Margaret Jocelyn Briggs, B.Sc. (Syd.). 30 May 1955.

**PHYSIOLOGY**

**Professor:**
John Carew Eccles, Kt, M.B., B.S. (Melb.), M.A., D.Phil. (Oxon),

**Reader:**

**Fellows:**
David Roderick Curtis, M.B., B.S. (Melb.), Ph.D. 1 July 1957;
Research Fellow, 1 July 1956; Scholar, 16 February 1954.

**Research Fellows:**
Rosamond Margaret Eccles, M.Sc. (N.Z.), Ph.D. 1 March 1955;
Scholar, 1 January 1951.

**Visiting Fellow:**

**BIOLOGICAL INORGANIC CHEMISTRY UNIT**

**Visiting Reader:**
Francis Patrick Dwyer, D.Sc. (Syd.). 1 January 1958.

**Research Fellow:**
Alan McLeod Sargeson, Ph.D. (Syd.). 1 November 1958; Visiting Fellow, 1 February 1958.

**VETERINARY OFFICER**

**BUSINESS MANAGER**
William Henry Goddard, A.A.S.A. 1 May 1956; Accounts Clerk,
26 April, 1949; Senior Accounts Clerk, 13 April 1950; Purchasing and Finance Officer, Medical School, 1 January 1953.

**TECHNICAL MANAGER**
Jack Byam Wight. 13 August 1956.
THE RESEARCH SCHOOL OF PHYSICAL SCIENCES

DIRECTOR

ASTRONOMY

Professor and Director of the Observatory:
Bart Jan Bok, Ph.D. (Groningen). 15 January 1957.

Readers:

Reader in Optics:

Head of Time Service (Senior Fellow):

Fellows:
Heinz Rudolf Friedrich Gollnow, Dr.Phil. (Berlin). 3 January 1957.

Research Engineer (Fellow):

Research Fellow:

Honorary Professor:
GEOPHYSICS

Professor:

Reader:
Mervyn Silas Paterson, B.E. (Adel.), Ph.D. (Cantab.). 1 June 1956; Senior Research Fellow, 1 June 1953.

Fellows:
Germaine Anne Joplin, B.A., D.Sc. (Syd.), Ph.D. (Cantab.). 1 August 1952.

Senior Research Fellow:

Research Fellows:
Frank Donald Stacey, Ph.D. (Lond.). 4 April 1956.
Hugh Aynsley Doyle, B.Sc. (Syd.). 5 June 1956.

NUCLEAR PHYSICS

Professor:

Fellow:
John Henry Carver, M.Sc. (Syd.), Ph.D. (Cantab.). 1 September 1956; Research Fellow, 24 February 1953; Scholar, 19 August 1949.
Peter Bradley Treacy, M.Sc. (Syd.), Ph.D. (Cantab.). 26 May 1958; Research Fellow, 1 December 1951.

Research Fellows:

PARTICLE PHYSICS

Professor:


**Senior Fellow:**


**Senior Research Engineers (Senior Fellows):**

Leonard Ulysses Hibbard, B.Sc., M.E. (Syd.), Ph.D. (Birm.). 12 January 1954; Research Fellow, 1 January 1949.

John William Blamey, M.Sc. (Melb.). 1 July 1957; Fellow, 1 April 1953; Research Fellow, 1 January 1950.

**Electronics Engineer (Fellow):**


**Fellow:**

Edward Kenneth Inall, B.Sc., B.E. (Syd.), Ph.D. (Reading). 1 July 1956; Research Fellow, 1 July 1955; Research Fellow in Nuclear Physics, 1 August 1951.

**Research Engineers (Fellows):**

Peter O'Neil Carden, B.E. (Q'ld). 11 October 1957; Research Fellow, 2 May 1955.


**Research Fellow:**


**Professor:**

Vacant.

**Reader:**

Frank Scarf, M.Sc. (Birm.). 16 April 1951 until 6 February 1959.

**Chemist (Senior Fellow):**


**Fellow:**


**Research Assistant in charge of Mass Spectrometer:**

John Robins Richards, M.Sc. (Melb.), Ph.D. (Durham). 1 October 1957; Research Fellow, 1 October 1952.

**Professor:**

Kenneth James Le Couteur, M.A., Ph.D. (Cantab.). 1 April 1956.

**Reader:**

Fellow:
Frederick Charles Barker, M.Sc. (Melb.), Ph.D. (Birm.). 1 November 1955; Research Fellow, 1 October 1949 to 13 September 1954.

Research Fellow:
Lindsay James Tassie, Ph.D. (Melb.). 1 September 1956.

LABORATORY MANAGER

CHIEF TECHNICAL OFFICER
Sidney Raymond Cornick. 1 October 1948.

THE RESEARCH SCHOOL OF SOCIAL SCIENCES

DIRECTOR
William Keith Hancock, Kt, M.A. (Oxon), D.Litt. (Rhodes), Litt.D. (Cantab.), F.B.A. 1 October 1956.

DEMOGRAPHY

Professor:
Wilfred David Borrie, M.A. (N.Z). 6 December 1957; Reader, 28 July 1952; Senior Research Fellow, 12 August 1949; Research Fellow, 1 January 1949; Research Fellow in the Social Sciences, 1 June 1947.

Fellows:

Research Fellows:

ECONOMICS

Professor:
Trevor Winchester Swan, B.Ec. (Syd.). 1 July 1950.

Reader (Economic Statistics):

Reader (Economic History):
Noel George Butlin, B.Ec. (Syd.). 6 September 1954; Senior Research Fellow, 1 August 1951; Scholar, 24 July 1949.
Reader (Economic Theory):
    Ivor Frank Pearce, B.A. (Econ.) (Brist.), Ph.D. (Nott.). 14 December 1956.

Fellow:
    Alan Ross Hall, B.Ec. (Syd.), Ph.D. (Lond.). 26 November 1953; Research Fellow, 26 November 1951, Scholar, 1 March 1950.

Senior Research Fellow:

Research Fellows:
    Kevin Hubert Burley, B.A., Ph.D. (Lond.). 1 September 1957.
    James Alan Barnard, B.Ec. (Syd.), Ph.D. 1 October 1957; Scholar, 21 May 1952.

HISTORY

Professor:
    William Keith Hancock, Kt, M.A. (Oxon), D.Litt. (Rhodes), Litt.D. (Cantab.), F.B.A. 1 October 1956.

Reader (Australian History):

Fellows:
    Robin Allenby Gollan, M.A. (Syd.) Ph.D. (Lond.). 8 November 1957; Research Fellow, 5 January 1953; Scholar, 3 September 1948.
    Donald Anthony Low, B.A. (Lond.). 15 November 1958.

Research Fellow:

LAW

Professor:

Senior Fellow:
    Samuel Jacob Stoljar, LL.M., Ph.D. (Lond.). 21 September 1954.

Visiting Fellow (Senior Fellow):
POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

Professor:

Reader (Public Administration):

Senior Fellow:
Michael Francis Morris Lindsay (Lord Lindsay of Birker), M.A. (Oxon). 1 March 1954; Senior Research Fellow, 1 June 1951.

Fellow:
Arthur Lee Burns, M.A. (Melb.). 20 December 1957; Research Fellow, 13 March 1955.

Research Fellows:
Jerzy Aleksander Modeński, Ph.D. (Lond.). 8 January 1957.
Donald William Rawson, M.A., Ph.D. (Melb.). 18 December 1957; Scholar, 3 September 1953.

SOCIAL PHILOSOPHY

Professor:
Percy Herbert Partridge, M.A. (Syd.). 1 August 1952.

Professor (Philosophy):

Senior Fellow:

Research Fellows:

STATISTICS

Professor:
Patrick Alfred Pierce Moran, M.A. (Cantab. and Oxon), D.Sc. (Syd.). 1 January 1952.

Reader:
Edward James Hannan, B.Com. (Melb.), Ph.D. 1 March 1956; Research Fellow, 12 October 1953 until 1 January 1959.

**THE RESEARCH SCHOOL OF PACIFIC STUDIES**

**DEAN**

Professor J. W. Davidson, M.A. (N.Z.), Ph.D. (Cantab.).

**ANTHROPOLOGY AND SOCIOLOGY**

**Professor:**


**Reader (Comparative Social Institutions):**


**Reader (Social Anthropology):**

John Derek Freeman, Ph.D. (Cantab.), Dip. Anthropol. (Lond.). 20 September 1957; Senior Fellow, 1 February 1955.

**Senior Fellow (Linguistics):**


**Research Fellows:**


**FAR EASTERN HISTORY**

**Professor:**

Charles Patrick FitzGerald. 15 March 1954; Reader in Far Eastern History, 26 September 1951; Visiting Reader in Oriental Studies, 1 February 1950.

**Senior Research Fellows:**

Gerritt Mulder, Drs. (Leyden). 2 July 1953.


**Research Fellows:**


Noel Barnard, B.A. (N.Z.), Ph.D. 1 August 1958.

**GEOGRAPHY**

**Professor:**

STAFF

Reader (Geomorphology):
Joseph Newell Jennings, M.A. (Cantab.). 1 October 1952.

Reader (Social Geography):
Harold Chillingworth Brookfield, B.A., Ph.D. (Lond.). 13 June 1958; Senior Research Fellow, 24 March 1957.

Visiting Fellows:

PACIFIC HISTORY

Professor:

Fellow:

Senior Research Fellow:

Research Fellows:
Murray Charles Groves, B.A. (Melb.). 1 August 1956.
Ethel Drus, M.A. (Cape Town), 1 October 1957; Research Fellow previously from 1 August 1953 to 31 July 1955.
STAFF

SENIOR ADMINISTRATIVE STAFF

Registrar:
Ross Ainsworth Hohnen, B.Ec. (Syd.). 1 July 1949; Assistant to the Registrar, 19 September 1948.

Bursar:

Deputy Registrar:
David Kenneth Ronald Hodgkin, B.Sc. (Econ.) (Lond.). 1 January 1957; Assistant Registrar, 20 October 1952.

Assistant Registrar (Public Relations):

Senior Graduate Assistant:
Edmund Paget Thomas, B.Sc. (Econ.) (Lond.). 1 January 1958; Graduate Assistant, 1 June 1955.

Accountant:

Assistant Accountant:

University Architect:

Designer:
Frederick Ward. 1 January 1954.

SENIOR LIBRARY STAFF

Librarian:

Deputy Librarian:
Noel Stockdale, B.A. (Melb.). 26 September 1951; Order and Periodicals Officer, 13 September 1948.

Senior Assistant:
GRADUATES OF THE UNIVERSITY

Honorary Degrees:

1951  Garran, Sir Robert Randolph*  Hon. LL.D.
1952  Bruce of Melbourne, The Rt. Hon. Viscount  Hon. LL.D.
       Cockcroft, Sir John Douglas  Hon. D.Sc.
1957  Lindsay, Sir Daryl  Hon. LL.D.
       Rivett, Sir Albert Cherbury David  Hon. LL.D.
       Marston, Hedley Ralph  Hon. D.Sc.
       Gregg, Sir Norman McAlister  Hon. D.Sc.
       Macmillan, The Rt. Hon. Harold  Hon. LL.D.

Graduates:

Barnard, James Alan  (1957)  Ph.D.
Barnard, Noel  (1957)  Ph.D.
Beck, Alan Edward  (1957)  Ph.D.
Beckett, Jeremy Rex  (1958)  M.A.
Boyle, Alan John Fraser  (1958)  Ph.D.
Bromley, John Edward  (1956)  M.A.
Brown, Tillman Merritt  (1958)  Ph.D.
Burridge, Kenelm Oswald Lancelot  (1954)  Ph.D.
Craig, Jean Isobel  (1955)  Ph.D.
Crawcour, Edwin Sydney  (1956)  Ph.D.
Curtis, David Roderick  (1957)  Ph.D.
Das, Sadhu Charan  (1956)  M.A.
de Vaucouleurs, Gerard Henri  (1957)  D.Sc.
Eccles, Rosamond Margaret  (1955)  Ph.D.
Fallding, Harold Joseph  (1957)  Ph.D.
Fry, Eric Charles  (1956)  Ph.D.
Gani, Joseph Mark  (1956)  Ph.D.
Goodman, Rupert Douglas  (1956)  Ph.D.
Graham, Doris Mary  (1956)  M.Sc.
Gum, Colin Stanley  (1953)  Ph.D.
Hannan, Edward James  (1956)  Ph.D.
Hay, Halcro Johnston  (1958)  Ph.D.
Hieser, Ronald Oswald  (1957)  Ph.D.
Jupp, Kathleen Margaret  (1958)  M.A.
King, Herbert William Henry  (1956)  Ph.D.
Liesching, Susan Elizabeth  (1954)  M.A.
Liley, Albert William  (1957)  Ph.D.
Marshall, Ian David  (1956)  Ph.D.
Martin, Allan William  (1956)  Ph.D.
Newbury, Colin Walter  (1957)  Ph.D.
O'Loughlin, Carleen  (1957)  Ph.D.
Perry, Thomas Melville  (1958)  Ph.D.
Przybyski, Antoni  (1954)  Ph.D.
Reay, Marie Olive  (1958)  Ph.D.

* Deceased

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GRADUATES

Riviere, Anthony Christopher (1958) Ph.D.
Rodgers, Alexander William (1958) Ph.D.
Rosenberg, Harry (1956) Ph.D.
Salisbury-Rowswell, Richard Frank (1958) Ph.D.
Smith, Bernard William (1957) Ph.D.
Snelling, Norman John (1958) Ph.D.
Ward, Russel Braddock (1957) Ph.D.
Wheeldon, Leslie Wylie (1957) Ph.D.
White, David Ogilvie (1958) Ph.D.
Worsley, Peter Maurice (1954) Ph.D.

RESEARCH STUDENTS IN RESIDENCE AT 1 DECEMBER 1958

*Abel, P. M. Miss
 *Allen, M. R.
 *Barcan, A. R.
 †Barlin, G. B.
 †Barry, R. D.
 *Beatty, I. M. Mrs
 *Beckett, J. R.
 *Bird, E. C. F.
 *Bowes, K. R.
 *Broomhead, J. A.
 *Cain, N.
 *Campbell, C. T.
 *Carrington, D. K.
 *Coleman, G.
 *Coote, G. E.
 *Crocombe, R. G.
 *De Rachewiltz, I.
 *Dockrill, D. W.
 *Doherty, M. D. Miss
 *Fairbairn, I. J.
 Flinn, E. A.
 *Fraser, A.
 *Frazer, R. M.
 *Frosham, J. D.
 †Garvan, F. L.
 *Gemmell, D. S.
 Gemmell, A.
 Green, R.
 *Godbole, E. K.
 *Gregory, A. G.
 *Harari, A.
 *Heathcote, C.
 *Henry, F. S.
 *Heron, D. B.
 *Hiatt, L. R.
 *Hindley, D.
 *Holmes, I. H.
 †Howard, L. E.
 *Hubbard, J. L.
 *Jones, K. G.

Microbiology
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Far Eastern History
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15 March 1957
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1 April 1957
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30 January 1958
RESEARCH STUDENTS

Kiraly, J.  
Kemsley, D. S.  
Lafferty, K.  
Lang, D. W.  
Lawrence, R. J.  
McDougall, I.  
McDougall, B. M. Miss  
Madan, T.  
Mainsbridge, B.  
Mallyon, J. S.  
Matsuura, S.  
O'Farrell, P. J.  
Palfreeman, A. C.  
Parker, I.  
Penny, K.  
Peranio, R. D.  
Phillis, J. W.  
Porra, R. J.  
Pursell, G. G.  
Burser, K. H.  
Robertson, J. R.  
Robertson, T. S. B.  
Roe, M. Mrs  
Roe, O. M.  
Schell, K.  
Seymour, P. W.  
Sherwood, T. R.  
Singh, D. K.  
Sivertsen, D. A.  
Smith, R. T.  
Stott, P. M.  
Subramaniam, V.  
Sutton, T. L. L.  
Taylor, R. B.  
Thornton, N. S.  
T'ien, H. Y.  
Tregenza, J. M.  
Vining, S. A.  
Ward, M. L. O.  
Watterson, C. A.  
Westerman, R. A.  
Whittaker, V. K. L.  
Withell, J.  
Wu, M.  

<table>
<thead>
<tr>
<th>Student</th>
<th>Discipline</th>
<th>Date</th>
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<tr>
<td>Kiraly</td>
<td>Physiology</td>
<td>4 July 1957</td>
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<td>Kemsley</td>
<td>Geophysics</td>
<td>3 December 1956</td>
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<td>Lafferty</td>
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<td>4 March 1957</td>
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<td>Lang</td>
<td>Theoretical Physics</td>
<td>6 January 1958</td>
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<td>Geophysics</td>
<td>29 April 1957</td>
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<td>Biochemistry</td>
<td>3 March 1958</td>
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<td>Madan</td>
<td>Anthropology</td>
<td>7 May 1956</td>
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<td>Mainsbridge, B.</td>
<td>Nuclear Physics</td>
<td>18 April 1957</td>
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<td>Mallyon, J. S.</td>
<td>Statistics</td>
<td>18 March 1958</td>
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<td>Matsuura, S.</td>
<td>Medical Chemistry</td>
<td>17 March 1958</td>
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<tr>
<td>O'Farrell, P. J.</td>
<td>History</td>
<td>12 March 1956</td>
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<tr>
<td>Palfreeman, A. C.</td>
<td>International Relations</td>
<td>14 March 1956</td>
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<td>Parker, I.</td>
<td>Economics</td>
<td>10 March 1958</td>
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<td>Penny, K.</td>
<td>Pacific History</td>
<td>23 January 1954</td>
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<td>Peranio, R. D.</td>
<td>Anthropology</td>
<td>27 August 1957</td>
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<td>Phillis, J. W.</td>
<td>Physiology</td>
<td>6 January 1958</td>
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<td>Porra, R. J.</td>
<td>Biochemistry</td>
<td>16 June 1958</td>
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<td>Pursell, G. G.</td>
<td>Economics</td>
<td>8 September 1958</td>
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<td>Purser, K. H.</td>
<td>Nuclear Physics</td>
<td>1 February 1957</td>
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<td>Robertson, J. R.</td>
<td>History</td>
<td>24 February 1958</td>
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<td>Robertson, T. S. B.</td>
<td>Experimental Pathology</td>
<td>5 June 1956</td>
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<td>Roe, M. Mrs</td>
<td>Pacific History</td>
<td>1 September 1957</td>
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<td>Roe, O. M.</td>
<td>History</td>
<td>25 March 1957</td>
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<td>Schell, K.</td>
<td>Microbiology</td>
<td>4 February 1957</td>
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<td>Seymour, P. W.</td>
<td>Theoretical Physics</td>
<td>14 April 1958</td>
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<td>Sherwood, T. R.</td>
<td>Nuclear Physics</td>
<td>8 January 1958</td>
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<td>Singh, D. K.</td>
<td>Law</td>
<td>7 July 1958</td>
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<td>Sivertsen, D. A.</td>
<td>Anthropology</td>
<td>28 March 1956</td>
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<td>Smith, R. T.</td>
<td>Geography</td>
<td>25 September 1958</td>
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<td>Stott, P. M.</td>
<td>Geophysics</td>
<td>5 May 1958</td>
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<td>Subramaniam, V.</td>
<td>Political Science</td>
<td>27 March 1956</td>
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<td>Sutton, T. L. L.</td>
<td>History</td>
<td>15 March 1957</td>
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<td>Taylor, R. B.</td>
<td>Nuclear Physics</td>
<td>12 March 1958</td>
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<td>Thornton, N. S.</td>
<td>Social Philosophy</td>
<td>3 April 1957</td>
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<td>T'ien, H. Y.</td>
<td>Demography</td>
<td>6 September 1956</td>
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<td>Tregenza, J. M.</td>
<td>History</td>
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<td>Vining, S. A.</td>
<td>History</td>
<td>16 September 1957</td>
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<td>Ward, M. L. O.</td>
<td>Far Eastern History</td>
<td>13 March 1958</td>
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<td>Watterson, C. A.</td>
<td>Statistics</td>
<td>2 September 1957</td>
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<td>Westerman, R. A.</td>
<td>Physiology</td>
<td>17 February 1958</td>
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<td>Whittaker, V. K. L.</td>
<td>Biochemistry</td>
<td>4 March 1957</td>
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<td>Withell, J.</td>
<td>Microbiology</td>
<td>4 March 1957</td>
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<tr>
<td>Wu, M.</td>
<td>Political Science</td>
<td>26 August 1958</td>
</tr>
</tbody>
</table>

* A.N.U. Scholarships.  
† General Motors-Holdens Fellowships.
FORMER MEMBERS OF THE INTERIM COUNCIL

Ashby, Eric. 9 August 1946 to 1 September 1948.
Boniwell, Martin Charles.*
Cooper, Walter Jackson. 29 June 1949 to 30 June 1951.
Copland, Douglas Berry. 1 May 1948 to 30 June 1951.
Crisp, Leslie Finlay. 18 July 1949 to 1 March 1950.
Daley, Charles Studdy. 9 August 1946 to 30 June 1951.
Eggleston, Frederick William.† 9 August 1946 to 30 June 1951.
Ennor, Arnold Hughes. 1 July 1950 to 30 June 1951.
Garran, Robert Randolph.† 9 August 1946 to 30 June 1951.
Martin, Leslie Harold. 11 August 1948 to 30 June 1951.
Medley, John Dudley Gibbs. 9 August 1946 to 30 June 1951.
Mills, Richard Charles.† 9 August 1946 to 30 June 1951.
O'Byrne, Justin Hilary. 29 June 1949 to 30 June 1951.
Rivett, Albert Cherbury David. 9 August 1946 to 30 June 1951.
Spender, Percy Claude. 29 June 1949 to 16 March 1951.
Ward, Hugh Kingsley. 11 August 1948 to 30 June 1951.
Watson, George Albert.*
Weeden, William John. 16 April 1951 to 30 June 1951.
Whitlam, Harry Frederick Ernest.*

FORMER MEMBERS OF THE COUNCIL

Barnard, Noel. 1 June 1952 to 30 June 1953.
Borrie, Wilfred David. 1 July 1953 to 30 June 1957.
Cameron, Donald Alistair. 13 July 1951 to 9 March 1956.
Catt, Allan John Lewis. 1 July 1957 to 30 June 1958.
Copland, Douglas Berry. 1 July 1951 to 30 April 1953.
Crocker, Walter Russell. 1 July 1951 to 28 April 1952.
Currie, George Alexander. 1 July 1951 to 28 April 1952.
Davidson, James Wightman. 1 July 1953 to 30 June 1957.
Dawes, Edgar Rowland. 1 July 1955 to 30 June 1957.
Ennor, Arnold Hughes. 1 July 1951 to 30 June 1952.
Fry, Eric Charles. 29 May 1952 to 30 June 1954.
Gani, Joseph Mark. 1 July 1954 to 30 June 1955.
Gorton, John Grey. 1 July 1951 to 5 June 1952.
Hawke, Robert James Lee. 1 July 1956 to 15 March 1957.
Hogan, Warren Pat. 1 July 1956 to 30 June 1957.
Kamenka, Eugene Serge. 1 July 1955 to 30 June 1956.
Marchant, Philip Dudley. 1 July 1957 to 30 June 1958.
Martin, Allan William. 1 July 1953 to 30 June 1954.
Partridge, Percy Herbert. 1 July 1953 to 30 June 1957.
Rivett, Albert Cherbury David. 1 July 1951 to 11 May 1956.
Robertson, Thorburn Stirling Brailsford. 1 July 1958 to 14 November 1958.

* Members of the Interim Council for various periods by virtue of appointment as Acting Solicitor-General. † Deceased.
Sawer, Geoffrey. 30 June 1952 to 11 February 1955.
Ward, Hugh Kingsley. 1 July 1951 to 30 June 1953.
Weeden, William John. 1 July 1951 to 21 August 1951.
Windeyer, William John Victor. 1 July 1951 to 30 June 1955.
Wood, Joseph Garnett. 1 August 1952 to 30 June 1955.
Woolley, Richard van der Riet. 1 July 1955 to 31 December 1955.

FORMER MEMBERS OF THE BOARD OF GRADUATE STUDIES

Copland, Douglas Berry. Vice-Chancellor, 1 May 1948 to 30 April 1953.
Crocker, Walter Russell. Professor of International Relations, 1 November 1949 to 22 December 1954.
Nadel, Siegfried Frederick Stephen. Professor of Anthropology, 1 August 1950 to 14 January 1956 (deceased).
Osborne, Robert Gumley. Registrar, 30 July 1947 to 16 March 1949.
MEMBERS OF CONVOCATION
(as at 1 December 1958 with dates on which membership began)

Abbie, Andrew Arthur (29 Mar. 1951)
Abraham, Henry James McKellar (3 Jan. 1957)
*Ackroyd, Joyce Irene (16 June 1952)
Ainslie, James Percival (29 Mar. 1951)
Albert, Adrien (29 Mar. 1951)
Appleyard, Reginald Thomas (6 Jan. 1958)
Ashby, Eric (29 Mar. 1951)
Austin, Robert Blackie (29 Mar. 1951)
Axon, Albert Edwin (8 Sept. 1958)
Bailey, Kenneth Hamilton (29 Mar. 1951)
Baker, Henry Seymour (10 Aug. 1956)
Ballingall, Carol Estella (7 May 1952)
Barker, Frederick Charles (6 Jan. 1951)
*Barnard, Alan (21 May 1952)
*Barnard, Noel (17 Mar. 1952)
Barnes, John Arundel (1 June 1958)
Basden, Ralph (24 Sept. 1953)
Bastin, John Sturgus (17 Nov. 1956)
Bauer, Francis Harry (1 Sept. 1952)
Baxter, John Phillip (1 Jan. 1953)
Bayliss, Noel Stanley (29 Mar. 1951)
Beasley, Frank Reginald (29 Mar. 1951)
Beazley, Kim Edward (29 Mar. 1951)
*Beck, Alan Edward (22 July 1952)
*Beckett, Jeremy Rex (9 May 1958)
Bellingham, Lois Amalie (29 Mar. 1951)
*Belshaw, Cyril Shirley (29 Mar. 1951)
Belshaw, James Pilkington (29 Mar. 1951)
Bennett, John Michael (16 Mar. 1954)
Berry, Harold (22 Nov. 1954)
Blackburn, Charles Bickerton (29 Mar. 1951)
Blakeley, Raymond Leonard (25 Nov. 1953)
Blamey, John William (29 Mar. 1951)
Bok, Bart Jan (15 Jan. 1957)
Bolton, Geoffrey Curgenven (1 July 1957)
*Boniwell, Martin Charles (29 Mar. 1951)
*Borrie, Wilfred David (29 Mar. 1951)
†Boyle, Alan John Fraser (1 Feb. 1953)
Brewer, Kenneth Ronald Walter (13 Aug. 1952)
Briggs, Margaret Jocelyn (30 May 1955)
†Bromley, John Edward (17 Mar. 1952)
Brookfield, Harold Chillingworth (24 Mar. 1957)
Brooks, Vernon Bernard (10 Sept. 1954)
Brown, Allen Stanley (29 Mar. 1951)
Brown, Desmond Joseph (29 Mar. 1951)
Brown, Horace Plessay (29 Mar. 1951)
*Brown, Maurice (1 Jan. 1952)
Brown, Paula (11 Oct. 1957)
Brown, Robert Richard (9 Aug. 1956)
†Brown, Tillman Merritt (15 Mar. 1954)
Bruce, Stanley Melbourne (10 Aug. 1951)
Brucek, Joyce Ida, née Cuskey (5 Mar. 1953)
Bull, Lionel Bailey (13 Nov. 1953)
Bulmer, Ralph Neville Hermon (15 Mar. 1954)
Burgess, Norman Alan (29 Mar. 1951)
Burley, Kevin Hubert (1 Sept. 1957)
Burn, Alan (29 Mar. 1951)
Burns, Arthur Lee (13 Mar. 1953)
*Burridge, Kenelm Oswald Lanceot (7 Apr. 1951)
Burton, Herbert (29 Mar. 1951)
Buscombe, William (3 Jan. 1957)
*Butler, Stuart Thomas (1 Aug. 1953)
Butlin, Noel George (1 Aug. 1951)
Cairns, Hugh John Forster (18 Jan. 1955)
*Cameron, Donald Alastair (4 July 1951)
Carden, Peter O’Neil (2 May 1953)
*Carey, Samuel Warren (6 Nov. 1952)
Carter, Edwin Keith (15 Mar. 1954)
Carver, John Henry (24 Feb. 1953)
*Catt, Allan John Lewis (1 July 1957)
*Champion, Kenneth Stanley Warner (29 Mar. 1951)
*Chapman, Robert McDonald (1 Mar. 1953)
*Check, Bruce Mansfield (1 July 1952)
Cheeseman, Gordon William Henry (1 Aug. 1951)
Clark, Charles Manning Hope (29 Mar. 1951)
*Clark, Ernest Haydn (29 Mar. 1951)
Clegg, William Edward (29 Mar. 1951)
Clunies Ross, Ian (30 Nov. 1953)
†Cockcroft, John Douglas (5 Sept. 1952)
Collins, Frederick Darien (1 Oct. 1952)
Comben, Helen Elaine (19 Mar. 1953)
Cook, Norma Gertrude (2 Apr. 1953)
Coombs, Herbert Cole (29 Mar. 1951)
Coombs, John Saxon (1 Sept. 1952)
*Cooper, Walter Saxon (29 Mar. 1951)
*Copland, Douglas Berry (29 Mar. 1951)
Cornell, James Gladstone (29 Mar. 1951)
Courtice, Frederick Charles (1 July 1958)
Cowper, Norman Lethbridge (1 July 1955)
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Crawcour, Edwin Sydney (1 Dec. 1951)  
Crawford, Raymond Maxwell (29 Mar. 1951)  
Crisp, Leslie Finlay (29 Mar. 1951)  
Crocker, Walter Russell (29 Mar. 1951)  
Crozier, Dorothy Felice (19 Oct. 1953)  
Currie, George Alexander (29 Mar. 1951)  
Curtin, Pierce William Edward (29 Mar. 1951)  
Curtis, David Roderick (16 Feb. 1954)  
Dadd, Frances Marie (9 Sept. 1954)  
Daley, Charles Studdy (29 Mar. 1951)  
Das, Sadhu Charan (5 July 1954)  
Davidson, James Wightman (29 Mar. 1951)  
Dawes, Edgar Rowland (26 July 1951)  
Dawson, Joan Allison (29 Mar. 1951)  
Dean, Arthur (15 Mar. 1954)  
Dedman, John Johnstone (28 May 1950)  
de Meel, Henry (19 April 1953)  
Denning, Arthur (29 Mar. 1951)  
Vaucouleurs, Gerard Henri (1 July 1951)  
Dew, Harold Robert (29 Mar. 1951)  
Dickson, Bertram Thomas (29 Mar. 1951)  
Docker, Edward George (15 June 1954)  
Dodson, Leigh Frederick (19 Aug. 1953)  
Dorrill, William Franklin (8 Mar. 1954)  
Drus, Ethel (1 Aug. 1953)  
Dunham, Theodore (1 July 1957)  
Dwyer, Francis Patrick (1 Jan. 1958)  
Eccles, John Carew (1 Dec. 1951)  
Eccles, Rosamond Margaret (29 Mar. 1951)  
Eckersley, Thomas William (8 Oct. 1958)  
Edge, Ronald Dovaston (2 July 1954)  
Edwards, Lewis David (11 May 1951)  
Elkin, Adolphus Peter (29 Mar. 1951)  
Elliott, William Herdman (20 Feb. 1957)  
Ennor, Arnold Hughes (20 Mar. 1951)  
Epstein, Arnold Leonard (19 Aug. 1958)  
Evatt, Herbert Vere (13 May 1955)  
Ewens, John Quaile Drough (29 Mar. 1951)  
Fallding, Harold Joseph (16 Mar. 1953)  
Fatt, Paul (23 Oct. 1952)  
Fazekas de St. Groth, Stephen Nicholas Emery Egon (1 Jan 1952)  
Fenner, Frank John (29 Mar. 1951)  
Fenles, Joyce Eleanor (1 Sept. 1952)  
Firth, Raymond William (29 Mar. 1951)  
FitzGerald, Charles Patrick (29 Mar. 1951)  
Fitzhardinge, Laurence Frederic (29 Mar. 1951)  
Florey, Howard Walter (29 Mar. 1951)  
Forster, Colin (15 Mar. 1954)  
Foster, John Frederick (13 April 1951)  
Frankel, Otto Herzberg (11 Nov. 1953)  
Fremantle, John Takahara (10 Feb. 1955)  
Fry, Eric Charles (17 Mar. 1952)  
Fryberg, Abraham (11 May 1951)  
Gani, Joseph Mark (10 Jan. 1954)  
Gascoigne, Sidney Charles Bartholomew (24 Sept. 1953)  
Gibson, Alexander Boyce (29 Mar. 1951)  
Gillett, Eric William (29 Mar. 1951)  
Gillon, Richard Philip (1 Sept. 1952)  
Glassie, Robert Marshall (27 April 1954)  
Glover, Robert Neil (8 Oct. 1958)  
Gollan, Robin Allenby (5 Jan. 1953)  
Gollnow, Heinz Rudolf Friedrich (3 Jan. 1957)  
Goodes, Herbert John (20 Mar. 1951)  
Goodman, Rupert Douglas (1 June 1952)  
Gorton, John Grey (27 June 1951)  
Gottlieb, Kurt (3 Jan. 1957)  
Graham, Doris Mary (5 Feb. 1954)  
Gregg, Norman McAlister (27 Mar. 1958)  
Groves, Murray Charles (1 August 1956)  
Gruen, Fritz Henry Georg (16 Feb. 1959)  
Gum, Colin Stanley (29 Mar. 1951)  
Hall, Alan Ross (26 Nov. 1951)  
Hamilton, William Stenhouse (29 Mar. 1951)  
Hancock, William Keith (29 Mar. 1951)  
Hannan, Edward James (11 May 1953)  
Harman, Roy William (29 Mar. 1951)  
Harrison, Howard Pyne (4 Nov. 1954)  
Harrison, Raymond John (9 Oct. 1957)  
Harsanyi, John Charles (27 Jan. 1959)  
Hawke, Robert James Lee (1 July 1956)  
Hay, Halcro Johnston (20 Feb. 1953)  
Hayes, Susan Elizabeth, née Liesching (6 Aug. 1953)  
Hibbard, Leonard Ulysses (29 Mar. 1951)  
Hieser, Ronald Oswald (9 Feb. 1953)  
Hill, Malcolm Robert (21 May 1954)  
Hodgkin, David Kenneth Ronald (20 Oct. 1954)  
Hogan, Warren Pat (1 July 1956)  
Hogg, Arthur Robert (24 Sept. 1953)  
Hohnen, Ross Ainsworth (29 Mar. 1951)
Holloway, Bruce William (2 Feb. 1953)
Hook, Edwin John (11 July 1958)
Howell, Charles Frederick (15 Nov. 1958)
Howes, David William (18 Dec. 1957)
Huxley, Leonard George Holden (29 Mar. 1951)
Hyttén, Torleiv (29 Mar. 1951)

Inall, Edward Kenneth (1 Aug. 1951)
Irving, Edward (11 Nov. 1954)
Isles, Keith Sydney (1 July 1957)

Jaeger, John Conrad (1 Jan. 1952)
Jennings, Joseph Newell (1 Oct. 1952)
Johnson, Henry (9 Dec. 1957)
Johnston, Hugh (17 Sept. 1958)
Joklik, Wolfgang Karl (1 Nov. 1952)
Jones, Thomas Gilbert Henry (11 May 1951)
Joplin, Germaine Anne (1 Aug. 1952)
Joske, Percy Ernest (13 June 1956)
†Jupp, Kathleen Margaret (1 Sept. 1954)
†Kamenka, Eugene Serge (1 July 1955)
Kett, William George (29 Mar. 1951)
King, Charles Stanley (29 Mar. 1951)
†King, Herbert William Henry (3 Mar. 1952)
Klestadt, Eric (1 Mar. 1954)
*Koketsu, Kyozo (18 May 1953)
Kondaiiah, Evani (16 June 1952)
*Kratzing, Clifford Colin (2 July 1952)

Lane, Barbara Savadkin (23 Mar. 1953)
Lane, Robert Brockstedt (23 Mar. 1953)
*Langford-Smith, Trevor (22 June 1953)
Laver, William Graeme (15 Sept. 1958)
*Lawrence, Peter (1 May 1954)
Le Couteur, Kenneth James (1 April 1956)
Leslie, Francis Henry (17 Sept. 1954)
Lewis, Phillip Harold (7 May 1953)
†Liley, Albert William (10 May 1957)
†Lindsay, Daryl (10 May 1957)
Lindsay, Michael Francis Morris (1 June 1951)
*Long, Kenneth Russell (18 April 1953)
Lovering, John Francis (23 Jan. 1956)
Low, Donald Anthony (15 Nov. 1958)
Lowe, Charles John (29 Mar. 1951)

McArthur, Annie Margaret (12 May 1954)
McArthur, Norma Ruth (7 Oct. 1952)
McAulay, Alexander Leicester (29 Mar. 1951)
McCallum, John Archibald (5 June 1952)

McDonald, Arthur Leopold Gladstone (20 Mar. 1951)
McDonald, John Stuart (15 Mar. 1954)
McDonald, Warren d'Arcy (1 July 1953)
MacDougall, James Kenneth (29 Mar. 1951)
Macfarlane, Walter Victor (1 Sept. 1958)
Mackness, George Bellamy (1 July 1951)
*McKillop, Bruce Crago (4 Feb. 1953)
*McKirdy, Kenneth Alexander (3 Mar. 1952)
McLennan, Ian Munro (1 July 1955)
McRae, Christopher Ralph (29 Mar. 1951)
Mackay, Robert Bowden (29 Mar. 1951)
Magrath, David Ibbott (27 Sept. 1956)
§Marchant, Philip Dudley (1 July 1957)
†Marshall, Ian David (16 Mar. 1953)
Marshall, Richard Astley (3 April 1958)
†Marston, Hedley Ralph (10 May 1957)
†Martin, Allan William (17 Mar. 1952)
†Martin, Jean Isobel, née Craig (1 Sept. 1951)
†Martin, Leslie Harold (29 Mar. 1951)
*Mason, Stephen Finney (1 April 1953)
Mathur, Kripa Shanker (22 May 1954)
Maude, Henry Evans (1 Jan. 1957)
†Medley, John Dudley Gibbs (29 Mar. 1951)
Melville, Leslie Galfreid (1 Nov. 1953)
Menzies, Robert Gordon (14 June 1951)
Mills, Reginald (26 Jan. 1954)
Mims, Cedric Arthur Chetwynd (14 Nov. 1956)
Mitchell, Mark Ledingham (29 Mar. 1951)
Mielski, Jerzy Aleksander (8 Jan. 1957)
Moir, Malcolm Johnson (11 July 1958)
Moran, Patrick Alfred Pierce (1 Jan. 1952)
Morris, Bede (1 Aug. 1958)
Morrish, Joan (29 Mar. 1951)
Morrison, John Francis (17 Feb. 1954)
§Morton, Arthur Hilary (14 April 1953)
Moyal, Jose Enriquez (16 Aug. 1958)
Moyes, John Steward (29 Mar. 1951)
Mulder, Gerritt (2 July 1953)
Nadel, George Hans (24 July 1953)
Napier, John Mellis (29 Mar. 1951)
†Newbury, Colin Walter (26 May 1953)
Nicholson, Alexander John (9 Dec 1953)
§O'Byrne, Justin Hilary (29 Mar. 1951)
Oliphant, Marcus Laurence Elwin (29 Mar. 1951)
†O'Loughlin, Carleen (25 Aug. 1953)
Osborne, Robert Gumley (29 Mar. 1951)
*Oxnam, Desmond Walter (1 Mar. 1952)
Packer, David Reginald Griffths (31 Mar. 1952)
Page, Earle Christmas Grafton (29 Mar. 1951)
Pappe, Helmut Otto (18 April 1958)
Parker, Douglas William Leigh (29 Mar. 1951)
Parker, Robert Stewart (1 Mar. 1954)
Partridge, Percy Herbert (1 Aug. 1953)
Passmore, John Arthur (1 Feb. 1955)
Paterson, Mervyn Silas (1 June 1953)
Paton, George Whitecross (29 Mar. 1951)
Pearce, Ivor Frank (14 Dec. 1956)
Penny, Keith (23 Jan. 1954)
*Penny, Ronald Edgar Cooper (1 Feb. 1952)
Perrin, Douglas Dalzell (19 July 1957)
†Perry, Thomas Melville (15 Mar. 1954)
*Phillips, Derek Michael Phillips (29 Mar. 1951)
Phillips, John Norbert (1 Oct. 1953)
Pitcchford, John David (15 Mar. 1954)
*Pitman, Edwin James George (29 Mar. 1951)
Praed, John Max (24 Mar. 1953)
Prescott, Stanley Lewis (1 April 1953)
Price, Archibald Grenfell (29 Mar. 1951)
Price, Charles Archibald (13 Feb. 1952)
Pryor, Lindsay Dixon (11 July 1958)
†Przybyslki, Antoni (29 Mar. 1951)
Rawson, Donald William (3 Sept. 1953)
*Read, Kenneth Eyre (29 Mar. 1951)
†Reay, Marie Olive (16 Mar. 1953)
Reich, Friedrich (15 Mar. 1953)
Reid, Alexander James (13 June 1958)
Rendell, Margaret Patricia (3 Mar. 1953)
Richards, John Robins (1 Oct. 1952)
Richardson, Frank (1 July 1953)
Rimsky-Korsakoff, Svetlana (15 July 1954)
†Rivett, Albert Cherbury David (29 Mar. 1951)
†Riviere, Anthony Christopher (18 Mar. 1953)
Roach, James Robert (6 July 1951)
Roberts, Stephen Henry (29 Mar. 1951)
Robertson, David Stirling (21 Mar. 1955)
Robertson, Thorburn Stirling Brailsford (1 July 1958)
*Robin, Gordon de Quetteville (2 Jan. 1957)
†Rodgers, Alexander William (15 Mar. 1954)
Roper, Ernest David (29 Mar. 1951)
Rosecrance, Richard Newton (4 Nov. 1954)
†Rosenberg, Harry (1 Sept. 1952)
Rowe, Albert Percival (29 Mar. 1951)
Ryan, John (22 Oct. 1956)
Sadka, Emma (15 Mar. 1954)
†Salisbury, Richard Frank (25 June 1952)
Salter, Wilfred Edward Graham (10 July 1956)
Sargeson, Alan McLeod (1 Feb. 1958)
†Sawer, Geoffrey (29 March 1951)
Scar, Frank (16 April 1951)
Scarrow, Howard Albert (17 Mar. 1952)
*Shenton, David Barry (1 Sept. 1952)
*Short, Laurence Neville (29 Mar. 1951)
Singleton, Patrick Duffield (4 April 1951)
*Slater, Eric Charles (29 Mar. 1951)
Smellie, Donald William (1 Dec. 1953)
†Smith, Bernard William (5 Jan. 1954)
Smith, Brian Beresford (11 July 1958)
Smith, William Irving Berry (5 June 1952)
†Snelling, Norman John (15 Mar. 1954)
Somerville, Jack Murielle (29 Mar. 1951)
Soper, Charles Samuel (14 Jan. 1952)
Spate, Oskar Hermann Kristian (29 Mar. 1951)
§Spender, Percy Claude (29 Mar. 1951)
Spillius, James (24 Dec. 1953)
Spinner, Ernest (16 Sept. 1957)
Stacey, Frank Donald (4 April 1956)
Stanner, William Edward Hanley (29 Mar. 1951)
Stockdale, Noel (18 April 1954)
Stoljar, Samuel Jacob (21 Sept. 1954)
Stone, Nancy Enid (26 Nov. 1956)
*Story, George Richard (1 Jan. 1952)
Story, John Douglas (29 Mar. 1951)
Sunderland, Sydney (29 Mar. 1951)
Swan, Trevor Winchester (29 Mar. 1951)
Sweeting, Marjorie (25 Sept 1958)
Symonds, John Lloyd (29 Mar. 1951)
Tangney, Dorothy Margaret (27 June 1951)
Tassie, Lindsay James (1 Sept. 1956)
Tiegs, Oscar Werner (29 Mar. 1951)
T'ien, Hsin Yuan (1 July 1958)
Titterton, Ernest William (29 Mar. 1951)
Treyce, Peter Bradley (1 Dec. 1951)
Trendall, Arthur Dale (6 May 1953)
Tugby, Donald John (29 Mar. 1954)
Turchinetz, William Ernest (11 Sept. 1956)
Underwood, Eric John (29 Mar. 1951)
Valentin, Hartmut Hans Burchard (1 April 1958)
Valentine, Charles (22 Mar. 1954)
Vanderlaan, Karl Otto Hermann (21 May 1953)
Velins, Erika (12 Mar. 1953)
Vickery, James Richard (30 Oct. 1953)
Wadham, Samuel MacMahon (8 June 1951)
Walker, Kenneth Ridley (15 Mar. 1954)
Walpole, Bruce Phillip (15 Mar. 1954)
†Ward, Hugh Kingsley (29 Mar. 1951)
†Ward, Russel Braddock (16 Mar. 1953)
Warke, Ian William (4 Nov. 1953)
Watkins, Jeffrey Clifton (1 Dec. 1957)
Watson, Geoffrey Stuart (1 Mar. 1955)
*Watson, George Michael (29 Mar. 1951)
Webb, Leicester Chisholm (1 May 1951)
Webster, Hugh Colin (11 May 1951)
Webster, Robert Joseph (29 Mar. 1951)
§Weeden, William John (16 April 1951)
*West, Francis James (9 Oct. 1952)
Wheare, Kenneth Clinton (29 Mar. 1951)
†Wheeldon, Leslie Wylie (15 June 1953)
†White, David Ogilvie (9 May 1958)
White, Frederick William George (21 Dec. 1953)
§Whitlam, Harry Frederick Ernest (29 Mar. 1951)
Whitten, Wesley Kingston (13 Dec. 1951)
Williams, John Ryan (18 Sept. 1958)
Wilson, Robert Kent (1 Mar. 1952)
Wilson, Roland (29 Mar. 1951)
§Windleyer, William John Victor (26 July 1951)
Winston, Denis (11 July 1958)
§Wood, Joseph Garnett (29 Mar. 1951)
Woodroffe, Gwendolyn Marion (12 Mar. 1953)
Woolcock, Maude Joan (29 Mar. 1951)
*Woolley, Richard van der Riet (29 Mar. 1951)
†Worsley, Peter Maurice (8 Aug. 1951)
Wright, Ian Francis (27 May 1955)
Wright, Phillip Arundell (29 Mar. 1951)
Wright, Roy Douglas (29 Mar. 1951)
Wurm, Stephen Adolfe (1 Jan. 1957)
Wurth, Wallace Charles (29 Mar. 1951)
Zubrzycki, Jerzy (13 Dec. 1955)
Zwicky, Karl (1 Jan 1959)

* Former member of academic Staff or former senior officer.
† Graduate.
§ Former member of Council or Interim Council.
ACTS, ORDINANCE, STATUTES AND RULES

Australian National University Act 1946-47 (a)

An Act to establish and incorporate a University in the
Australian Capital Territory

Be it enacted by the Queen's most Excellent Majesty, the
Senate and the House of Representatives of the Common­
wealth of Australia, as follows:—

1. This Act may be cited as the Australian National Univer-
sity Act 1946-1947.(a)

2. This Act shall come into operation on a date to be fixed
by Proclamation.(a)

3. In this Act, unless the contrary intention appears—
'the Canberra University College' means the college estab­
lished under the name by the Canberra University Col­
lege Ordinance 1929-1940 of the Australian Capital Terri­
tory;
'the Council' means the Council of the University;
'the Statutes' means the Statutes of the University in force
in pursuance of this Act;
'the University' means the Australian National University
constituted under this Act.

4. (1) A University, consisting of a Council and Convoca-
tion, and graduate and under-graduate members, shall be
established at Canberra, in the Australian Capital Territory.

(a) The Australian National University Act 1946-1947 comprises the
Acts set out in the following table:—

<table>
<thead>
<tr>
<th>Act</th>
<th>Year &amp; Number</th>
<th>Date of Assent</th>
<th>Date of Commencement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian National University Act</td>
<td>1947, No. 21</td>
<td>10 June 1947</td>
<td>10 June 1947</td>
</tr>
<tr>
<td>Australian National University Act</td>
<td>1947, No. 56</td>
<td>25 Nov. 1947</td>
<td>23 December 1947</td>
</tr>
</tbody>
</table>
University shall be a body corporate by the name of 'The Australian National University' and by that name shall have perpetual succession, and shall have a common seal, and be capable by that name of—

(a) suing and being sued in all courts;
(b) taking, purchasing and holding real and personal property (including property devised, bequeathed or given to the University);
(c) granting, selling, alienating, assigning and demising real or personal property; and
(d) doing all other matters and things incidental or appertaining to a body corporate.

5. (1) The common seal of the University shall be kept in such custody as the Council directs, and shall not be used except upon the order of the Council.

(2) All courts, judges and persons acting judicially shall take judicial notice of the common seal of the University affixed to any document, and shall presume that it was duly affixed.

Functions of the University. 6. The functions of the University shall include the following:

(a) To encourage, and provide facilities for, post-graduate research and study, both generally and in relation to subjects of national importance to Australia;
(b) To provide facilities for university education for persons who elect to avail themselves of those facilities and are eligible so to do; and
(c) Subject to the Statutes, to award and confer degrees and diplomas.

Research schools. 7. The University may establish such Research Schools as are deemed desirable, including—

(a) a School of Medical Research, to be known as 'The John Curtin School of Medical Research';
(b) a Research School of Physical Sciences;
(c) a Research School of Social Sciences; and
(d) a Research School of Pacific Studies.

Training for Public Service. 8. The University may provide specialist training in such subjects as are considered desirable for the purposes of members of the Public Service or of the staff of any public authority.
9. The University may provide for the incorporation in the University of the Canberra University College.

10. The governing authority of the University shall be the Council.

11. (1) The Council shall consist of not more than thirty members.

(2) Two members shall be members of the Senate, elected by the Senate.

(3) Two members shall be members of the House of Representatives, elected by that House.

(4) A number of members determined in accordance with this sub-section, but not at any time exceeding eight, shall be appointed by the Governor-General, being persons who, in the opinion of the Governor-General, by their knowledge and experience can advance the full development of the University. The number of members appointed under this sub-section shall be four, together with one further member for every member in excess of five elected by Convocation for the time being holding office.

(5) A number of members determined in accordance with this sub-section, but not at any time exceeding nine, shall be elected by Convocation. When Convocation is first constituted five such members shall be elected, and an additional member shall be elected for every fifty members by which the number of members of Convocation from time to time exceeds the minimum number required for the original Constitution of Convocation.

(6) The Vice-Chancellor shall be *ex officio* a member of the Council.

(7) Two members shall be appointed or elected, in the manner provided by the Statutes, to represent under-graduate students and other students of the University.

(8) Three members shall be appointed or elected, in the manner provided by the Statutes, to represent the professorial and teaching staff of the University.

(9) The members of the Council for the time being appointed or elected in accordance with the foregoing provisions of this section may, in the manner provided by the Statutes, co-opt not more than three additional members of the Council.

(10) The members elected or appointed under sub-sections (2), (3) and (4) of this section shall be severally elected or appointed for periods not exceeding three years.
(11) Subject to the last preceding sub-section and to sections thirteenth and fourteenth of this Act, the members of the Council (other than the Vice-Chancellor) shall hold office for such periods as the Statutes provide.

(12) The Statutes may provide for the retirement in rotation of members of the Council of any particular class.

(13) A person ceasing to be a member of the Council shall, unless otherwise disqualified, be eligible to become a member for a further period.

(14) In the event of a casual vacancy in the Council, a member shall be elected or appointed in the same manner as that in which the member whose seat is vacant was elected or appointed or, in such cases and in such circumstances as are specified in the Statutes, in such other manner as is prescribed by the Statutes, and the person so elected or appointed shall hold office for the residue of his predecessor’s term of office.

12. (1) At any time before the Council has been duly constituted and appointed, the Governor-General may establish an Interim Council, consisting of such persons as he thinks fit.

(2) Unless sooner dissolved by the Governor-General, the Interim Council shall remain in existence until the date on which the Council is duly constituted and appointed.

(3) The Interim Council shall do such things as it considers necessary in connexion with the establishment of the University and the commencement of the functions of the University, and for that purpose shall have all the powers and functions of the Council (except the powers and functions of the Council under section seventeen of this Act).

(4) While the Interim Council is in existence, any reference in any provision of this Act, other than sections eleven, fourteen, fifteen, seventeen and twenty-four, to the Council shall be read as a reference to the Interim Council.

13. No person who—

(a) is not of the full age of twenty-one years;

(b) is an undischarged bankrupt, or has his affairs under liquidation by arrangement with his creditors;

(c) has been convicted of an offence and sentenced to imprisonment, unless he has received a free pardon or has undergone the sentence; or

(d) is an insane person within the meaning of the laws relating to insanity in force for the time being in any State or Territory of the Commonwealth,

shall be capable of being or continuing to be a member of the Council.
14. If any member of the Council—

(a) dies;
(b) declines to act;
(c) resigns his seat;
(d) is absent without leave of the Council from six consecutive meetings of the Council; or
(e) in the case of a member elected by either House of the Parliament—ceases to be a member of that House,

his seat shall become vacant and shall be filled as a casual vacancy in accordance with sub-section (14) of section eleven of this Act.

15. (1) The Chancellor shall preside at all meetings of the Council at which he is present.
(2) At any meeting of the Council at which the Chancellor is not present, the member specified in, or ascertained in accordance with, the provisions of the Statutes or, if the Statutes do not make any such provision, the member elected by the members present from among their number, shall preside.

16. (1) Convocation shall consist of—

(a) all members and past members of the Council;
(b) all graduates of the University of degree of Master or Doctor;
(c) all other graduates of the University of three years' standing; and
(d) such graduates of other Universities, or other persons, as are, in accordance with the Statutes, admitted as members of Convocation.

(2) Until Convocation is constituted, the Council shall cause to be kept a roll of all persons who are entitled to become members of Convocation and thereafter shall cause to be kept a roll of all members of Convocation.

(3) When the number of persons so enrolled amounts to fifty, the Council shall report the fact to the Governor-General.

(4) The report mentioned in the last preceding sub-section shall be published in the Gazette, and Convocation shall be deemed to be constituted on the day of that publication.

(5) Meetings of Convocation may be convened by the Vice-Chancellor, or as provided in the Statutes.

17. (1) The Council shall, at its first meeting, and whenever a vacancy in the office of Chancellor occurs, elect one of its number to be Chancellor of the University.
(2) The Chancellor shall hold office for such period as is specified in the Statutes and on such conditions as are provided by the Statutes.

18. (1) The first Vice-Chancellor of the University shall be appointed by the Governor-General and shall hold office, subject to good behaviour, for a period of five years.

(2) Whenever a vacancy in the office of Vice-Chancellor occurs, the Council shall appoint a person (whether a member of the Council or not) to be Vice-Chancellor.

(3) The Vice-Chancellor (other than the first Vice-Chancellor) shall be appointed for such period as is specified in the Statutes and on such conditions as the Council determines.

(4) The Vice-Chancellor shall be the executive officer of the University, and shall possess such powers and perform such duties as the Statutes prescribe or, subject to the Statutes, the Council determines.

19. (1) At any meeting of the Council, not less than one half of the total number of members for the time being shall form a quorum.

(2) At any meeting of Convocation, twenty-five members shall form a quorum.

20. Nothing contained in this Act shall prevent any person from being immediately, or at any time, re-appointed or re-elected to any office or place under this Act if he is otherwise capable, for the time being, of holding that office or place.

21. No proceedings of the Council or of Convocation, or of any committee thereof, and no act done by a person acting as Chancellor or Vice-Chancellor, shall be invalidated by reason of any defect in the appointment or election, or of any disqualification of, any member of the Council or of Convocation, or of any such person, or in the convening or conduct of any meeting, or by reason of there being any vacancy in the number of members of the Council.

22. (1) The Statutes may provide for the establishment of a Board of Graduate Studies consisting of such Professors in the University and other persons as are specified in, or appointed in accordance with, the Statutes.

(2) Subject to this Act, the Board of Graduate Studies shall have such powers and functions in relation to courses of study in the University and other matters as the Statutes provide, or as are delegated to it by the Council.

23. Subject to this Act and the Statutes, the Council may from time to time appoint deans, professors, lecturers, examin-
ers and other officers and servants of the University, and shall have the entire control and management of the affairs and concerns of the University, and may act in all matters concerning the University in such manner as appears to it best calculated to promote the interests of the University.

24. (1) There shall be a standing committee of the Council, appointed by the Council, which shall consist of not more than seven members, including the Vice-Chancellor.

(2) The Vice-Chancellor shall be Chairman of the Committee, and in his absence the members present shall elect one of their number to act as Chairman.

(3) The Standing Committee shall exercise such powers and perform such functions as are conferred upon it by the Council.

(4) Four members of the Standing Committee shall constitute a quorum.

25. (1) The Council may, in relation to any matter or class of matters, or in relation to any activity or function of the University, by resolution, delegate all or any of its powers and functions under this Act (except this power of delegation and its powers in relation to the making of Statutes) to any member or to any Committee of its members, or to any officer or officers of the University.

(2) Every delegation under this section shall be revocable by resolution of the Council, and no delegation shall prevent the exercise of any power or function by the Council.

26. (1) Subject to this section, the Council shall have the control and management of all real and personal property at any time vested in or acquired by the University, and may dispose of real or personal property in the name and on behalf of the University.

(2) The Council shall not, except with the approval of the Governor-General, alienate, mortgage, charge or demise any lands, tenements or hereditaments of the University, except by way of lease for any term not exceeding twenty-one years from the time when the lease is made, in and by which there is reserved, during the whole of the term, the highest rent that can reasonably be obtained without fine.

27. (1) The Council may from time to time, make, alter and repeal Statutes with respect to all or any of the following matters:

(a) The management, good government and discipline of the University;

(b) The use and custody of the common seal;
(c) The method of election of members of the Council who are to be elected;

(d) The manner and time of convening, holding and adjourning the meetings of the Council and Convocation; the voting at such meetings (including postal or proxy voting); the appointment, powers and duties of the chairman thereof; the conduct and record of the business; the appointment of committees of the Council and Convocation; and the quorum, powers and duties of such committees;

(e) The resignation of members of the Council and of the Chancellor or Vice-Chancellor;

(f) The tenure of office, stipend and powers and duties of the Vice-Chancellor;

(g) The number, stipend, manner of appointment and dismissal of deans, professors, lecturers, examiners and other officers and servants of the University;

(h) The matriculation of students;

(i) The times, places and manner of holding lectures, classes and examinations, and the number and character of such lectures, classes and examinations;

(j) The promotion and extension of University teaching;

(k) The granting of degrees, diplomas, certificates and honours;

(l) The granting of fellowships, scholarships, exhibitions, bursaries and prizes;

(m) The admission of students of other Universities to any corresponding status or of graduates of other Universities to any corresponding degree or diploma without examination;

(n) The admission of members of Convocation;

(o) The fees to be paid for examinations, for the granting of degrees, diplomas and certificates, for attendance at the lectures and classes of the University and for use of the facilities of the University;

(p) The establishment, management and control of libraries, laboratories and museums in connexion with the University;

(q) The establishment or affiliation of residential colleges within the University;

(r) The affiliation or admission to the University of any educational or research establishment wheresoever situated;
(s) The control and investment of the property of the University;
(t) The provision of superannuation benefits for, and for the families of, the salaried teachers and other salaried officers of the University or any class of those teachers or officers;
(u) Academic costume; and
(v) Generally, all other matters authorized by this Act, or necessary or convenient for giving effect to this Act.

(2) The Statutes may provide for empowering any authority (including the Council) or officer of the University to make by-laws, rules or orders (not inconsistent with this Act or with any Statutes) for regulating, or providing for the regulation of, any specified matter (being a matter with respect to which Statutes may be made) or for carrying out or giving effect to the Statutes, and any such by-law, rule or order shall have the same force and effect as a Statute.

28. (1) Every Statute when approved by the Council shall be sealed with the common seal, and shall be transmitted by the Chancellor for the approval of the Governor-General, and upon being so approved shall be notified in the Gazette, and shall thereupon have the force of law.

(2) The notification of any Statute in the Gazette shall specify the place at which copies of the Statute may be purchased.

(3) A copy of every such Statute shall be laid before each House of the Parliament within fifteen sitting days of that House after notification of the Statute in the Gazette.

(4) The production of a copy of a Statute under the common seal of the University, or of a document purporting to be a copy of a Statute and to have been printed by the Government Printer, shall, in all proceedings, be sufficient evidence of the Statute.

(5) The Statutes shall be numbered consecutively in the order in which they are notified in the Gazette, and a notice in the Gazette of the fact that a Statute has been made and specifying the number of the Statute shall be sufficient compliance with the requirement of sub-section (1) of this section that the Statute shall be notified in the Gazette.

29. (1) Fees shall be payable by students of the University except, in the case of any student who is granted any fellowship, scholarship, exhibition, bursary or similar benefit, to the extent to which he is thereby exempted from payment of fees.
(2) The Governor-General may, by Proclamation, determine that fees shall not be payable by students of the University and while the Proclamation is in force, fees shall not be so payable.

Finance.

30. (1) There shall be payable to the University—

(a) in each financial year during the period of five years commencing on the first day of July, One thousand nine hundred and forty-six—such sum, not exceeding Three hundred and twenty-five thousand pounds, as the Treasurer is satisfied is necessary to meet the expenses of the University in that financial year; and

(b) in each financial year thereafter—the sum of Three hundred and twenty-five thousand pounds.

(2) The amounts payable to the University under this section shall be paid out of the Consolidated Revenue Fund which, to the necessary extent, is hereby appropriated accordingly.

Application of fees, &c.

31. All fees and all other moneys received by the Council under the provisions of this Act or otherwise shall be applied by the Council solely for the purposes of the University.

No religious test.

32. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the University, or to hold office therein, or to graduate thereat, or to enjoy any benefit, advantage or privilege thereof.

Report.

33. (1) The Council shall, within six months after the close of each University year, transmit to the Governor-General a report of the proceedings of the University during that year, containing a true and detailed account of the income and expenditure of the University during the year, audited in such manner as the Treasurer of the Commonwealth directs.

(2) A copy of every such report shall be laid before both Houses of Parliament.

Persons holding office in Canberra University College.

34. (1) Every person who, at the date on which the Canberra University College is incorporated in the University in pursuance of section nine of this Act, holds any salaried office or employment in the Canberra University College, and has not attained the age of sixty-five years, shall be entitled to be appointed to an office or to be employed in the University on terms and conditions (including terms and conditions as to remuneration and duration of appointment, but not including terms and conditions prescribing the title, duties or status of the office or employment) not less favourable than those upon which he so holds that office or employment:

Provided that this sub-section shall not apply to or in relation to any employment as a part-time lecturer, or any remuneration in respect of a part-time lectureship.
(2) A person to whom the last preceding sub-section applies shall not have any right to damages or compensation in respect of the termination, in consequence of the coming into operation of this Act, of his tenure of any office or employment in the Canberra University College.
MOUNT STROMLO OBSERVATORY ACT 1956

An Act to provide for the Transfer of the Administration of the Observatory at Mount Stromlo in the Australian Capital Territory to The Australian National University, and for other purposes.

Be it enacted by the Queen's Most Excellent Majesty, the Senate, and the House of Representatives of the Commonwealth of Australia, as follows:

1. This Act may be cited as the Mount Stromlo Observatory Act 1956.

2. (1) Subject to the next succeeding sub-section, this Act shall come into operation on the day on which it receives the Royal Assent.¹

(2) Section three of this Act shall come into operation on a date to be fixed by Proclamation, being a date not earlier than the date on which the administration of the Observatory is transferred to the University in pursuance of an arrangement under section five of this Act.²

3. (1) The Commonwealth Observatory Trust Fund Act 1953 is repealed.

(2) Upon the commencement of this section, the moneys which, immediately before that commencement, stood to the credit of the Commonwealth Observatory Trust Fund established under the Act repealed by this section, and the investments representing any of those moneys, shall be paid or transferred to the University.

4. In this Act, unless the contrary intention appears—
‘the Minister’ means the Minister of State for the Interior;
‘the Observatory means the observatory situated at Mount Stromlo in the Australian Capital Territory and known, at the date of commencement of this section, as the Commonwealth Observatory;
‘the University’ means The Australian National University.

5. (1) The Minister may, on behalf of the Commonwealth enter into an arrangement with the University for and in

¹ Royal Assent received on 7 November 1956.
² Date fixed by Proclamation was 1 April 1957.
relation to the transfer to the University of the administration of the Observatory.

(2) An arrangement under this section may provide for—

(a) the grant to the University, at a nominal rent, of a lease in perpetuity of any land owned by the Commonwealth which is required for the purposes of the Observatory (including residential purposes), together with such property or rights in or in respect of buildings and other fixtures on any such land as the Minister thinks fit; and

(b) the transfer to the University, without charge, of any equipment or other property owned by the Commonwealth that has been used or acquired for the purposes of the Observatory.

(3) An arrangement under this section may include such undertakings by the University as the Minister thinks necessary with respect to—

(a) the continuation by the University of all or any of the activities carried on at the Observatory at the date of the arrangement;

(b) the employment by the University of all or any of the persons who are, at the date of the arrangement, employed by the Commonwealth in connexion with the Observatory; and

(c) the use of moneys and investments paid or transferred to the University under section three of this Act.

6. The Minister may, on behalf of the Commonwealth, do all things necessary for carrying out an arrangement made under the last preceding section.

7. Where a person employed by the University in pursuance of an arrangement made under section five of this Act was, immediately before his employment by the University, an officer of the Public Service of the Commonwealth—

(a) he retains his existing and accruing rights;

(b) for the purpose of determining those rights, his service as a person employed by the University shall be taken into account as if it were service in the Public Service of the Commonwealth; and

(c) the Officers' Rights Declaration Act 1928-1953 applies in relation to him as if this Act and this section had been specified in the Schedule to that Act and as if the University were a Commonwealth authority within the meaning of that Act.
AUSTRALIAN NATIONAL UNIVERSITY (LANDS)  
ORDINANCE 1953  
AUSTRALIAN CAPITAL TERRITORY  
No. 3 of 1953  

An Ordinance

To authorize the execution of an Agreement and a Lease in respect of certain Lands to be used for the purposes of The Australian National University

Be it ordained by the Governor-General in and over the Commonwealth of Australia, with the advice of the Federal Executive Council, in pursuance of the power conferred by the Seat of Government Acceptance Act 1909-38 and the Seat of Government (Administration) Act 1910-47, as follows:

1. This Ordinance may be cited as the Australian National University (Lands) Ordinance 1953.*

2. The execution by or on behalf of the Commonwealth of an agreement in accordance with the form contained in the Schedule to this Ordinance and of a lease in accordance with the form contained in the Second Annex to the form of the agreement is hereby authorized.

3. No rates or taxes shall be levied under a law of the Territory upon the land in respect of which a lease is executed in pursuance of this Ordinance.

The Schedule

FORM OF AGREEMENT

This Agreement is made the day of  
One Thousand nine hundred and fifty-three between the  
COMMONWEALTH OF AUSTRALIA (hereinafter referred to as 'the Commonwealth') of the one part and THE AUSTRALIAN NATIONAL UNIVERSITY (hereinafter referred to as 'the University') of the other part:

WHEREAS in conformity with governmental plans of the layout of the city of Canberra, in the Australian Capital Territory, and its environs, a site has been reserved for a University:

AND WHEREAS by the Australian National University Act 1946-1947 of the Commonwealth provision has been made for the establishment at Canberra of a University by the name of The Australian National University:

* Notified in the Commonwealth Gazette on 12 February 1953.
AND WHEREAS the Governor-General, in exercise of the powers conferred upon him by the said Act, duly established an Interim Council of the University, and the Interim Council, in pursuance of that Act, arranged for the development and general lay-out of the abovementioned site for University purposes and also arranged for the erection of extensive buildings on the site:

AND WHEREAS by virtue of the said Act the Council of the University was duly constituted and appointed on the first day of July, 1951, and the Interim Council thereupon ceased to exist:

AND WHEREAS the site has now been permanently defined and it is desirable that provision be made for vesting it in the University:

AND WHEREAS agreement has been reached between the Minister and the University with respect to the following matters concerning the site, namely, the relinquishment of possession by the Commonwealth of buildings occupied by it, the rentals of such buildings whilst so occupied, the termination of existing tenancies of other buildings, the maintenance of roads and care of grounds, the supply of services, and the development of portion now used as a racecourse, and such agreement was recorded in a letter dated the first day of August, 1950, from the Chairman of the Interim Council to the Minister, a letter dated the twenty-seventh day of February, 1952, from the Vice-Chancellor of the University to the Minister, and a letter dated the eighteenth day of April, 1952, from the Minister to the Vice-Chancellor of the University:

NOW THEREFORE IT IS HEREBY AGREED between the Commonwealth and the University as follows:

1. The site for University purposes shall be as described in the First Annex hereto.

2. FORTHWITH after the execution of this Agreement, the Commonwealth will grant to the University a lease of the land described in the First Annex hereto, in accordance with the form contained in the Second Annex hereto.

3. The University will, before the erection of any building proposed to be erected on the site, refer to the Minister for his consideration a plan of the building, together with a description in writing of its purpose type and intended position on the site, and will not erect the building, or permit it to be erected, on the site, without the approval of the Minister first obtained in writing.

4. If those parts of the following public roads, namely Lennox Crossing, Liversidge Street and Balmain Crescent,
which are bounded on both sides by two of the pieces or parcels of the land described in the First Annex hereto, being the parts of those roads which are indicated by brown colour on the plan referred to in the Second Annex hereto, shall at any time be no longer required for public purposes, they will thereupon be granted by the Commonwealth to the University for the same estate, and upon the same terms and conditions, as are set out in the form of lease contained in the Second Annex hereto.

5. In this Agreement the expression 'Minister' means the Minister of State of the Commonwealth for the time being administering the *Australian National University (Lands) Ordinance* 1953, including any amendments thereof or any statute or ordinance substituted therefor, or the member of the Executive Council of the Commonwealth for the time being performing the duties of such Minister, and shall include the authority or person for the time being authorized by the Minister, or by law, to exercise the powers and functions of the Minister under the said Ordinance, including any amendments thereof or any statute or ordinance substituted therefor.

In witness whereof this Agreement has been executed on the day and year first hereinbefore mentioned by the Minister of State of the Commonwealth of Australia for the Interior and by the University.

Signed by the Honourable WILFRED SELWYN KENT HUGHES Minister of State of the Commonwealth of Australia for the Interior in the presence of—

The common seal of The Australian National University was, by direction of the Council of the University, hereunto duly affixed by the Registrar in the presence of the Vice-Chancellor, whose signatures are set opposite hereto.

**First Annex**

**DESCRIPTION OF THE SITE FOR UNIVERSITY PURPOSES**

All those pieces or parcels of land situated in the Australian Capital Territory containing an area of 204 acres 1½ perches or thereabouts being Sections 14, 34, 35 and 39 of the Division of Acton Canberra City District
ORDINANCE

Australian Capital Territory as delineated on Subdivisional Plan Number 331 in the office of the Registrar of Titles at Canberra in the said Territory.

Second Annex

LEASE

Commonwealth of Australia

AUSTRALIAN CAPITAL TERRITORY

The Australian National University (Lands) Ordinance 1953

LEASE granted pursuant to the Australian National University (Lands) Ordinance 1953 on the day of One thousand nine hundred and fifty-three whereby the COMMONWEALTH OF AUSTRALIA (hereinafter referred to as 'the Commonwealth') GRANTS ALL THOSE PIECES OR PARCELS OF LAND SITUATED IN THE AUSTRALIAN CAPITAL TERRITORY containting an area of 204 acres 1½ perches or thereabouts being Sections 14, 34, 35 and 39 of the Division of Acton Canberra City District Australian Capital Territory, as delineated on Subdivisional Plan Number 331 in the Office of the Registrar of Titles at Canberra in the said Territory and being the land shown by pink colour on the plan attached hereto, to THE AUSTRALIAN NATIONAL UNIVERSITY constituted under the Australian National University Act 1946-1947 (hereinafter referred to as 'the University') TO HOLD unto the University in perpetuity for University purposes only YIELDING AND PAYING THEREFOR RENT at the rate of one shilling per annum if and when demanded, PROVIDED NEVERTHELESS that the Commonwealth hereby reserves to itself all mines metals (including royal metals) ores of metals minerals (including coal shale and mineral oils) mineral substances (including stone clay gravel and sand) precious stones and precious earths together with all incidental rights of mining for working winning excavating digging taking and removing them or any of them or authorizing such mining working winning excavation digging taking and removing:

THE UNIVERSITY COVENANTS with the Commonwealth that the land hereby leased shall be used for University purposes only.

IN WITNESS whereof this Lease has been executed on the day and year first hereinbefore mentioned by the Minister of State of the Commonwealth of Australia for the Interior and by the University.

Signed sealed and delivered by the
Honourable WILFRED SELWYN KENT
Hughes the Minister of State of the
Commonwealth of Australia for the
Interior in the presence of—

The Common Seal of The Australian National University was, by direction of the Council of the University, hereunto duly affixed by the Registrar in the presence of the Vice-Chancellor, whose signatures are set opposite hereto.

[Plan showing in pink the demised land and in brown the parts of the public roads referred to in clause 4 of this Agreement.]
FORM OF ARRANGEMENT BETWEEN THE
COMMONWEALTH AND THE UNIVERSITY
FOR THE TRANSFER OF THE OBSERVATORY

This Arrangement is made the third day of January One thousand nine hundred and fifty-seven Between The Com-
monwealth of Australia of the one part and The Australian National University of the other part: Whereas—

(a) by the Mount Stromlo Observatory Act 1956 provision has been made for the transfer of the administration of the Observatory at Mount Stromlo in the Australian Capital Territory to the University;

(b) the Minister of State for the Interior, being the Minister adminis-
tering the Act, is by subsection (1.) of section 5 of the Act empowered, on behalf of the Commonwealth, to enter into an arrangement with the University for and in relation to the said transfer; and

(c) the Minister and the University have agreed to the said transfer upon the terms and conditions contained in this arrangement:

Now Therefore It Is Mutually Arranged between the Com-
monwealth and the University as follows:

1. In this arrangement, unless the contrary intention appears—
   'the Act' means the Mount Stromlo Observatory Act 1956;
   'the Commonwealth' means the Commonwealth of Australia;
   'the Observatory' means the Observatory at Mount Stromlo in the Australian Capital Territory;
   'the transfer date' means the third day of January, 1957; and
   'the University' means the Australian National University established and incorporated under The Australian National University Act 1946-1947.

2. The administration of the Observatory will on the transfer date pass from the Commonwealth to the University.

3. The Commonwealth will bring into operation section 3 of the Act at the earliest practicable date after the transfer date.

4. (1) As soon as practicable after the execution of this arrangement but not later than three months after the transfer date the Common-
wealth will grant to the University, at a nominal rent, a lease in perpetuity of the land owned by the Commonwealth which is required for the pur-
poses of the Observatory.

   (2) During the period on and from the transfer date until the execution of the lease referred to in the last preceding sub-clause, the University will be entitled to occupy the land used for the purposes of the Observatory immediately prior to the transfer date.

5. The Commonwealth will ensure that the land which is within the area bounded by the Cotter Road, a meridian line one mile to the west of the Stromlo Trigonometrical Station, the Uriarra Road and a meridian line three-quarters of a mile to the east of the Stromlo Trigonometrical Station and which is on the execution of this arrangement partly leased for grazing purposes and partly used for forestry purposes (other than such of the land as is included in the lease referred to in the last
preceding clause) will not be used for any purpose other than the aforesaid purposes which, or in any way which, is injurious or prejudicial to the operation of the Observatory or the use by the University of the land comprised in the said lease.

6. All the right title and interest of the Commonwealth in and to the equipment and other property set out in The Schedule to this arrangement will on the transfer date be vested in the University.

7. Goods for use at and for the purposes of the Observatory ordered by the Commonwealth and not delivered prior to the execution of this arrangement or ordered by the Commonwealth after the execution of this arrangement will, on the transfer date or on delivery to the Observatory, whichever is the later, become the property of the University for use in connexion with the Observatory.

8. Payments requiring to be made in the financial year ending the thirtieth day of June 1957 in respect of the equipment and other property and the goods referred to in clauses 6 and 7 of this arrangement and in respect of the provision of services at and to the Observatory ordered by the Commonwealth will be met by the Commonwealth out of, but only to the limits of, the appropriation available to the Commonwealth for the relevant purpose in the said financial year.

9. Except as provided in the last preceding clause, the University will, on and after the transfer date, assume the obligations and liabilities of the Commonwealth in respect of the equipment and other property and the goods referred to in clauses 6 and 7 of this arrangement and in respect of services provided to the Observatory.

10. The University undertakes that it will—
(a) offer to the persons employed by the Commonwealth at and in connexion with the Observatory at the date of this arrangement employment with the University on and from the transfer date; and
(b) employ the persons who elect to transfer to the employment of the University at rates of pay not less than and on conditions of employment not generally less favourable that the rates and conditions applicable to those persons in their service with the Commonwealth.

11. The University further undertakes that it will—
(a) Continue to operate the Observatory, carrying out the functions of the Observatory at the date of this arrangement, including the Time Service but not including the Ionospheric Prediction Service;
(b) use only for the purposes of the Observatory the moneys and investments paid or transferred to the University under sub-section (2) of section 3 of the Act and any moneys received in respect of those investments and of any investments representing the moneys so transferred.

The Schedule

EQUIPMENT AND OTHER PROPERTY

A. All—
(a) scientific equipment (fixed and unfixed and including telescopes);
(b) fixed plant and machinery;
(c) loose plant and tools;
(d) office furniture and equipment;
(e) groundsmen's cleaners' and miscellaneous equipment; and
(f) stores,
situated at the Observatory at the date of this arrangement and used or acquired for the purposes of the Observatory, but not including items of a description aforesaid which are used, or have been acquired, solely for the purposes of the Ionospheric Prediction Service.

B. The furniture, furnishings and equipment of the residential buildings known as the Staff Cottage and the Bachelors' Quarters.

C. Any furniture, furnishing and other chattels owned by the Commonwealth in the residence at the Observatory.

In Witness whereof this arrangement has been executed on the day and year first mentioned by the Minister and by the University.

Signed by the Honourable Allen Fairhall the Minister of State for the Interior of the Commonwealth of Australia for and on behalf of the Commonwealth in the presence of—

The Common Seal of The Australian National University was by direction of the Vice-Chancellor hereunto duly affixed by the Registrar in the presence of the Vice-Chancellor, whose signatures are set opposite hereto.

LEASE

Commonwealth of Australia

Mount Stromlo Observatory Act, 1956

AUSTRALIAN CAPITAL TERRITORY

Lease granted pursuant to the Mount Stromlo Observatory Act 1956 on the third day of April One Thousand nine hundred and fifty-seven whereby the Commonwealth of Australia (hereinafter referred to as 'the lessor') grants to The National University constituted under the Australian National University Act 1946-1947 (hereinafter referred to as 'the lessee') all those pieces or parcels of land situated in the Australian Capital Territory being Blocks 38 and 55 District of Stromlo in the said Territory and containing an area of 200 acres 2 roods or thereabouts and 1 rood 211/2 perches or thereabouts respectively as delineated on Subdivisional Plan Number 582 in the Office of the Registrar of Titles at Canberra in the said Territory and being the land shown edged red on the plan attached hereto but excluding all that piece of land containing an area of 441/2 perches or thereabouts delineated and coloured blue on the attached plan and reserving unto the lessor all mines metal (including royal metals) ores of metals minerals (including coal shale and mineral oils) mineral substances (including stone clay gravel and sand) precious stones and precious earths together with all incidental rights of mining for working winning excavating digging taking and removing them or any of them or of authorising such mining working winning excavating digging taking or removing and also reserving unto the lessor full and free right and liberty to and for the lessor and its servants agents contractors
and workmen at all times hereafter during the continuance of this lease to enter in and upon the land described in the First Schedule to this lease and to clear the same and to keep it clear of obstructions trees brush or undergrowth and to dig excavate join erect and otherwise construct (whether as an aerial line or an underground cable line) thereon thereunder or thereover an electric power line or lines and to use such electric power line or lines for the purpose of conveying electric power of such voltage power or frequency as the lessor may require also to replace re-site repair renew preserve and otherwise maintain the said electric power line or lines or any part thereof or any equipment thereof or ancillary thereto and also to go pass and repass for all the purposes aforesaid either with or without horses or other animals carts or other carriages or construction machinery through over and along the land comprised in the said First Schedule and also further reserving unto the lessor the full and free right and liberty to and for the said lessor and its servants agents contractors and workmen and visitors to go pass and repass at all times hereafter during the continuance of this lease and for all purposes and either with or without horses or other animals carts or other carriages or construction machinery into and out of and from the said land or any part thereof through over and along the land described in the Second Schedule to this lease to hold unto the lessee in perpetuity to be used by the lessee for the purposes of an Observatory only yielding and paying therefor rent at the rate of One shilling per annum if and when demanded and together with full and free right and liberty to and for the lessee its servants agents contractors and workmen at all times hereafter during the continuance of this lease to enter in and upon the several pieces of land described in the Third Schedule to this lease and to clear the same of obstructions and to dig cut and excavate the same and to lay pipes and construct septic tanks thereon or thereunder also to use such pipes and septic tanks for the purposes of the disposal of sewerage effluent also to cleanse repair alter cut off or remove any pipes or septic tanks or parts thereof so laid placed or constructed and replace them with others and also to go pass and repass for all the purposes aforesaid either with or without horses or other animals carts or other carriages or construction machinery through over and along the said land and the lessee covenants with the lessor that the land hereby leased shall be used for the purpose of an Observatory only.

FIRST SCHEDULE
All that piece of land coloured green and marked as Easement F on the plan attached hereto and delineated by reference to a centre line and having boundaries distant twentyfive feet on either side of the said centre line along its length.

SECOND SCHEDULE
All that piece of land delineated and coloured brown on the plan attached hereto and therein marked as Easement A.

THIRD SCHEDULE
All those pieces of land delineated and coloured yellow on the plan attached hereto and therein marked as Easements B, C, D and E respectively.

In witness whereof this lease has been executed by the Minister of State of the Commonwealth of Australia for the Interior and the Common Seal of the lessee was hereunto affixed the day and year first hereinbefore mentioned.
ARRANGEMENT

Signed sealed and delivered by the
Honourable Allen Fairhall the
Minister of State of the Common-
wealth of Australia for the Interior
in the presence of—

The Common Seal of The Australian
National University was, by direc-
tion of the Vice-Chancellor of the
University, hereto, duly affixed by
the Registrar in the presence of the
Vice-Chancellor, whose signatures
are set opposite hereto.

[Plan showing all the pieces of land referred to in this Agreement.]
Interpretation Statute


2. (1) Where a Statute provides for empowering an authority or officer of the University to make by-laws, rules or orders, then unless the contrary intention appears expressions used in any such by-law, rule or order shall have the same meaning as in the Act or in the Statute.

(2) This Statute applies to by-laws, rules and orders made under Statutes in like manner as it applies to Statutes.

3. In a Statute, unless the contrary intention appears—

'Director' means the Director of a Research School in the University;
'the Act' means the Australian National University Act 1946-1947;
'the Rules' means the Rules made in pursuance of the Statute, and 'the By-laws' or 'the Orders' has a corresponding meaning.

4. In a Statute, unless the contrary intention appears, references to an authority, officer or office shall be construed as references to that authority, officer or office in and of the University.

5. In a Statute, rule, by-law, order or other document of the University, a Statute may be cited by its title or by its number, and a reference to a Statute by its number or title shall be construed as a reference to that Statute as amended from time to time.

Elections (Members of Council) Statute

1. Subject to this Statute, the Council may make Rules with respect to the method of election of members of the Council—

(a) by Convocation;
(b) to represent the students of the University;
(c) to represent the professorial and teaching staff of the University,

and with respect to the tenure of office of the members elected, and the elections shall be conducted in accordance with the Rules.

2. Every election referred to in this Statute shall be conducted by the Registrar, who shall be the Returning Officer, and his decision

1 Made by the Council on 13 October 1950; approved by the Governor-General on 16 November 1950; operative from 22 November 1950.
2 Made 13 October 1950; approved 16 November 1950; operative from 22 November 1950.
on all matters affecting the eligibility of candidates and the conduct and result of an election shall be final.

3. Elections shall be conducted by a method of preferential voting.

4. At an election referred to in this Statute the voting shall be by secret ballot.

5. A candidate for election by a specified class of electors shall be a member of that class.

6. The Rules shall provide for the retirement in rotation of the elected members of the Council.

7. If an elected member of the Council ceases to hold the qualification by virtue of which he was elected his seat shall thereupon become vacant.

8. Co-option of members of the Council may be effected by the resolution of a majority of the members of the Council referred to in sub-section (g) of section 11 of the Act, voting at a meeting summoned for that purpose, and the resolution may determine the period during which a co-opted member shall hold office, and may provide for the retirement in rotation of the co-opted members.

Statute No. 3

Convocation Statute

1. In addition to the persons on whom membership is conferred by the Act, the following persons shall be members of Convocation:

(a) persons who were members of Convocation immediately before the commencement of this section;

(b) the Directors, Professors, Readers, Research Associates, Senior Fellows, Fellows, Senior Research Fellows and Research Fellows;

(c) persons holding honorary or visiting appointments of or above the rank of Research Fellow;

(d) the Master and Fellows of University House;

(e) the Registrar, the Librarian and the Accountant;

(f) the occupants of such other offices as the Council from time to time declares to be senior offices for the purpose of this Statute;

(g) the Chancellor and the Vice-Chancellor or equivalent officers of each of the other Universities in Australia, the Chairman

Sections 1, 2, 3, 4 and 5 of Statute No. 3 were repealed on 13 January 1955 and replaced by Statute No. 18 (Convocation Amendment Statute No. 3), the provisions of which have now been incorporated in the above consolidation.

As amended by Statute No. 22—Convocation Amendment Statute No. 4.
of the Council and the Principal of the Canberra University College and the Warden of the Newcastle University College; and

(h) the Chairman and the Chief Executive Officer of the Commonwealth Scientific and Industrial Research Organization.

2. The Council may, by the vote of an absolute majority, admit as additional members of Convocation persons who, in the opinion of the Council, are specially qualified to advance the interests of the University.

3. (1) Subject to sub-sections (2) and (3) of this section, a person who is or becomes a member of Convocation shall remain a member notwithstanding that he ceases to hold the qualification by virtue of which he became a member.

(2) A Senior Research Fellow or a Research Fellow shall cease to be a member of Convocation if he leaves the service of the University before completing a period of three years' service.

(3) A person who is a member of Convocation by reason of the operation of paragraph (c) of section 1 shall cease to be a member of Convocation if he ceases, otherwise than for the purpose of entering the service of the University, to hold an honorary or visiting appointment before he has held an honorary or visiting appointment for three years.

4. The Council may from time to time make Rules with respect to the functions, meetings and officers of Convocation.

Statute No. 4

Board of Graduate Studies Statute

1. There shall be a Board of Graduate Studies comprising the Vice-Chancellor, the Master of University House, the Directors, the Professors, the Registrar and the Librarian. The Council may, on the advice of the Board, appoint as a member of the Board any person who holds an honorary appointment in the University with a rank not lower than that of Professor.

2. Subject to this Statute, the Board may make Rules with respect to its proceedings and officers.

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1 As amended by Statute No. 22—Convocation Amendment Statute No. 4.
2 Made 13 October 1950; approved 16 November 1950; operative from 22 November 1950.
3 As amended by Statute No. 9—Board of Graduate Studies Amendment Statute No. 1.
4 As amended by Statute No. 16—Board of Graduate Studies Amendment Statute No. 2.
5 Council has approved in principle the drafting of an amendment to provide for the co-option of non-professorial heads of Academic Departments as members.
3. The Board shall be the principal academic body of the University; it shall have the right to advise the Council on any question affecting education, learning or research in the University.

4. The Vice-Chancellor shall be the Chairman of the Board.

5. (1) The Board may, by resolution, delegate all or any of its powers and functions (except this power of delegation) under any Statute, by-law, rule, order or resolution of the Council to any Committee of its members, or to any of its members or to any officer of the University.

   (2) Every delegation under this section shall be revocable by resolution of the Board, and no delegation shall prevent the exercise of any power or function by the Board.

6. The Registrar shall be secretary of the Board.

Statute No. 5

Enrolment, Courses of Research and Degrees Statute

1. The following degrees may be conferred by the University: —
   Master of Arts (M.A.)
   Master of Science (M.Sc.)
   Doctor of Philosophy (Ph.D.)
   Doctor of Letters (Litt.D.)
   Doctor of Science (D.Sc.)
   Doctor of Laws (LL.D.)

2. The Board of Graduate Studies shall from time to time recommend to the Council the making, altering and repeal of Rules with respect to—

   (a) the enrolment of students;
   (b) the requirements of courses of research;
   (c) the granting of degrees, including honorary degrees;
   (d) the granting of fellowships, scholarships and other awards or distinctions;
   (e) the fees to be paid by students and other persons working in the University;
   (f) the discipline of the University.

1 Made 9 March 1951; approved 16 May 1951; operative from 28 June 1951.
Statute No. 6 ¹

Constitution of the Council (Period of Office) Statute

1. The members of the Council first elected under sub-section (2) and (3) of section 11 of the Act and the members first appointed under sub-section (4) of that section shall hold office for a period of two years.

2. The periods of office of the members of the Council first elected under sub-sections (2), (3), (4), (5), (7), and (8) of section 11 of the Act shall commence on the first day of July One thousand nine hundred and fifty-one.

3. Subject to this Statute, the Council may make rules with respect to the period of office of the members of the Council elected under sub-sections (2) and (3) of section 11 of the Act and of the members appointed under sub-section (4) of that section.

4.² A member of the Council, other than the Vice-Chancellor, may resign his seat by notice in writing to the Council delivered to the Registrar.

Statute No. 7 ³

Common Seal Statute

1. The common seal of the University shall be kept in the custody of the Registrar or in such other custody as the Council directs, and shall not be used except upon the order of the Council or as provided by this Statute.

2. The Registrar shall affix the common seal of the University—
   (i) to the certificate or other like document issued to any person as evidence that a degree or diploma has been conferred upon or awarded to him by the University;
   (ii) to each Statute approved by the Council;
   to other documents which are approved by the Council and which are required to be under the common seal of the University.

3. Where a document is required to be under the common seal of the University but the affixing of the seal is not authorized by the last preceding section, the Chancellor or the Vice-Chancellor may

¹ Made 8 June 1951; approved 27 June 1951; operative from 29 June 1951.
² As amended by Statute No. 11—Constitution of the Council (Period of Office) Amendment Statute No. 1.
³ Made 13 April 1951; approved 31 August 1951; operative from 27 September 1951.
direct the Registrar to affix the seal of the University to that document, and at the first opportunity the Chancellor or the Vice-Chancellor as the case may be shall report to the Council the action so taken.

4. The affixing of the common seal of the University to any document shall be attested by the Chancellor or the Vice-Chancellor and by the Registrar.

Statute No. 8

Chancellorship Statute

1. Subject to this Statute the Chancellor shall hold office from the date of his election until 31 July in the fourth year after his election.

2. The Chancellor shall preside at meetings of the Council and on ceremonial occasions at which he is present.

3. The Chancellor may resign his office by notice in writing to the Council delivered to the Registrar.

4. The office of Chancellor shall become vacant if the Chancellor ceases to be a member of the Council.

5. Whenever a Chancellor is elected, and at such other times as are necessary, the Council shall elect one of its members to be Deputy Chairman of the Council. The Deputy Chairman of the Council shall preside at any meeting of the Council at which the Chancellor is not present.

Statute No. 9

Board of Graduate Studies Amendment Statute No. 1

(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 4—Board of Graduate Studies Statute. See p. 73.)

Statute No. 10

Convocation Amendment Statute No. 1

(Repealed on 13 January 1955 and replaced by Statute No. 18. See p. 102.)

Statute No. 11

Constitution of the Council (Period of Office) Amendment Statute No. 1

(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 6—Constitution of the Council (Period of Office) Statute. See p. 75.)

1 Made 28 April 1952; approved 17 January 1953; operative from 11 June 1953.
Vice-Chancellorship Statute

Whereas by section 18 of the Act provision is made for the appointment, on such conditions as the Council determines, of a Vice-Chancellor who shall be the executive officer of the University:

And whereas by sections 11 and 24 of the Act it is provided that the Vice-Chancellor shall ex officio be a member of the Council and the chairman of the Standing Committee of the Council:

And whereas by the Board of Graduate Studies Statute it is provided that the Vice-Chancellor shall be a member and the chairman of the Board:

And whereas it is expedient to make further provision by Statute with respect, amongst other things, to the powers, duties and tenure of office of the Vice-Chancellor:

The Council hereby makes the following Statute:—

1. The Vice-Chancellor has the general oversight of the affairs, is responsible to the Council for the administration, and promotes generally the interests, of the University.

2. The powers and functions of the Vice-Chancellor are exercisable in accordance with the Statutes, with the Rules or other instruments having the force of Statutes, and with the resolutions of the Council.

3. The Vice-Chancellor is ex officio a member of all boards and committees within the University.

4. The Council may by order at the time of appointing a Vice-Chancellor fix the period of his appointment.

Faculty and Faculty Boards Statute

1. There shall be a Faculty of Social Sciences and a Faculty of Pacific Studies.

2. Each Faculty shall comprise the Professors, Readers, Research Associates, Senior Fellows and Fellows of the appropriate Research School, and such other members of the staff of the University as the Faculty may by the vote of an absolute majority of all the members of the Faculty from time to time co-opt.

3. There shall be a Faculty Board of each Faculty, each such Board comprising the Heads of Departments and Readers of the

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1 Made 27 April 1953; approved 7 August 1953; operative from 31 August 1953.
2 Made 9 October 1953; approved 19 January 1954; operative from 4 February 1954.
appropriate Research Schools: provided that the Faculties may by
resolution of a joint meeting elect, in addition to, or in place of
Faculty Boards, a Board of the Joint Faculties, comprising the Heads
of Departments and Readers of both Schools.

4. The Chairman of each Faculty or Faculty Board shall be the
Director or Dean of the appropriate Research School. In the absence
of the Chairman from any meeting the members present shall elect
one of their number to preside at that meeting.

5. Each Faculty and each Faculty Board shall meet at least once
in each term. Meetings shall be convened by the Registrar at the
request of the Chairman or the Vice-Chancellor or of four members
of the Faculty or Board.

6. Each Faculty and Faculty Board may, subject to the Statutes
and Rules, regulate its proceedings by resolution.

7. Each Faculty may, through the appropriate Faculty Board,
advise the Board of Graduate Studies, and through the Board of
Graduate Studies the Council, on any academic matter, except the
admission of particular persons to degrees or the appointment of
particular persons to offices in the University.

8. Each Faculty Board may, either on its own or on the appro­
priate Faculty's initiative, advise the Board of Graduate Studies, and
through the Board of Graduate Studies the Council on any academic
matter. Subject to the Statutes and Rules, and to the directions of
the Council and the Board of Graduate Studies, the Faculty Board
shall recommend admissions to degrees and the making of appoint­
ments, and shall conduct the academic business of the appropriate
School. For these purposes the Faculty Board may refer any ques­
tion for the consideration of the appropriate Faculty and may
appoint committees of members.

9. Each Faculty and Faculty Board shall report to the Board of
Graduate Studies or to the Council on any question submitted to it
by those bodies: provided that any such report to the Council shall
be submitted through the Board of Graduate Studies.

10. At each meeting of a Faculty the Chairman shall report on
such matters dealt with since the previous meeting of the Faculty
as are in the competence of the Faculty. At each meeting of the
Board of Graduate Studies, the Chairman of each Faculty shall
report on matters dealt with by the Faculty and the appropriate
Faculty Board.

11. The Faculties and the Faculty Boards shall make arrange­
ments for dealing with matters of joint concern to the two Schools.
For this purpose, joint meetings of the Faculties and Faculty Boards
may be convened and joint ad hoc committees appointed.

12. Subject to this Statute the Council may make Rules with
respect to the establishment, membership, powers, functions, officers and proceedings of the Faculties.

13. Each Faculty may by resolution delegate any of its powers except this power of delegation to any committee of its members or to any officer of the University. Each such delegation shall be revocable by resolution of the Faculty, and no delegation shall prevent the exercise of any power or function by the Faculty.

14. The Registrar shall be Secretary of each Faculty and Faculty Board.

15. The proceedings of each Faculty and Faculty Board shall be recorded in a minute book.

Statute No. 14¹

Staff Superannuation Statute

Part I—Interpretation

1. In this Statute, unless the contrary intention appears—
   ‘approved life office’ or ‘life office’ means a company or society specified in the Schedule to this Statute;
   ‘dependant’, in relation to a member, means—
      (a) the wife, husband, widow, widower or child of the member, whether in fact dependent on him or not; and
      (b) any other member of the family of the member who, in the opinion of the Council is substantially dependent upon the member;
   ‘designated beneficiary’, in relation to a member, means a person or persons for the time being nominated by the member, in a form approved by the Council, to succeed to benefits under the Scheme after the death of the member;
   ‘endowment assurance policy’ means a policy of assurance on the life of a member which provides for payment of the sum assured—
      (a) on the maturity of the policy; or
      (b) subject to the policy conditions, on the death of the member occurring before the maturity date;
   ‘member’ means a member of the Scheme;
   ‘pension date’, in relation to a member, means the end of

the secular year in which the member attains the age of sixty years;
'prescribed age', in relation to a member, means his age at the anniversary date of the policy on his life maintained under the Scheme next preceding his sixtieth birthday;
'pure endowment policy' means a policy of assurance on the life of a member which provides for—
(a) the payment of the sum endowed on the maturity date of the policy; and
(b) in the event of the death of the member before the maturity date, the return of the premiums paid in respect of the policy, either with or without interest as provided by the policy;
'salary', in relation to a member, means the annual basic salary paid to the member by the University, and does not include additions to the basic salary on account of cost-of-living adjustments or temporary additions to the basic salary;
'the policy', in relation to a member, means the policy or policies of assurance on the life of the member effected for the purposes of the Scheme or accepted for those purposes;
'the Scheme' means the superannuation scheme established under this Statute.

Part II—Administration

2. The Council is authorized to establish and maintain a Staff Superannuation Scheme in accordance with this Statute.

3.—(i) Administration of the Scheme is vested in the Council.

(2) The Council may, in relation to a matter or class of matters, by resolution, delegate all or any of its powers and functions under this Statute (except this power of delegation) to a member of the Council, to a Committee of members of the Council or to an officer or officers of the University.

(3) A delegation under this section is revocable by resolution of the Council, and no delegation prevents the exercise of a power or function by the Council.

4. The Council shall cause proper accounts and records of the Scheme to be kept.

5. The Council may make agreements with Universities or other educational or research institutions for the setting up of joint machinery to facilitate the transfer of members from a superannuation scheme controlled by one such body to a superannuation scheme controlled by another, and generally in regard to matters affecting the Scheme.
Part III—The Superannuation Scheme

6.—(1) Subject to this section, the following salaried officers and salaried teachers of the University are eligible to be members of the Scheme:

The Vice-Chancellor;
Full-time Members of the Academic Staff;
The holders of offices determined by the Council to be full-time senior administrative offices;
The Librarian;
Laboratory Managers;
Such other officers and teachers as the Vice-Chancellor determines.

(2) A person is not eligible to be a member while he is a contributor under the Superannuation Act 1922-1957.

(3) Except where the Council otherwise directs, a person is not eligible to become a member if he has attained the age of fifty-five years.

7.—(1) A person becomes a member when, upon application in accordance with a form approved by the Council, the Council causes his name to be enrolled as a member.

(2) A person remains a member while he continues to be eligible to be a member and continues to be liable to make contributions under this Statute.

8.—(1) A person who is appointed or re-appointed, after the commencement of this Statute, for a term of not less than three years, as an officer or teacher referred to in sub-section (1) of Section 6 and who is otherwise eligible to be a member shall, subject to Section 8a or Section 8b of this Statute as the case may require, agree, in the manner and terms required by the Council, as a condition of his appointment or re-appointment, to become and remain a member, or to remain a member, as the case may require.

(2) The Council may, in special circumstances, exempt a person from the requirements of this section.

8a. Where a person appointed or re-appointed as a full-time member of the academic staff—

(a) would, but for this section, be both eligible and required to become a member of the Scheme;

(b) is a contributor under the Superannuation Act 1922-1957; and

(c) informs the Council prior to his appointment or re-appointment that he prefers to continue as a contributor under that Act,

he shall not be required to become a member unless and until he ceases to be such a contributor.
8b. Where a person appointed or re-appointed as an officer or teacher but not as a full-time member of the academic staff—

(a) is not a member of the Scheme but would, save for this section, be both eligible and required to become a member; and

(b) informs the Council prior to his appointment or re-appointment that he prefers to become, or to continue as, a contributor under the *Superannuation Act 1922-1957*,

he shall not be required to become a member until the expiration of three months after the date on which his appointment or re-appointment takes effect. If at the expiration of that period he is a contributor under that Act, he shall not be required to become a member unless and until he ceases to be such a contributor.

### Part IV—Assurance Policy Benefits

9.—(1) When a person becomes a member he shall effect with an approved life office an endowment assurance policy on his life, or, if he is not less than fifty years of age or has an unassurable life, a pure endowment policy, for such amount as, having regard to his age, is obtainable at an annual premium equal to the contributions payable by the University and himself as provided in this Statute in respect of his salary at the time when he becomes a member.

(2) The policy shall be expressed to mature at the member's prescribed age, and the member has a discretion to determine whether the policy shall or shall not provide for participation in any surplus that may be distributed by the life office from time to time by way of reversionary additions to the sums assured under participating policies.

(3) In the case of a person who, when he becomes a member, is not less than fifty years of age or has an unassurable life, he may elect that, in lieu of the effecting of a policy on his life, the contributions under section eleven of this Statute in respect of him shall be held and accumulated by the Council with power to invest them in securities authorized by law for the investment of trust funds.

(4) Where a member has made an election under the last preceding sub-section, the moneys held by the Council and any securities representing any such moneys, together with the income from those moneys or securities, shall, for the purpose of this Statute, be treated as nearly as possible as if they were a life assurance policy effected on the life of the member for the purposes of this Statute.
10.—(1) The Council may agree to accept for the purposes of the Scheme an existing policy of assurance on the life of a member in lieu of the policy required to be effected under the last preceding section, if the policy is transferred in statutory form to the University and at the date of the transfer is not encumbered.

(2) This section does not apply to an existing policy unless—

(a) the conditions of the policy are in accordance with the requirements of this Statute as to policies for the purposes of the Scheme; or

(b) the policy has been accepted for the purposes of the Federated Superannuation System for Universities (Great Britain).

11.—(1) Subject to the next succeeding section, a member shall contribute five per centum of his salary and the University shall contribute annually a sum equal to ten per centum of the member's salary.

(2) Contributions under this section shall continue until the maturity date of the policy or the date on which the member ceases to be in the full-time service of the University (whichever is the earlier) but if the member continues in the service of the University after his pension date, contributions under this section shall continue until the member reaches the age of sixty-five years or ceases to be in the service of the University, whichever first happens.

(3) The contributions under this section shall, except as otherwise provided in this Statute, be applied by the Council in payment of the yearly premium on the policy.

(4) The University may deduct from payments of salary to the member the amounts necessary to meet the member's contributions under this section until the maturity date of the policy.

(5) The Council may pay a premium upon the policy in anticipation of contributions by the member or the University, or in default of contributions by the member.

12.—(1) If, after the policy has been effected, the salary of a member is increased or reduced, the contributions under the last preceding section shall not be increased or reduced unless and until the rate of the increased salary is greater or less, by more than twenty-five pounds per annum, than the rate of salary upon which those contributions are being made for the time being.

(2) Where, by reason of a change in salary, the contributions in respect of a member are increased or reduced, the sum assured under the policy shall be appropriately adjusted.
(3) If a member is absent from the service of the University, with or without remuneration from the University—
(a) he shall pay his contributions for the period of his absence unless the Council, in its discretion, agrees to pay those contributions; and
(b) the Council may determine, in its discretion, whether the University or the member shall pay the University's contributions for that period and those contributions shall be paid accordingly.

13. Where the premiums upon a policy which is proposed to be accepted for the purposes of the Scheme are payable in sterling currency, the Council may make an arrangement with the member with respect to payment of the exchange upon those premiums and for the variation of the rights of the member under this Statute in consequence of the arrangement, and in any such case this Statute operates subject to the terms of the arrangement.

14.—(1) A policy effected for the purposes of the Scheme shall be either in the name of the University or in the name of the member and in the latter case it shall be assigned in statutory form by the member to the University.
(2) The member shall arrange for the policy to be delivered by the life office to the University.
(3) The University shall retain possession of the policy, but will make it available for inspection by the member at any reasonable time.

15.—(1) A member shall not, without the consent in writing of the Council, assign, either absolutely or as security, or charge his interest or any part of his interest in the policy.
(2) If a member—
(a) becomes bankrupt or, without the consent in writing of the Council, assigns or charges or attempts to assign or charge his interest or any part of his interest in the policy or does or suffers anything by which his interest in the policy, or any part of that interest, would or might, through his act or default or by operation or process of law, become vested in or payable to any other person; or
(b) becomes a lunatic or is in the opinion of the Council incapable of managing his own affairs, the rights and interests of the member in the policy forthwith determine and the Council may surrender the policy, or continue the policy for the time being and surrender it later, or continue it until maturity or the prior death of the member.
(3) Any moneys representing the member's rights and interests so determined which are received by the Council,
whether upon surrender or at maturity of the policy or on the death of the member, shall, at the option of the Council, be—

(a) applied towards the maintenance or benefit of the member or his dependants or of such one or more of them as the Council, in its discretion, thinks fit;

(b) paid in any of the ways mentioned in section seventeen of this Statute; or

(c) paid into the Supplementary Superannuation Benefits Fund established under Part V.

16. The University has a lien or charge upon the policy in respect of a member and the moneys payable under the policy for all moneys owing by the member in pursuance of this Statute and for premiums paid in anticipation of contributions, or in default of contributions by a member, and not recouped.

17.—(1) If a member dies while in the full-time service of the University before the policy matures, the University shall receive payment of the moneys payable under the policy from the life office and, subject to sections fifteen and sixteen of this Statute and to the next succeeding sub-section, shall pay those moneys, or the balance of those moneys, as the case may be—

(a) to the designated beneficiary;

(b) if there is no designated beneficiary—to a dependant or dependants of the member as determined by the Council in its absolute discretion; or

(c) if there is no designated beneficiary and no dependant—

(i) to the executor or administrator to whom probate of the will or letters of administration of the estate of the member has or have been granted; or

(ii) where, after a period considered by the Council to be reasonable, there is no such executor or administrator—to the next of kin of the member or as the Council, in its absolute discretion, determines.

(2) Where a member who is an eligible member for the purposes of Part V dies leaving—

(a) a widow who is, or is deemed to be, the designated beneficiary in relation to the member; or

(b) a widower who is, or is deemed to be, the designated beneficiary in relation to the member and was dependent on the eligible member at the date of her death, the University shall pay the moneys, or the balance of the moneys, referred to in the last preceding sub-section to the Supplementary Superannuation Benefits Fund established under Part V of this Statute.
18.—(1) If the policy matures while the member is in the full-time service of the University, the University shall receive payment of the moneys payable under the policy from the life office and, subject to sections fifteen and sixteen of this Statute and to this section, the University shall pay those moneys to the member on the pension date applicable to him.

(2) If the member dies before the pension date, the Council shall pay the moneys in the manner provided in the last preceding section.

(3) If the Council thinks fit, the University may, in lieu of paying to the member moneys referred to in this section, use those moneys in the purchase of an annuity payable to the member during his life-time.

(4) If the member continues in the full-time service of the University after his pension date, the moneys payable under the policy which would otherwise be payable to the member, together with contributions by and in respect of the member under section eleven of this Statute made after the maturity of the policy, shall be invested by the Council in securities authorized by law for the investment of trust moneys, and the securities shall be held until the member ceases, by death or retirement, to be in the service of the University, whereupon the securities shall be realized and the proceeds, together with any income received from the investments, shall—

(a) in the case of death—be paid in the manner specified in the last preceding section; or

(b) in the case of retirement—be paid to the member or used in the purchase of an annuity payable to the member during his life-time.

(5) A payment of moneys under this section shall not be made—

(a) to, or for the purchase of an annuity payable to, a member who is an eligible member for the purposes of Part V; or

(b) where a member who is an eligible member for the purposes of Part V dies leaving a widow or widower who is, or is deemed to be, the designated beneficiary in relation to the member—to the widow or widower, but those moneys shall be paid to the Supplementary Superannuation Benefits Fund established under Part V of this Statute.

19.—(1) If a member resigns from the full-time service of the University before attaining his prescribed age and his resignation is accepted by the Council, the Council shall, subject to sections fifteen and sixteen of this Statute, transfer
the policy to the member or according to his discretion, and
the transfer shall be in full settlement of all claims of the
member under this Scheme.

(2) The provisions of this section extend to the case of a
member whose appointment expires by effluxion of time
before he attains his prescribed age and who is not forthwith
appointed or re-appointed to an office by virtue of holding
which he is eligible to continue to be a member of the Scheme.

20. If a member is dismissed from the full-time service of
the University before he attains his prescribed age, the Council
may deal with the policy or the policy moneys as it thinks
just.

21. If a member becomes a contributor under the Super­
anuation Act 1922-1957, the policy shall be dealt with in such
manner as the Council, in its discretion, determines.

Part V—Supplementary Superannuation Benefits

22. In this Part, unless the contrary intention appears—
'annuity', in respect of a member, means—

(a) in the case of an unmarried member—an annuity
for the member for his life; or

(b) in the case of a married member—an annuity
for the member for his life and, after his death,
for his widow (if any) for her life at half the
initial rate;

'child', in relation to a deceased former member, means—

(a) a child of the former member and the widow or
widower;

(b) a posthumous child of the former member born
to his widow; or

(c) any other child who was dependent on the
deceased former member at the date of death;

'election period' means the period within which a
member is required to make an election referred to in
this Part;

'incapacity', in relation to a member, means physical or
mental incapacity to perform the duties reasonably re­
quired of him by the Council;

'promotion' means promotion to an office and 'promote'
has a corresponding meaning;

'retirement' means retirement from the full-time service
of the University and 'retired' has a corresponding
meaning;
Pensions appropriate to certain offices

23.—(1) For the purposes of this Part, the appropriate pension in respect of an office specified in the following table is a pension at the rate per annum specified in that table opposite to that office.

<table>
<thead>
<tr>
<th>Office</th>
<th>Rate per annum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>£1,638</td>
</tr>
<tr>
<td>Reader</td>
<td>£1,547</td>
</tr>
<tr>
<td>Senior Fellow</td>
<td>£1,501</td>
</tr>
<tr>
<td>Fellow</td>
<td>£1,274</td>
</tr>
</tbody>
</table>

(2) Subject to this section, the appropriate pension, for the purposes of this Part, in relation to an eligible member who holds on retirement an office specified in the last preceding sub-section is the appropriate pension in respect of that office.

(3) If a member referred to in the last preceding sub-section has, on retirement, less than forty years' university service (whether continuous or otherwise), the rate per annum of the appropriate pension in relation to him is reduced—

(a) by Sixteen pounds for each complete year by which his university service is less than forty years or by One hundred and sixty pounds, which ever is the less; and

(b) by the amount specified in the following table opposite
to his office for each complete year, if any, by which
his university service is less than thirty years:

<table>
<thead>
<tr>
<th>Office</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>£48</td>
</tr>
<tr>
<td>Reader</td>
<td>£40</td>
</tr>
<tr>
<td>Senior Fellow</td>
<td>£40</td>
</tr>
<tr>
<td>Fellow</td>
<td>£32</td>
</tr>
</tbody>
</table>

(4) For the purposes of this Part, the Rules may prescribe
the appropriate pension in respect of an office, other than an
office referred to in sub-section (1) of this section, held by an
eligible member.

(5) Subject to this section, the appropriate pension, for the
purposes of this Part, in relation to an eligible member who
holds on retirement an office in respect of which an appro­
priate pension is prescribed in the Rules is the appropriate
pension so specified.

(6) Where an eligible member makes, or is deemed to have
made, under sub-section (1) of section twenty-five of this
Statute, after a promotion referred to in that sub-section, an
election to continue to be an eligible member entitled to sup­
lementary benefits as if he held the office that he held
immediately before he was promoted, the eligible member
shall, for the purposes of this section, be deemed to hold the
office that the member held immediately before he was
promoted.

(7) If—

(a) a member has received, in respect of any of his univer­
sity service other than his service with the University,
a payment or benefit that is similar to, or of the same
type as, a benefit payable under this Statute; or

(b) a member who, having taken the transfer of his policy
or received an amount under sub-section (2) of section
thirty-two of this Statute, is restored to health, is again
employed by the University and again becomes an
eligible member,

the rate per annum of the appropriate pension in relation to
the member is reduced by an amount equal to the rate per
annum, or, in the case of a married member, the initial rate
per annum, of the annuity that could, in the opinion of the
actuary, be purchased in respect of the member with an
amount equal to the value that the benefit so received would,
in the opinion of the actuary, have had on the retirement of
the member if it had been invested at the time of receipt.

24.—(1) Each of the following persons is an eligible member
for the purposes of this Part:
9 0  S T A T U T E S

Members eligible for Supplementary Benefits

(a) a member who is a member on the date of commence-

cement of the Amendment Statute;

(b) a member who has not, on the day on which he is en-

rolled as a member, attained the age of forty years; and

(c) a member who has elected to remain, or to become, an

eligible member under sub-section (4) of this section.

(2) If the Council is satisfied that the health or physical
condition of a member who was a member on the date of com-

mencement of the Amendment Statute or a member who had

not, on the day on which he enrolled as a member, attained
the age of forty years, is not such as to justify his remaining
an eligible member without payment by him of contributions
to the Fund, the Council may, within two months after the
commencement of the Amendment Statute or the enrolment
of the member, as the case requires, direct that the member
shall not remain an eligible member unless the member pays
contributions to the Fund in accordance with such conditions
as the Council determines, and the member ceases to be an
eligible member unless he elects to pay contributions in accor-
dance with those conditions.

(3) If a person has become a member by reason of a direc-
tion of the Council under sub-section (3) of section six of this
Statute, the provisions of the last preceding sub-section apply,
mutatis mutandis, to and in relation to the member.

(4) A member who is enrolled as a member after the com-
mencement of the Amendment Statute and has, on the date
on which he is so enrolled, attained the age of forty years may,
if he has obtained the approval of the Council, make, within
twenty-six weeks after the Council has granted the approval,
an election in writing to become an eligible member.

(5) A member ceases to be an eligible member if he be-
comes a contributor under the Superannuation Act 1922-1957.

25.—(1) An eligible member who, having attained the age
of forty years, is promoted after the date of commencement
of the Amendment Statute to an office the appropriate pension
in respect of which is greater than the appropriate pension in
respect of the office that he held immediately before his pro-
motion may, within twenty-six weeks after he is promoted,
make an election in writing—

(a) to contribute for increased supplementary benefits; or

(b) to continue to be an eligible member entitled to sup-

plementary benefits as if he held the office that he held
immediately before he was promoted.
(2) An eligible member who, in respect of one promotion to which the last preceding sub-section applies, does not elect to contribute for increased supplementary benefits does not have the right to make an election under that sub-section in respect of any subsequent promotion.

(3) An eligible member, being an eligible member entitled to elect in pursuance of sub-section (1) of this section, who does not, within the period referred to in that sub-section, elect to contribute for increased supplementary benefits shall be deemed to have elected to continue to be an eligible member entitled to supplementary benefits as if he held the office that he held immediately before he was promoted.

26. A member who is an eligible member by virtue of paragraph (a) or (b) of sub-section (1) of section twenty-four of this Statute is not, unless the Council has otherwise determined in accordance with sub-section (2) or (3) of that section, required to contribute to the Fund.

27. A member who remains an eligible member by virtue of electing to pay contributions in accordance with conditions determined by the Council under sub-section (2) or (3) of section twenty-four of this Statute shall contribute to the Fund in accordance with those conditions.

28.—(1) A member—

(a) who is an eligible member by virtue of paragraph (c) of sub-section (1) of section twenty-four of this Statute; or

(b) who is an eligible member who elects to contribute for increased supplementary benefits in pursuance of paragraph (a) of sub-section (1) of section twenty-five of this Statute,

shall contribute to the Fund in accordance with the succeeding provisions of this section.

(2) There shall be deducted from each fortnightly payment of salary of the member falling due after the date on which the member makes the election, or if, on that date, the member is absent from the service of the University, after the member ceases to be so absent, an amount calculated in accordance with the following formula:

\[
\frac{4}{13} \times \frac{1}{26} \times R
\]

(3) For the purpose of the formula in the last preceding sub-section, R means the amount per annum that, in the opinion of the actuary, is required to be paid into the Fund
after the date of the election to enable supplementary benefits or increased supplementary benefits for and in respect of the member to be provided from the Fund.

29. In determining the value per annum of R referred to in sub-section (3) of section twenty-eight of this Statute—

(a) the actuary shall assume—

(i) that there will be no change in the office held by the member;

(ii) in the case of a member who, when he became a member, effected for the purposes of the Scheme, or had had accepted for those purposes, an assurance policy on his life that does not provide for payment of the whole of the sum assured on the maturity of the policy or on the death of the member occurring before the maturity date—that that policy does so provide; and

(iii) in the case of a member who, when he became a member, elected, under sub-section (3) of section nine of this Statute, that the contributions under section eleven of this Statute in respect of him should be held and accumulated by the Council—that there had been effected on the life of the member, for the purposes of the Scheme, when he became a member, an assurance policy providing for the payment of the whole of the sum assured on the member attaining his prescribed age or on the death of the member before attaining that age for such amount as would, in the opinion of the actuary, have been obtainable at an annual premium equal to those contributions;

(b) the actuary shall take into account any payments which are already required to be made by the Council in respect of the member in pursuance of paragraphs (a), (b) and (c) of sub-section (3) of section forty-one of this Statute.

30. Subject to any arrangement made under section thirty-seven of this Statute, a deduction under this Part shall not be made from a payment of salary falling due—

(a) in any case—while the member is absent from the service of the University;

(b) where the member ceases to be an eligible member—after the member so ceases to be an eligible member; or

(c) where the member continues in office after the supplementary entitlement date—after that date.
31.—(1) Subject to this Part, in the event of the retirement of an eligible member at or after the supplementary entitlement date, he is entitled at his election—

(a) to be paid a pension for his life at a rate per annum equal to the rate per annum of the appropriate pension in relation to the member; or

(b) to take, in lieu of that pension—

(i) an amount equal to the moneys that would, under section eighteen of this Statute, be paid to, or used in purchasing an annuity payable to, the member, if he were not an eligible member; and

(ii) where the rate per annum of that pension exceeds the rate per annum, or, in the case of a married member, the initial rate per annum, of the annuity that could, in the opinion of the actuary, be purchased in respect of the member with the amount referred to in the last preceding sub-paragraph—a pension for his life at a rate per annum equal to the excess.

(2) A member is not entitled to benefits under this section unless he transfers to the University all his rights and interests in the moneys referred to in sub-paragraph (i) of paragraph (b) of the last preceding sub-section.

(3) Subject to this Part, the widow of a former member who dies while in receipt of or entitled to a pension under this section is entitled to be paid a pension for her life, or until her remarriage, at a rate per annum equal to half the rate per annum of the pension of the deceased person.

(4) The widow of a former member who dies while in receipt of, or entitled to the pension referred to in paragraph (a) of sub-section (1) of this section is entitled, in addition to the pension referred to in the last preceding sub-section, to a pension at the rate of Fifty-two pounds per annum in respect of each child in her custody who is under the age of sixteen years, or if the child is attending a school, college or university as a full-time student, twenty-one years.

32.—(1) Subject to this Part, an eligible member who is compulsorily retired because of invalidity or incapacity is entitled to be paid a pension for his life at a rate per annum equal to—

(a) one half of the rate per annum of his salary on retirement; or

(b) the rate per annum of the pension that would be the appropriate pension in relation to the member on his
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statutes

retirement if his university service were increased by the additional service that he would have if he continued in the service of the University until he reached the supplementary entitlement date, whichever is the less.

(2) An eligible member may elect to take in lieu of the pension referred to in the last preceding sub-section—

(a) a transfer of his policy or, if the member so desires, an amount equal to the value, in the opinion of the actuary, of that policy, at the member's retirement; or

(b) where the policy has matured before the retirement of the member—an amount equal to the moneys that would, under section eighteen of this Statute, be paid to, or used for purchasing an annuity payable to, the member if he were not an eligible member, together with, in an appropriate case, a pension for his life at a rate per annum ascertained in accordance with the next succeeding sub-section.

(3) Where the rate per annum of the pension to which a member would be entitled under sub-section (1) of this section exceeds the rate per annum (or, in the case of a married member, the initial rate per annum) of the annuity that could, in the opinion of the actuary, be purchased in respect of a member—

(a) with an amount equal to the value, in the opinion of the actuary, of the policy of the member at his retirement; or

(b) with the moneys referred to in paragraph (b) of the last preceding sub-section, the rate of the pension referred to in the last preceding sub-section is a rate per annum equal to the excess.

(4) A member, other than a member who takes a transfer of his policy in accordance with paragraph (a) of sub-section (2) of this section, is not entitled to benefits under this section unless he transfers to the University all his rights and interests in that policy or the moneys referred to in paragraph (b) of sub-section (2) of this section, as the case may be.

(5) Where the University has a lien or charge on the policy of the member by virtue of section sixteen of this Statute, the member is not entitled to benefits under this section unless he satisfies, or enters into an agreement with the Council to satisfy, that lien or charge.

(6) Subject to this Part, the widow of a former member who dies while in receipt of or entitled to a pension under this section is entitled to be paid a pension for her life, or until her
(7) The widow of a former member who dies while in receipt of or entitled to the pension referred to in sub-section (1) of this section is entitled, in addition to the pension referred to in the last preceding sub-section, to a pension at the rate of Fifty-two pounds per annum in respect of each child in her custody who is under the age of sixteen years, or if the child is attending a school, college or university as a full-time student, twenty-one years.

(8) This section does not apply to a member who is compulsorily retired because of invalidity or incapacity that, in the opinion of the Council, is due to wilful action on the part of the member for the purpose of obtaining a pension under this section.

(9) The Council may, from time to time, suspend the payment, or vary the amount, of pension payable to a former member under this section if it is satisfied, after due enquiry, that—

(a) the invalidity or incapacity of the former member has ceased or substantially altered; and

(b) the suspension or variation, as the case may be, will not cause hardship to the former member.

33.—(1) Subject to this Part, where an eligible member dies leaving a widow who is, or is deemed by virtue of sub-section (4) of this section to be, the designated beneficiary of the member, the widow is entitled, at her election—

(a) to be paid a pension for her life, or until her remarriage, at a rate per annum equal to one half of the rate per annum of the pension to which the member would have been entitled under sub-section (1) of the last preceding section if he had, on the day of his death, been compulsorily retired because of invalidity or incapacity and had satisfied the requirements of sub-sections (4) and (5) of that section; or

(b) to take, in lieu of that pension—

(i) an amount equal to the moneys that would, under section seventeen or eighteen of this Statute, have been paid to the widow, if the member had not been an eligible member; and

(ii) where the rate per annum of that pension exceeds the rate per annum of the annuity that could, in the opinion of the actuary, be purchased for the widow for her life, with the amount referred to in
the last preceding sub-paragraph—a pension for her life, or until her remarriage, at a rate per annum equal to the excess.

(2) A widow who is entitled to be paid the pension referred to in paragraph (a) of the last preceding sub-section is entitled, in addition to that pension, to a pension at the rate of Fifty-two pounds per annum in respect of each child in her custody who is under the age of sixteen years or, if the child is attending a school, college or university as a full-time student, twenty-one years.

(3) The widow of an eligible member is not entitled to benefits under this section unless, in any case where the University has a lien or charge on the policy of the member by virtue of section sixteen of this Statute, she satisfies, or enters into an arrangement with the Council to satisfy, that lien or charge.

(4) If there is no designated beneficiary of an eligible member who dies leaving a widow, the widow shall, for the purposes of this section, be deemed to be the designated beneficiary of the member.

34.—(1) Subject to this Part, where a widow who is in receipt of a pension in respect of a child under sub-section (4) of section thirty-one, sub-section (7) of section thirty-two, or sub-section (2) of section thirty-three of this Statute dies, the child is entitled to be paid a pension at the rate of One hundred and fifty-six pounds per annum until he attains the age of sixteen years or, if the child is attending a school, college or university as a full-time student, twenty-one years.

(2) Subject to this Part, where—

(a) a former member dies while in receipt of or entitled to the pension referred to in paragraph (a) of sub-section (1) of section thirty-one, or sub-section (1) of section thirty-two, of this Statute;

(b) at the date of the death of the former member, the wife of the member is dead but, if she had survived the former member, would have been, or would have been deemed to have been, the designated beneficiary of the former member; and

(c) the former member leaves a child,

the child is entitled to be paid a pension at the rate of One hundred and fifty-six pounds per annum until he attains the age of sixteen years or, if the child is attending a school, college or university as a full-time student, twenty-one years.

(3) A pension under this section is payable, on behalf of the child, to a person approved by the Council.
35. Where—

(a) a female eligible member dies leaving a widower who was dependent on her at the date of her death; or

(b) a female person who was, at the date of her retirement, an eligible member dies leaving a widower to whom she was married at the date of her retirement and who was dependent on her at the date of her death,

the provisions of sections thirty-one, thirty-two, thirty-three and thirty-four of this Statute apply as if the word 'widower' were substituted for the word 'widow' and with such other modifications as are necessary.

36. The Council may, if it thinks fit, determine, either before or after the making by a person of the election referred to in section thirty-one, thirty-two or thirty-three of this Statute, that the person shall be paid a pension in accordance with paragraph (a) of sub-section (i) of section thirty-one, sub-section (i) of section thirty-two or paragraph (a) of sub-section (i) of section thirty-three, as the case may be, and, upon the making of the determination—

(a) a pension shall be payable to that person accordingly; and

(b) that person ceases to have the right to make the election or an election made by that person shall not have any effect, as the case may be.

37. If an eligible member is absent from the service of the University, with or without remuneration from the University, he shall pay, either in advance or by fortnightly payments, to the University, in respect of his period of absence, an amount determined by the Council, not being an amount greater than the aggregate of—

(a) One and one-quarter pounds per centum of the salary of the member for that period; and

(b) three and one-quarter times the amount of the contributions, if any, that would have been payable by the member during that period under this Part, if he had not been so absent.

38.—(1) Subject to this section, where—

(a) an eligible member who, when he became a member, had a policy other than an endowment assurance policy dies or retires before that policy matures; or

(b) an eligible member who, when he became a member, elected, under sub-section (3) of section nine of this Statute, that the contributions under section eleven of this Statute in respect of him should be held and accumulated by the Council dies or retires,
a pension payable under this Part to or in respect of the member ceases to be payable to or in respect of the member from a date when, in the opinion of the actuary, that part of the Fund that is attributable to payments into the Fund made in respect of the member would, if the payments out of the Fund to or in respect of the member (including payments of premiums, if any, falling due for payment under an assurance policy on the life of the member) had been made from that part, be exhausted.

(2) In forming an opinion, for the purposes of the last preceding sub-section, in the case of a retired member, the actuary shall assume that there has been paid into the Fund in respect of the member an amount that is, in the opinion of the actuary, the value, at the time of forming the opinion, of the unmatured policies, if any, of the member.

(3) This section does not affect the rate of pension payable to or in respect of a member whose policy has matured.

39.—(1) When a pension ceases to be payable to or in respect of a person by virtue of the last preceding section, the Council may, in its absolute discretion, authorize the payment to the person who was in receipt of the pension of an allowance at a rate per annum not exceeding the rate per annum of the pension at the time of cessation.

(2) When a person to whom an allowance is being paid under the last preceding sub-section dies leaving a widow, widower or child who would, if the person had died while in receipt of a pension under this Part, have been entitled to be paid a pension under this Part, the Council may, in its absolute discretion, authorize the payment to the widow or widower, or to a person on behalf of the child, as the case may be, of an allowance at a rate per annum not exceeding the rate per annum of the pension that the widow, widower or child, as the case may be, would have been so entitled to be paid.

(3) The Council may cancel an allowance under this section at any time.

40.—(1) If a person in receipt of a pension under this Part—

(a) becomes bankrupt or, without the consent in writing of the Council, assigns or charges or attempts to assign or charge his interest or any part of his interest in the pension or does or suffers anything by which his interest in the pension, or any part of that interest, would or might, through his act or default or by operation or process of law, become vested in or payable to any other person; or
(b) becomes a lunatic or is, in the opinion of the Council, incapable of managing his own affairs, the pension ceases to be payable to the person.

(2) When a pension ceases to be payable to or in respect of a person by virtue of the last preceding sub-section, the Council may, in its absolute discretion, authorize the payment to the person who was in receipt of the pension, or any other person on his behalf, of an allowance at a rate per annum not exceeding the rate per annum of the pension at the time of cessation.

(3) When a person to whom or on whose behalf an allowance is being paid under the last preceding sub-section dies leaving a widow, widower or child who would, if the person had died while in receipt of a pension under this Part, have been entitled to be paid a pension under this Part, the Council may, in its absolute discretion, authorize the payment to the widow, widower or to a person on behalf of the child, as the case may be, of an allowance at a rate per annum not exceeding the rate per annum of the pension which the widow, widower or child, as the case may be, would have been so entitled to be paid.

(4) The Council may cancel an allowance under this section at any time.

41.—(1) There shall be a Supplementary Superannuation Benefits Fund from which shall be paid the benefits provided for in this Part, other than an allowance under section thirty-nine of this Statute.

(2) The Council may, if, at any time, there are surplus moneys in the Fund, direct that the whole or part of an allowance under section thirty-nine of this Statute be paid out of the surplus moneys and, in that event, the whole or part, as the case may be, shall be paid from the Fund accordingly.

(3) The Council shall pay into the Fund—

(a) an amount equal to one and one-quarter pounds per centum of the salary of each member;

(b) the amounts that have been, and an amount equal to the amounts (if any) that would, but for the absence of members from the service of the University, have been, deducted from the salaries of members under this Part;

(c) an amount equal to two and one-quarter times the total of the amounts referred to in the last preceding paragraph;

(d) such other sums as the Council on the advice of the actuary from time to time may determine;
(e) moneys in respect of which the rights and interests of members or the widows or widowers of members have been transferred to the University under this Part; and

(f) moneys paid to the University under the policies of members in respect of which the rights and interests of the members have been transferred to the University under this Part.

(4) Income derived from the investment of the Fund forms part of the Fund.

(5) The Council may pay from the Fund the premiums falling due for payment under a policy of a member after the member has transferred to the University, in accordance with sub-section (4) of section thirty-two of this Statute, all his rights and interests in the policy.

42.—(1) Moneys standing to the credit of the Fund shall be invested as the Council directs.

(2) The Council may lodge moneys forming part of the Fund that are held uninvested, either at call or on fixed deposit or partly at call and partly on fixed deposit, with a bank.

43.—(1) An investigation as to the state and sufficiency of the Fund shall be made by the actuary as at the thirty-first day of December, One thousand nine hundred and sixty-two, and as at the expiration of each subsequent period of five years.

(2) The actuary shall, by writing under his hand addressed to the Registrar, report to the Council the result of his investigation.

Part VI—Rules

44. The Council may, from time to time, make Rules, not inconsistent with this Statute, prescribing all matters which by this Statute are required or permitted to be prescribed for carrying out or giving effect to this Statute.

THE SCHEDULE

The Australasian Temperance and General Mutual Life Assurance Society Limited.
Australian Mutual Provident Society.
The City Mutual Life Assurance Society Limited.
The Colonial Mutual Life Assurance Society Limited.
The Mutual Life and Citizens' Assurance Company Limited.
The National Mutual Life Association of Australasia Limited.
The Prudential Assurance Company Limited.
Statute No. 15

Convocation Amendment Statute No. 2

(Repealed on 13 January 1955 and replaced by Statute No. 18. See p. 102.)

Statute No. 16

Board of Graduate Studies
Amendment Statute No. 2

(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 4—Board of Graduate Studies Statute. See p. 73.)

Statute No. 17

Academic Dress Statute

1. The academic dress of the Chancellor shall be a robe of black damask figured silk trimmed with gold lace and a black velvet square cap trimmed with gold lace, similar in each case to that ordained to be worn by the Chancellor of the University of London.

2. The academic dress of the Vice-Chancellor shall be a robe of black damask silk trimmed with gold lace and a black velvet square cap trimmed with gold lace, similar in each case to that ordained to be worn by the Vice-Chancellor of the University of London.

3. The academic dress of graduates of the University shall be as follows:

   (1) for masters—
      (a) a gown of black cloth, of the same shape as that ordained to be worn by Masters of Arts of the University of Oxford;
      (b) a hood of black cloth, of the same shape as that ordained to be worn by graduates of the University of London, lined with blue corded silk;
      (c) a square cap of black cloth; provided that a woman shall be at liberty to wear a soft black cloth cap of the shape worn for this purpose by women graduates of the University of Oxford.

   (2) for Doctors of Philosophy—
      (a) a gown of black cloth, of the same shape as that ordained to be worn by Masters of Arts of the University of Oxford and faced with blue corded silk;
      (b) a hood of blue corded silk, of the same shape as that ordained to be worn by Doctors of the University of Cambridge, lined with the same blue silk; and
      (c) a round black velvet cap with a blue cord and tassel.

1 Made 9 July 1954; approved 22 November 1954; operative from 2 December 1954.
(3) for Doctors other than Doctors of Philosophy—

(a) a gown of scarlet cloth, of the same shape as that ordained to be worn by Doctors of the University of Oxford, faced with blue corded silk;

(b) a hood of scarlet cloth, of the same shape as that ordained to be worn by Doctors of the University of Cambridge, lined with blue corded silk; and

(c) a round black velvet cap with a blue cord and tassel.

4. For the purpose of this Statute ‘ordained to be worn’ means ordained to be worn as at the date of the commencement of this Statute.

5. The Vice-Chancellor may define the colours or ranges of colours which are approved for the purpose of this Statute.

Statute No. 18

Convocation Amendment Statute No. 3

(The provisions of this Statute have now been incorporated in the consolidation of the Statute No. 3—Convocation Statute. See p. 72.)

Statute No. 19

University House (Sale of Liquor) Statute

1. In this Statute ‘liquor’ means wine, spirits, ale, beer, porter, cider, sherry and any liquid containing alcohol ordinarily used or fit for use as a beverage.

2. Subject to section 4, liquor shall not be sold or purchased in University House unless the sale is made to, or the purchase is made by, a member or resident of University House.

3. The Governing Body of University House may make Orders regulating the sale and purchase of liquor in University House and those Orders may make provision for or in relation to the persons by whom, the hours within which, the prices at which and the conditions under which liquor may be sold.

4. The Governing Body of University House may, for the purposes of a function to be held in University House, direct, by instrument in writing—

(a) that, during a period specified in the instrument, section 2 of this Statute shall not apply in relation to the sale of

1 Made 10 September 1954; approved 15 December 1954; operative from 13 January 1955.

2 Made 10 September 1954; approved 15 December 1954; operative from 13 January 1955.
liquor in University House by a person specified in the instrument or the purchase of liquor in University House by a person included in a class of persons specified in the instrument; and

(b) that, during the period, the operation of an Order made under the last preceding section shall be suspended or varied in a manner specified in the instrument.

5. A person who sells or purchases liquor in University House otherwise than in accordance with this Statute or an Order or an instrument in writing made under this Statute by the Governing Body of University House shall be deemed to have sold or purchased liquor in University House contrary to a provision of this Statute.

Statute No. 20

University House Statute

1. Subject to this Statute and to the Rules made in pursuance of it, the conduct of University House shall be vested in a Master and eight Fellows who shall be the governing body.

2. At any meeting of the Master and Fellows a quorum shall be four, but, subject to this section, the Master and Fellows may act notwithstanding any vacancy in their membership.

3. (1) Appointments to the position of Master shall be made—

(a) in the case of the initial appointment to the position—by the Council; and

(b) in any other case—by the Council after consultation with the governing body.

(2) Subject to the next succeeding sub-section, the tenure, powers, duties and emoluments of the Master shall be such as are determined—

(a) in the case of the initial appointment to the position—by the Council; and

(b) in any other case—by the Council after consultation with the governing body.

(3) The Council, after consultation with the governing body, may vary the tenure, powers, duties or emoluments of the Master determined under the last preceding sub-section.

4. The initial appointment to each Fellowship, shall be made by the Council for such period as the Council determines. Thereafter vacancies shall be filled either—

(a) by an electoral body comprising the Master, the Fellows still in office, the Vice-Chancellor, Directors and Deans, or

(b) by an election of Fellows by and from among those mem-

4 Made 12 September 1958; approved 10 November 1958; operative from 1955.
2 As amended by Statute No. 23—University House Amendment Statute No. 1.
bers of the House holding full time academic appointments in the University of or above the grade of Research Fellow, but so that an election under this paragraph shall be held by the Returning Officer upon the notification to the Council by the Master and Fellows of one or more vacancies for the purpose of this paragraph and so that there shall at no time be more than four Fellows holding office by virtue of this paragraph.

5. Each Fellow shall, subject to this Statute and to the Rules, hold office for a period of two years.

6. Subject to this Statute, the Council with the advice of the Master and Fellows may make Rules providing for the appointment of Honorary Fellows and Visiting Fellows.

7. The Council may at any time remove a Fellow from office for misconduct or incapacity.

8. Subject to this Statute, the Council with the advice of the Master and Fellows may make Rules for the conduct of the House.

Statute No. 21

Staff Superannuation Amendment Statute No. 1
(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 14—Staff Superannuation Statute. See p. 79.)

Statute No. 22

Convocation Amendment Statute No. 4
(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 3—Convocation Statute. See p. 72.)

Statute No. 23

University House Amendment Statute No. 1
(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 20—University House Statute. See p. 103.)

Statute No. 24

Staff Superannuation Amendment Statute No. 2
(The provisions of this Statute have now been incorporated in the consolidation of Statute No. 14. Staff Superannuation Statute. See p. 79.)

1 Made 14 October 1955; approved 18 January 1956; operative from 9 February 1956.
2 Made 9 March 1956; approved 21 March 1957; operative from 17 April 1957.
3 Made 6 July 1956; approved 21 March 1957; operative from 17 April 1957.
4 Made 12 September 1958; approved 10 November 1958; operative from 27 November 1958.
RULES

Elections (Members of the Council) Rules ¹

Part I—General

1. All elections pursuant to these Rules shall be conducted by the Registrar in accordance with the electoral system set out in the Schedule hereto.

2. If at any election the number of nominations does not exceed the number of seats to be filled, the Registrar shall declare the persons nominated to be elected.

3. The Registrar shall not accept a vote at any election unless he is satisfied that it has been cast by a qualified voter, and that that voter has voted only once.

4. Any casual vacancy in the office of an elected member of the Council shall be filled by the election of a member to fill the vacancy who shall be entitled to hold office during the residue of the term of the member whose office he fills:

Provided that—

If a person elected pursuant to these Rules ceases to be a member of the Council within six months of the time at which his tenure would have expired, the Council may if it thinks fit direct that the casual vacancy so caused shall be filled at the election conducted at the time when that person's seat would normally have become vacant.

5. Save as is otherwise provided in these Rules, all members elected pursuant to these Rules shall hold office for four years.

Part II—Elections by Convocation

1. Each member of Convocation shall keep the Registrar informed of his address, and the Registrar shall keep a roll of addresses so supplied to him.

2. When an election under this Part is necessary, the Registrar shall publish the fact by notice on the notice board at the University and in one daily paper in Canberra, Sydney and Melbourne, a copy of which notice he shall send by post to each member of Convocation at the address shown on the roll. The notice shall—

(a) set out the number of seats to be filled, and the names of the members of the Council elected by Convocation whose seats do not fall vacant at the time of the election concerned;

(b) invite nominations of persons for election, and specify the form in which nominations must be made;

¹ Made by the Interim Council on 9 March 1951.
(c) prescribe a date and time by which nominations must reach the Registrar.

3. If the number of nominations exceeds the number of seats to be filled, the Registrar shall send to each member of Convocation having an address known to him—
   (a) a voting paper;
   (b) a notice setting out how the voter's preference is to be shown, and prescribing a date and time by which voting papers must reach the Registrar.

4. The three of the first six members elected by Convocation who stand highest at the polls shall hold office for four years, and the other three shall hold office for two years. If the first six members elected by Convocation are declared elected without a ballot, the Registrar shall decide by lot which three of them shall hold office for four years, and the other three shall hold office for two years.

Part III—Elections by Students

1. In this Part a student means a person for the time being enrolled as a student of the University.

2. When an election under this Part is necessary, the Registrar shall publish the fact by notice on the notice board at the University and in a daily paper in Canberra.

   The notice shall—
   (a) state that a seat is to be filled, and set out the name of the member of the Council elected by the students whose seat does not fall vacant at the time of the election concerned;
   (b) invite nominations of persons for election, and specify the form in which nominations must be made;
   (c) prescribe a date and time by which nominations must reach the Registrar.

3. If the number of nominations exceeds the number of seats to be filled, the Registrar shall send to each student—
   (a) a voting paper;
   (b) a notice setting out how the voter's preference is to be shown, and prescribing a date and time by which voting papers must reach the Registrar.

4. (1) Members elected by the students shall hold office for one year.
   (2) Nothing in this Rule affects the tenure of office of any member elected by the students and holding office on 1 January 1953.

   1 As amended by the Council 22 January 1953.
ELECTIONS

Part IV—Elections by Staff

1. In this Part a member of the staff means a person who holds a full-time academic appointment in the University of or above the grade of Research Fellow. Before each election pursuant to these Rules the Council shall draw up a list of persons entitled to vote and only persons whose names appear on that list shall vote.

2. When an election under this Part is necessary, the Registrar shall publish on the notice board at the University and send to each member of the staff a notice which shall—
   (a) set out the number of seats to be filled and the names of any member of the Council elected by the staff whose seat does not fall vacant at the time of the election concerned;
   (b) invite nominations of persons for election and specify the form in which nominations must be made;
   (c) prescribe a date and time by which nominations must reach the Registrar.

3. If the number of nominations exceeds the number of seats to be filled the Registrar shall send to each member of the Staff—
   (a) a voting paper;
   (b) a notice setting out how the voter's preference is to be shown, and prescribing a date and time by which voting papers must reach the Registrar.

4. Of the first three members elected by the staff, the member who stands highest at the polls shall hold office for four years, and the other two members shall hold office for two years. If the first three members elected by the staff are declared elected without a ballot, the Registrar shall decide by lot which of them shall hold office for four years, and the other two shall hold office for two years.

THE SCHEDULE

1. In the conduct of an election the Registrar shall allow the intervals specified hereunder between the events severally set out—
   (1) between the publication of the fact that an election is necessary and the time prescribed for the receipt of nominations; not less than fourteen and not more than thirty days;
   (2) between the time prescribed for the receipt of nominations and the issue of voting papers; not more than twenty-eight days;
   (3) between the time of issuing voting papers and the time by which voting papers must reach the Registrar; not less than twenty-eight and not more than sixty days.

2. Nominations of candidates shall be made to the Registrar. A nomination shall be signed by two persons qualified to vote at the
election and shall contain the written consent of the candidate to his nomination.

3. With every voting paper there shall be issued a form of declaration and three envelopes, one envelope marked ‘Voting Paper’, one marked ‘Declaration’, and one addressed to the Registrar.

4. Every voting paper shall contain the names of the candidates in alphabetical order (the names of any retiring candidates being indicated) and shall be initialled by the Registrar or his deputy and no voting paper other than one so initialled shall be accepted. Where a voting paper has been lost or destroyed a duplicate shall be supplied on written application to the Registrar.

5. The voter shall indicate the order of his preference on the voting paper by writing the arabic numeral one against the name of the candidate, or an unbroken series of arabic numerals beginning at one against the names of the candidates for whom he wishes to vote, one number against the name of each such candidate; but he shall not be obliged to place a number against the name of every candidate.

6. Each voter shall post or deliver to the Registrar his voting paper and declaration each enclosed in a separate and distinctive envelope. These envelopes shall both be enclosed in another envelope addressed to the Registrar.

7. All such envelopes received by the Registrar shall remain unopened until the close of the poll. The Registrar or his deputy shall then in each case open the outer envelope and also the envelope containing the declaration. If the declaration be duly signed by a qualified voter the envelope containing the voting paper shall be placed and mixed with other similar envelopes. The Registrar or his deputy shall then open the envelopes containing the voting papers and ascertain the result of the election.

8. Each candidate shall be entitled to nominate a scrutineer to represent him at the scrutiny.

9. Neither the Registrar nor anyone acting as his deputy nor any scrutineer shall in any way disclose or aid in disclosing in what manner any voter has voted.

10. No voting paper shall be accepted unless it is received by the Registrar before the close of the poll.

11. The Registrar shall decide whether any voting paper shall be accepted or rejected.

12. In an election at which only one candidate is to be elected the result of the election shall be determined in the manner following:—

(i) the Registrar shall count the first preference votes given for each candidate on all unrejected voting papers;
(2) the candidate who has received the largest number of first preference votes shall, if that number constitutes an absolute majority of votes, be elected;

(3) if no candidate has received an absolute majority of first preference votes, the counting of votes shall proceed as follows:—

(a) the candidate who has received the fewest first preference votes shall be excluded, and each voting paper counted to him shall be counted to the candidate next in the order of the voter's preference;

(b) if a candidate then has an absolute majority of votes he shall be elected, but if no candidate then has an absolute majority of votes, the process of excluding the candidate who has the fewest votes, and counting each of his voting papers to the unexcluded candidate next in the order of the voter's preference, shall be repeated until one candidate has received an absolute majority of votes; and

(c) the candidate who has received an absolute majority of votes shall be elected.

13.¹ In an election at which more than one candidate is to be elected the result of the election shall be determined in the manner following:—

(1) the first preference votes given for each candidate on all unrejected voting papers shall be counted;

(2) the aggregate number of such first preference votes shall be divided by one more than the number of candidates required to be elected, and the quotient increased by one, disregarding any remainder, shall be the quota, and (except as hereinafter provided in sub-section 10) no candidate shall be elected until he obtains a number of votes equal to or greater than the quota;

(3) any candidate who has, upon the first preference votes being counted, a number of such votes equal to or greater than the quota shall be declared elected;

(4) where the number of such votes obtained by any candidate is equal to the quota, the whole of the voting papers on which a first preference vote is recorded for such elected candidate shall be set aside as finally dealt with;

(5) Where the number of such votes obtained by any candidate is in excess of the quota, the proportion of votes in excess of the quota shall be transferred to the other candi-

¹ As amended by the Elections (Members of the Council) Rules: Amending Rule No. 2—Transference of Votes, made by the Council 14 August 1953.
dates not yet declared elected, next in the order of the voter's preferences, in the following manner:

(a) all the voting papers on which a first preference vote is recorded for the elected candidate shall be re-examined, and the number of second preference votes, or (in the case provided for in section 15) third or next consecutive preferences, recorded for each unelected candidate thereon shall be counted;

(b) the surplus of the elected candidate shall be divided by the total number of votes obtained by him on the counting of the first preference votes, and the resulting fraction shall be the transfer value;

(c) the number of second or other preferences ascertained in paragraph (a) to be recorded for each unelected candidate, shall be multiplied by the transfer value;

(d) the resulting number shall be credited to each unelected candidate, and added to the number of votes obtained by him on the counting of the first preference votes;

(6)—

(a) where, on the counting of the first preference votes or on any transfer, more than one candidate has a surplus, the largest surplus shall be first dealt with. If then more than one candidate has a surplus, the then largest surplus shall be dealt with, and so on; Provided that, if one candidate has obtained a surplus at a count or transfer previous to that at which another candidate obtains a surplus the surplus of the former shall be first dealt with;

(b) where two or more surpluses are equal, the surplus of the candidate who was the highest on the poll at the count or transfer at which they last had an unequal number of votes shall be first dealt with, and if they had an equal number of votes at all preceding counts or transfers, the Registrar shall decide which candidate's surplus shall be first dealt with.

(7)—

(a) Where the number of votes obtained by a candidate is raised up to or above the quota by a transfer as aforesaid, he shall thereupon be declared elected. And in such case, notwithstanding the fact that he may have reached the quota, such transfer shall be completed, and all the votes to which he is entitled therefrom shall be transferred to him, but no votes of any other candidate shall be transferred to him;
(b) where the number of votes obtained by a candidate is raised up to, but not above, the quota by a transfer as aforesaid, the whole of the voting papers on which such votes are recorded shall be set aside as finally dealt with;

(c) where the number of votes obtained by a candidate is raised above the quota by a transfer as aforesaid, his surplus shall be transferred to the candidates next in the order of the voters' respective preferences, in the following manner:—

(i) The voting papers on which are recorded the votes obtained by the elected candidate in the last transfer shall be re-examined, and the number of third, or (in the case provided for in sub-section 15) next consecutive preferences recorded for each unelected candidate thereon counted;

(ii) the surplus of the elected candidate shall be divided by the total number of voting papers mentioned in paragraph (i), and the resulting fractions shall be the transfer value;

(iii) the number of second (or other) preferences, ascertained in paragraph (i), to be recorded for each unelected candidate, shall be multiplied by the last-mentioned transfer value;

(iv) the resulting number shall be credited to each unelected candidate, and added to the number of votes previously obtained by him.

(8)—

(a) where, after the first preference votes have been counted and all surpluses (if any) have been transferred as hereinbefore directed, no candidate, or less than the number of candidates required to be elected, has or have obtained the quota, the candidate who is lowest on the poll shall be excluded, and all the votes obtained by him shall be transferred to the candidates next in the order of the voter's respective preferences, in the same manner as is directed in sub-section (5);

(b) the votes obtained by such excluded candidate as first preference votes shall first be transferred, the transfer value of each vote in this case being one;

(c) the other votes of such excluded candidate shall then be dealt with in order of the transfers in which, and at the transfer value at which, he obtained them;
(d) each of the transfers which takes place under the two previous clauses of this sub-section shall be deemed for all purposes to be a separate transfer.

(g)—

(a) where a number of votes obtained by a candidate is raised up to or above the quota by any such transfer as aforesaid, he shall thereupon be declared elected. And in such case, notwithstanding the fact that he may have reached the quota, such transfer shall be completed, and all the votes to which he is entitled therefrom shall be transferred to him, but no other votes shall be transferred to him;

(b) where the number of votes obtained by a candidate is raised up to, but not above, the quota, by any such transfer as aforesaid, the whole of the voting papers on which such votes are recorded shall be set aside as finally dealt with;

(c) where the number of votes obtained by a candidate is raised above the quota by any such transfer as aforesaid, the surplus shall be transferred to the candidates next in the order of the voters’ respective preferences in the same manner as is directed in sub-section 7, paragraph (c); Provided that such surplus shall not be dealt with until all the votes of the excluded candidate have been transferred.

(d) where any surplus exists it shall be dealt with before any other candidate is excluded.

(10) The same process of excluding the candidate lowest on the poll and transferring his votes to other candidates shall be repeated until all the candidates, except the number required to be elected, have been excluded, and the unexcluded candidates who have not already been so declared, shall then be declared elected.

14. Where two or more candidates have the same number of votes and it becomes necessary to exclude one of them, then whichever of such candidates was lowest on the poll at the last count or transfer at which they had an unequal number of votes, shall be excluded and, if such candidates have an equal number of votes at all preceding counts or transfers or if there was no preceding count or transfer, the Registrar shall decide by lot which candidate shall be excluded.

15. In determining which candidate is next in the order of the

1 As amended by the Council, 15 December 1955.
voter's preference, any candidates who have been declared elected or who have been excluded shall not be considered, and the order of the voter's preference shall be determined as if the names of such candidates had not been on the voting paper.

16. Where on any transfer it is found that on any voting paper there is no candidate next in the order of the voter's preference, that voting paper shall be set aside as exhausted.

17. The Registrar may if he thinks fit, on the request of any candidate setting forth the reasons for the request, or of his own motion, re-count the ballot papers received in connexion with any election.

Courses and Degrees Rules

Part I—General

1. In these Rules 'the Board' means the Board of Graduate Studies.

2. In these Rules 'course' means course of post-graduate study and research.

Part II—Admission

3. A person wishing to become a research student shall make application to the Registrar in such form as the Board prescribes, and shall submit with his application an outline of the course he proposes to pursue.

4. The Board may admit as a research student any person who:

   (1) holds a degree of another University, which degree and University are approved for this purpose by the Board; provided that the Board may in special cases and subject to such conditions as it thinks fit admit a person who does not hold such a qualification; and

   (2) has been accepted by the Faculty Board, Director or Dean of one of the Research Schools.

5. The Board shall, when it admits a research student, specify the Department or Departments in which he shall work and the date at which his course shall be deemed to begin or have begun.

6. The Faculty Board, Director or Dean of the appropriate Research School shall appoint a supervisor of each research student admitted by the Board as a candidate for a degree, and shall report each such appointment to the Board.

7. The Faculty Board, Director or Dean of the appropriate Research School shall before the expiration of three terms from the

1 Made by the Council on 12 November 1954.
date on which a research student is admitted by the Board report
to the Board the research topic approved by the Faculty Board,
Director or Dean for that research student and the degree for which
the Faculty Board, Director or Dean has permitted him to become
a candidate.

8. The Board may at any time after recommendation from the
Faculty Board, Director or Dean of the appropriate Research School,
and subject to such conditions as it thinks fit, allow a research
student for one degree to become a research student for another
degree instead.

Part III—Enrolment

9. The Registrar shall keep a roll of students. A person who has
been admitted as a research student and who satisfies the Registrar
that he has paid the prescribed fees, if liable, and has begun his
approved course may sign the roll, and shall by virtue of so signing
become an enrolled student of the University.

Part IV—Fees

10. Students shall pay such fees as are from time to time pre-
scribed by order of the Council, and payment shall be made in the
manner so prescribed.

Part V—Courses

11. Each research student shall pursue his course to the satisfaction
of the Board. If a supervisor is of opinion that a research student
has failed to conduct his research satisfactorily he shall report to
the Board accordingly and the Board may, after recommendation
from the Faculty Board, Director or Dean of the appropriate Re-
search School, resolve that the research student shall cease to be a
research student of the University.

12. Each research student shall satisfy such residential require-
ment as the Board shall prescribe.

13. Each research student shall, subject to the requirements of
this part, attend at the University for forty weeks, including the
periods of University terms, during each year, and may be re-
quired by his supervisor to attend for a further six weeks in each
year.

14. (1) Subject to sub-rules, (2), (3) and (4) of this rule, a candidate
for the degree of Doctor of Philosophy shall pursue his approved
course within the University for such period, not being less than
nine or more than twelve consecutive terms, as the Board prescribes.

(2)\(^1\) The Board may permit a candidate to pursue at another
institution such part of his approved course as it thinks fit; provided

\(^1\) As amended by the Council 11 March 1955.
that a candidate shall keep five terms in the University, except that a candidate whose approved course is less than nine terms shall keep four terms.

(3) The Board may in special cases and after recommendation from the Faculty Board, Director or Dean of the appropriate Research School provide that a candidate’s approved course shall extend over the period of less than nine, but not less than six terms.

(4) Any part of a candidate’s approved course undertaken with the approval of the Faculty Board, Director or Dean in the field shall be deemed to have been undertaken within the University.

15. (1) Subject to sub-rules (2) and (3) of this rule a candidate for the degree of Master of Arts or Master of Science shall pursue his approved course within the University for such period, not being less than six or more than nine consecutive terms, as the Board prescribes.

(2) The Board may permit a candidate to pursue at another institution such part of his approved course as it thinks fit; provided that the candidate shall keep four terms in the University.

(3) Any part of a candidate’s approved course undertaken, with the approval of the Faculty Board, Director or Dean, in the field, shall be deemed to have been undertaken within the University.

16. (1) Except as provided in sub-rule (2) of this rule and in Part VI, rule 20, a candidate shall spend his full time in the pursuit of his approved course.

(2) The Board may admit as a candidate for the degree of Master of Arts or Master of Science a person engaged in employment other than the full-time pursuit of his course, if in the Board’s opinion that employment is of a nature likely to assist the candidate in the pursuit of his course of study and research. The Board shall not prescribe for the approved course of such a candidate a period of less than nine or more than fifteen terms.

(3) Notwithstanding anything contained in sub-rule (2) of this rule, the Board may antedate the commencement of the course of any person employed by the University who is admitted as a candidate for a degree under that sub-rule if that person has before the making of this rule done work within the University which the Board considers proper to be considered as part of his approved course of study and research.

17. The Board may, after recommendation from the Faculty Board, Director or Dean, grant a research student special leave during his course on the ground of illness or other serious cause.

18. The Board may, after recommendation from the Faculty Board, Director or Dean of the appropriate Research School, suspend a research student’s course for such time as it thinks fit. The Board
shall determine whether the period of such suspension shall be reckoned part of the student’s approved course.

Part VI—Examinations and Degrees

19. The examination of candidates for degrees shall be conducted as follows:

(a) The candidate shall not less than three months before the time at which he wishes to be examined give notice to the Registrar in such form as the Board requires. The Faculty Board, Director or Dean may dispense with this requirement in special cases.

(b) The Board shall after recommendation from the Faculty Board, Director or Dean of the appropriate Research School appoint not fewer than two examiners, one at least of whom shall be an external examiner. The Board may at any stage of the examination similarly appoint an additional examiner and shall do so in the event of disagreement between two original examiners.

(c) (i) The candidate shall during the last term of his approved course or within one year after the end of that term (or, with the permission of the Board, within such period not exceeding three years after the end of that time as the Board determines) present to the Registrar three copies of a written thesis in such form as the Board prescribes, embodying the results of his approved research, and shall be examined orally on the substance of his thesis and on his knowledge of his subject, unless the Board on the recommendation of the examiners exempts the candidate from oral examination.

(ii) Notwithstanding the conditions set out in sub-paragraph (i) of this paragraph the Board may, in special circumstances, extend the period for presentation of a thesis by a student enrolled before 31 December 1958.

(d) If an examiner is unable to attend the oral examination, the Board may appoint an assessor in his place.

(e) The Board may give directions as to the procedure to be followed in the conduct of the examination.

(f) If the Board, having considered the reports of the examiners, is of opinion that the candidate is fit to be admitted to the degree it shall recommend to the Council that he

1 As amended by the Council 9 March 1956 and by Standing Committee 9 December 1958.

2 An amendment to this Rule has been approved by the Board of Graduate Studies providing that theses must be prepared for examination during the last term of an approved course, unless the Board has granted an extension of time.
be admitted and on his fulfilling the prescribed conditions he shall be so admitted.

(g) The Board may, on the recommendation of the examiners, decide that the candidate be not admitted to the degree, but be at liberty to resubmit the thesis and be re-examined within such period, not exceeding twelve months, as the Board decides.

(h) Where there are more than two examiners, their recommendations for the purposes of these Rules may be made by the majority.

20. The Board may admit as a candidate for the degree of Doctor of Philosophy any person who has held an appointment as a Research Fellow in the University for a period of not less than two years.

21. The Faculty Board, Director or Dean of any Research School may make such additional regulations not inconsistent with these rules concerning the examination of candidates in that School as it thinks fit, and compliance with such regulations shall for a candidate in that School be a condition of taking an examination.

22. Any person who—

(1) holds a degree of this University; or

(2) (a) hold a degree of another University, which degree and University are approved for this purpose by the Board; and

(b) is certified by the Board to have or have had a substantial connection with this University,

may at the discretion of the Board be admitted as a candidate for the degree of Doctor of Letters or Doctor of Science or Doctor of Laws.

23. (1) A candidate for the degree of Doctor of Letters or Doctor of Laws or Doctor of Science shall submit his published works in such manner as the Board prescribes. The Board shall appoint not fewer than two examiners, one of whom shall be an external examiner. The Board may at any stage of the examination appoint an additional examiner. Each examiner shall submit an independent report on the examination.

(2) Each examiner shall recommend to the Board that the candidate be admitted, or be not admitted, to the degree.

(3) If the Board is of opinion that the candidate has made an original and substantial contribution to knowledge and scholarship, it shall recommend to the Council that he be admitted to the degree and on his fulfilling the prescribed conditions he shall be so admitted.
24. A candidate for any degree shall not submit for examination work in respect of which a degree has been awarded in any University.

25. Each candidate for a degree shall before the degree is conferred deposit in the Library a copy of every thesis or published work successfully submitted for examination for a degree.

26. (1) A person who is recommended by the Board to the Council on the ground of his distinguished eminence in learning may be admitted honoris causa to such of the degrees of Doctor of Letters, Doctor of Science or Doctor of Laws as the Board decides.

(2) A person who is recommended by the Board to the Council on the ground of his distinguished eminence in public service may be admitted honoris causa to the degree of Doctor of Laws.

27. A person who holds a permanent academic appointment in the University and who is recommended by the Board to the Council may be admitted to the degree either of Master of Arts or of Master of Science as the Board decides.

Constitution of the Council (Period of Office) Rules ¹

1. The members of the Council elected under sub-section (2) and (3) of section 11 of the Act and the members appointed under sub-section (4) of that section to hold office in each case from the first day of July One thousand nine hundred and fifty-three shall hold office for a period of two years.

2. Of the two members of the Council elected under sub-section (2) of section 11 of the Act to hold office from the first day of July One thousand nine hundred and fifty-five one (who shall be designated by the Senate) shall hold office for two years and the other shall hold office for three years. Thereafter all members elected under that sub-section shall hold office for three years.

3. If the number of members of the Council appointed under sub-section (4) of section 11 of the Act to hold office from the first day of July One thousand nine hundred and fifty-five is an even number, half of those members (who shall be designated by the Governor-General) shall hold office for two years, and the other half shall hold office for three years. If the number of members so appointed is an odd number, then a number of those members (who shall be designated by the Governor-General) equal to the next whole number greater than half their number shall hold office for two years, and the remaining members shall hold office for three years.

¹ Made by the Council on 29 May 1953. Amended on 11 May 1956.
University House Rules

Part I—Fellows

1. The Fellows shall as far as is practicable be so elected that at any time not fewer than three are resident in the House.

2. No person shall be eligible to be elected or to continue to be a Fellow unless he resides within twenty miles of the University and is a member of the staff of the University.

3. (i) The Council with the advice of the Master and Fellows may elect to Honorary Fellowships persons who have a substantial connection with University House or with the University and who are eminent in scholarship or public affairs.

   (2) The Master and Fellows may elect persons of academic eminence to Visiting Fellowships.

   (3) Honorary Fellows and Visiting Fellows shall not be members of the governing body. In other respects the conditions of their tenure shall be determined by the Master and Fellows.

4. The Master and Fellows shall meet at least twice in each term. At meetings of the Master and Fellows the Master, or in his absence the Deputy Master or a Fellow chosen by those present, shall preside. If a Fellow is absent from three consecutive meetings without leave from the Master, his Fellowship shall become vacant.

5. Subject to these Rules, the Master and Fellows may by resolution regulate their own proceedings.

6. Subject to these Rules, the Master and Fellows may by Order regulate admission to and exclusion from membership and associate membership, and the conduct, management and discipline of the House.

Part II—Officers

7. The Master and Fellows shall appoint one of the Fellows to be Deputy Master, one to be Bursar and another to be Steward. The emoluments of these officers shall be fixed by the Council on the recommendation of the Master and Fellows and their duties shall be determined by the Master and Fellows.

8. The Master and Fellows shall determine the duties and fix the emoluments of such other officers and servants as they think fit.

Part III—Membership and Residence

9. The following persons shall be eligible for membership of University House:

   (a) members of the Council of the University;

1 Made by the Council 8 July 1955 and amended on 7 September 1956.
(b) persons holding academic appointments and others engaged in full-time research in the University;

c) senior administrative officers of the University (Registrar, Bursar, Assistant Registrar, Accountant, Librarian);

d) research students of the University;

e) other officers of the University who are graduates;

f) graduates of the University.

10. The Master and Fellows may admit any other person to membership of the House and may subject his membership or associate membership to such conditions as they think fit.

11. Members and associate members of the House shall pay such fees and charges as the Council, on the recommendation of the Master and Fellows, prescribes.

12. The Master shall decide who among the members and associate members of the House shall be eligible to reside in the House.
GENERAL INFORMATION
CONDITIONS OF AWARD OF SCHOLARSHIPS

Tenure

Scholarships are awarded for an initial period of two years, and may be renewed for a third year or; in special cases, usually involving prolonged field work, they may be renewed for a fourth year. Scholars are normally required to enrol as candidates for the Ph.D. degree. The University may terminate a scholarship at any time if, in the opinion of the Board of Graduate Studies, a scholar is not making satisfactory progress in his course.

An award is dependent on the satisfactory outcome of a medical examination conducted by a physician nominated by the University.

Living Allowances

Single scholars and married scholars not accompanied by their wives or children are required to live in University House. Such scholars at present receive an allowance of £A833 per annum.

Married scholars with dependent children may be granted an additional allowance, normally £A225 in respect of the first child, and £A75 per annum for each other child. The University will give assistance in the matter of accommodation for married scholars accompanied by their wives and families, but can give no undertaking in this respect.

Living allowances commence on the day the scholarship is taken up in Canberra and are paid fortnightly in arrear.

Travel Grants

The University will contribute towards the expenses incurred by a scholarship holder in coming to and returning from Canberra, subject to the following conditions:

(a) that if the scholarship is terminated for any reason before the end of the course for which the scholar is enrolled the contribution for the return journey will not necessarily be paid;

(b) the contribution for the return journey will be in respect to the fares to the place from which the scholar came or to his immediate destination on leaving Canberra on the conclusion of the scholarship, whichever is the less costly.

The contributions on taking up the scholarship will be as follows:

(a) Persons living in Australia
   Second class rail fare.

(b) Persons from abroad
   An allowance will be fixed in each case. (For United Kingdom/Australia journeys the normal allowance is £Stg.165 each way.)
The University will on request in advance consider making a grant of up to £A50 toward other movement expenses, but will not otherwise contribute to fares of a scholar's wife or family.

Fees

Scholarship holders are exempt from the payment of fees for admission, tuition and graduation. A compulsory fee for membership of the Students' Association (currently £1.10 per annum) is payable and will be deducted from the Scholarship emoluments.

Field and Research Expenses

Scholarship holders who are required to undertake field work or research work away from Canberra will receive a special allowance. This allowance will not normally provide for a scholarship holder's wife or family to accompany him while away on field work.

Income Tax

At the present time scholarship allowances are exempt from Australian income tax.

Outside Work

A scholar shall not engage in paid outside work of any kind, or undertake or conduct any paid occupation or business or engage in the practice of any profession without the permission of the Council. In general, permission will not be granted for anything other than a very small amount of University teaching in a subject directly relevant to a scholar's training.

Superannuation

The University does not make provision for superannuation for scholars. The Vice-Chancellor may, however, grant a loan to a scholar to enable him to meet an existing superannuation commitment.

Thesis

A scholar is required to deposit in the University Library a copy of the thesis or other results of research at the conclusion of the course.

Terms

Except for periods approved for fieldwork, a scholar is required to be in attendance at the University for forty weeks each year and he may also be required to be in attendance for a further six weeks at the discretion of his supervisor.

Courses

Unless otherwise stated in the offer of a scholarship, scholarships are awarded on condition that the applicant becomes a candidate for the Ph.D. and pursues his research to the satisfaction of the
Board of Graduate Studies. The offer of a scholarship does not imply any commitment by the University as to the subject of the research work to be undertaken or, if field work is necessary, the country or area in which this will be done.

General

Scholars are subject to The Australian National University Act 1946-7 and to the Statutes and Rules of the University.

UNIVERSITY HOUSE

University House is under the control of a Governing Body consisting of the Master (Professor A. D. Trendall) and eight Fellows. It was formally opened on 16 February 1954 by H.R.H. the Duke of Edinburgh and provides accommodation for approximately 120 resident members.

Membership

The following persons are eligible for membership:—

(a) members of the Council of the University
(b) persons holding academic appointments and others engaged in full-time research in the University
(c) senior administrative officers of the University
    (Registrar, Bursar, Deputy Registrar, Assistant Registrar, Accountant, Librarian)
(d) research students of the University
(e) other officers of the University who are graduates
(f) graduates of the University.

The Governing Body may from time to time invite to membership of the House, in addition to those in the above categories, persons of high academic distinction normally resident in Canberra. The annual subscriptions (due at the beginning of March and current for one year from that date) are from three to nine guineas according to the status of members.

Residence

All members are eligible to reside in University House, subject to the approval of the Governing Body. Preference is given to members of the staff and to research students. Residence for the latter, if unmarried, is obligatory unless they have been granted special exemption by the Vice-Chancellor. A limited amount of accommodation is available for married couples without children.

The current weekly charges for rooms, including all meals, are as follows:—
General Information

Small single room in Eastern Annexe £8 0 0
Small flat (bed-sitting room and bathroom) £9 0 0
Large flat (sitting-room, bedroom and bathroom) £10 0 0
Two-room flat for married couple £16 0 0

Meals in Hall

Meals in Hall are served at the following hours:

- **breakfast**: 8—8.30 a.m.
  - (Saturdays and holidays 8.15—8.45 a.m.)
  - (Sundays 8.30—9 a.m.)
- **lunch**: 12.40—1.20 p.m.
- **dinner**: 6.15—6.35 p.m.
  - (Sunday 12.45—1.05 p.m.)
- **tea (Sunday)**: 6.15—6.35 p.m.

Drinks are available before and after dinner in the Coffee Room and are charged to members against signed chits, for which accounts will be rendered monthly. Wines or beer are available at dinner on a similar basis, and may also be obtained for private consumption.

Non-resident members are requested to indicate their intention to dine in Hall not later than noon on the day in question by advising the Office.

Gowns are worn for dinner at the High Table.

Guests

Members are entitled to bring guests into the Common Rooms and into Hall. The charge for their meals is 6/- for lunch and 8/- for dinner.

Guest-rooms are also available for visitors and requests for their use should be made by members to the Master.

Private Functions

Rooms are available as follows:—

**Private Dining Rooms**

May be booked by members and residents for six to sixty guests for cocktail, dinner or supper parties.

**Drawing Room**

May be booked by wives of members or by women members for social gatherings at which the attendance will be predominantly female.

**Meetings Room**

May be booked by members and residents for formal meetings, etc.

Requests for these rooms should be made through the Office. At least a week’s notice is required for parties where food and drinks
are to be provided by the House. The kitchenette in the Eastern Annexe may be used in conjunction with functions held in the Drawing Room or Meetings Room.

Members may not, without the special permission of the Master, Deputy Master, or Senior Fellow in residence, have exclusive use of any of the other public rooms for private entertainment.

Common Rooms

Three Common Rooms are available to members—the Main Room which contains a wide selection of newspapers and periodicals, the Library-and-Music Room, and the Writing-and-Reading Room. There is also a Coffee Room beside the Hall, where coffee is served after dinner and where drinks may be obtained.

Games Rooms are provided in the basement and include a billiards room (two tables), a table-tennis room, a party room, and two music-practice rooms.

Three Bendix washing machines are available in the basement to provide laundry facilities for residents and there are also drying-rooms and ironing tables.

Library

University House contains a small Library designed to provide suitable facilities for general reading and reference purposes, with particular regard to literature, the fine arts, Australiana and better-class fiction.

Members are entitled to borrow books, other than works of reference which are marked with an asterisk, from this Library. Not more than two works may be borrowed at any one time and no book should be kept for longer than fourteen days.

TRAVELLING SCHOLARSHIPS

The University offers up to two Travelling Scholarships each year for competition among—

(a) Research Fellows of the University;

(b) former Research Students of the University who have successfully taken the examination for the degree of Doctor of Philosophy in the University, provided that the Council's decision to admit to the degree was within two years of the closing date of applications;

(c) Research Students who expect to complete the examination for the degree of Doctor of Philosophy in the University before the closing date of applications.

The awards are offered to enable the successful applicants to carry out research abroad and to make contacts in their chosen fields.

The awards are offered for a period of twelve months and their value, inclusive of fares, is £A1,250, if single, and £A1,750 if married.
SCANDINAVIAN—AUSTRALIAN CULTURAL FUNDS

In 1952, to mark Australia's Jubilee Year, the Danish, Norwegian and Swedish communities in Australia each raised a fund for the encouragement of close and friendly scientific, educational and cultural relations between their countries and Australia, particularly by assistance towards meeting the expenses of visits in either direction. The administration of the funds was vested in the Australian National University.

Applications for grants from the income of the funds are invited in September each year from persons who wish, for reasons connected with their work, to visit one or more of the Scandinavian countries. The estimated annual income from each fund is from £170-£190. Grants are payable on 1 July each year.

The University retains the right to make grants at other times, in suitable cases if funds allow. The availability of the funds is also made known in the Scandinavian countries for the benefit of persons intending to visit Australia.

UNIVERSITY ARMS

The blazon of the Arms of the University is:

Per chevron Azure and Barry wavy of eight Argent and of the last a Boomerang chevronwise Or in sinister chief five Stars representing the Constellation of the Southern Cross also Argent.

ANNUAL REPORTS

The University furnishes an annual report of its academic, financial and other transactions to the Governor-General, and the report is laid before Parliament. Copies of these reports are available on request. The introductory passage from the report for the year 1957 will be found on pp. 135-143.

UNIVERSITY PUBLICATIONS

Apart from the Calendar, the University publishes the News, which is designed to give up-to-date information about University developments, including the appointment and movements of members of the staff and details of academic vacancies. The News is available gratis on request.

The following illustrated booklets are also available:

Mt. Stromlo Observatory.
John Curtin School of Medical Research.

THE MORRISON LECTURE

The George Ernest Morrison Lecture in Ethnology was founded by Chinese residents in Australia and others in honour of the late Dr G. E. Morrison, a native of Geelong, Victoria.

The objects of the foundation of the lectureship were to honour the memory of a great Australian who rendered valuable services to China, and to stimulate interest in Australia in the art, science
and literature of the Chinese Republic. From the time of its inception until 1948 the lecture was associated with the Australian Institute of Anatomy, but in the latter year the responsibility for the management of the lectureship was accepted by the University. Since 1948 the following lectures have been delivered:

Professor J. K. Rideout (Department of Oriental Languages, University of Sydney), 'Politics in Medieval China', 28 October 1949.
C. P. FitzGerald (Visiting Reader in Oriental Studies, Australian National University), 'The Revolutionary Tradition in China', 19 March 1951.
The Rt. Hon. Dr H. V. Evatt (Leader of the Opposition in the Commonwealth Parliament), 'Some Aspects of Morrison's Life and Work', 4 December 1952.
Lord Lindsay of Birker (Senior Research Fellow in International Relations, Australian National University), 'China and the West', 20 October 1953.
Professor M. Titiev (Department of Anthropology, University of Michigan), 'Chinese Elements in Japanese Culture', 27 July 1954.
Professor H. Bielenstein (Department of Oriental Languages, Canberra University College), 'Emperor Kwang-wu and the Northern Barbarians', 2 November 1955.
Dr L. B. Cox (President of the National Gallery Society of Melbourne), 'The Cave—Temples of Yun-kang and Lung-mên', 17 October 1956.
O. van der Sprenkel (Senior Lecturer in Oriental Civilization, Canberra University College), 'The Chinese Civil Service', 4 November 1957.
Professor A. R. Davis (Department of Oriental Studies, University of Sydney), 'The Narrow Lane (Some observations on the recluse in traditional Chinese Society)', 19 November 1958.

OTHER UNIVERSITY LECTURES

A Public Lectures Committee of the Australian National University and the Canberra University College was formed in 1957 to coordinate public lectures arranged by the University and the College and to arrange lectures and lecture courses under the joint sponsorship of the two institutions. This Board arranges a programme of public lectures annually.

It is the University's practice to invite newly appointed professors to give Inaugural Lectures. It is expected that further inaugural lectures will be delivered in 1959.

During 1951 the University accepted a proposal of the Australian Automobile Association that the University should conduct an annual lecture on some aspect of national roads policy. The first of
these lectures was delivered on 20 March 1952 by Sir John Kemp on ‘Some Aspects of Modern Transport and their Relation to Road Construction’, the series is now, however, in abeyance.

MEMBERSHIP OF INTER-UNIVERSITY BODIES

The University is a member of The Association of Universities of the British Commonwealth, whose headquarters are at 36 Gordon Square, London, W.C.1. The Secretary of the Association, Dr J. F. Foster, will gladly answer enquiries about the University, with whose development he has been closely concerned. Details of appointments and awards offered by the University are available from the Association.

The University is also a member of the International Association of Universities, whose offices are at 19 Avenue Kléber, Paris 16, and of the Australian Institute of Nuclear Science and Engineering.

STAFF ASSOCIATION

Membership is open to all those on the staff of the University possessing university degrees or equivalent professional qualifications, including senior administrative, library and technical officers.

A committee of seven, consisting of a President, a Vice-President, a Secretary, a Treasurer and three other members, is elected annually to conduct the affairs of the Association between general meetings.

GENERAL STAFF ASSOCIATION INCORPORATED

The Association was formed in 1953 to promote the interests of members, to maintain and improve the conditions of their employment and the relations between them and their employer and to advance the well-being of the University. To further these ends, the Association, which includes in its membership practically all clerical, laboratory and technical staff, has negotiated improved conditions of employment, has served as an effective channel of communication between the University administration and staff, and is actively engaged in promoting educational opportunities for its members in Canberra.

A Council representing all sections of the University is elected annually.

STUDENTS' ASSOCIATION

The first steps towards the formation of a Students’ Association were taken in March 1952, when the small body of scholars then resident in Canberra met on a number of occasions to discuss matters of common interest. This group became the Interim Committee of the Australian National University Students’ Association, and undertook the tasks of framing a constitution and of attempting to work out answers to some of the problems then faced by scholars.
The constitution came into effect in June 1953 and the Association was formally established.

The general aims of the Association, as stated in the preamble to the constitution, are to promote the welfare and further the interests of members by affording a recognized means of communication between them and the University authorities and by encouraging social and sporting activities among the research students of the University. The Association has already brought a number of important matters which affect research students before the relevant authorities, and seen them dealt with effectively, while some successful social and sporting events have also been organized. It is hoped that with increases in the size of the student body and the provision of a social centre at University House activities of this kind will be extended.

STUDENT COUNSELLING

In co-operation with the Canberra University College a student counselling service is available. The Counsellor is Mr Patrick Pentony, M.A. (W.A.), Senior Lecturer in Psychology at the College.

Students who feel the need of advice on study methods, adjustment to academic life and research, or personal difficulties which may affect their progress, may consult Mr Pentony. He will not give advice related to academic matters within the province of the Head of Department. There will be no charge for this service and professional confidence will be observed.

Appointments to see Mr Pentony at the College should be made direct with him (J 1811, extension 44).

SPORTS CLUBS

Clubs are established for such sports as have support within the University; membership is open to all staff and students of the University. These clubs control arrangements for the sports concerned, provide some equipment and levy fees on their members; they may also approach the Council for the provision of additional facilities. The present clubs are as follows:

Cricket

Captain: D. Gemmell; Secretary: Dr J. S. Bastin. Membership Fee 1. Home matches are usually played on the Acton Sports Oval.

Tennis

President: Professor W. D. Borrie; Secretary: Mr G. R. Wattersson. Two courts are available and two more may soon be constructed. Membership fees, men £2.10s. per annum, women £2. The Rules of the Club are posted in the hut at the Old Hospital Tennis Court.
PRINCIPAL BENEFACIONS

1948 Public Library of South Australia
State Library of Tasmania
University of Melbourne Library

1949 The Premier of Western Australia
Department of Defence
Oxford University
U.N.E.S.C.O.

1950 Papers of the Parliament of South Australia.
Journals and Papers of the Parliament of Tasmania (incomplete).
500 assorted volumes.
Papers and Debates of the Parliament of Western Australia. 234 volumes.
Allied Geographical Section——
Terrain studies, etc., of New Guinea and the Pacific Islands. 120 volumes.
Silver replica of the stave carried by the Oxford Bedel of Arts.
£445 for a study of the assimilation of Italian and German immigrants in Australia.
£250 for research on land utilization in Victoria.
Statistical Publications. 350 volumes.

1951 Commonwealth Bank of Australia, Rural Credits Development Fund
Commonwealth Bureau of Census and Statistics
Danish-Australian Cultural Fund
Lady Groom
High Court of Australia
Lady Isaacs
Norwegian-Australian Cultural Fund
Swedish-Australian Cultural Fund

1952 Australia and New Zealand Bank Ltd.
Commonwealth Bank of Australia, Rural Credits Development Fund
Baker Library, Harvard University
Clerk of the Legislative Assembly, Victoria
Professor P. A. Moran
University of Queensland Library.

1953 Chicago Natural History Museum
Clerk of the Papers, House of Representatives

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<tr>
<th>Year</th>
<th>Benefaction</th>
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<tr>
<td>1948</td>
<td>Public Library of South Australia</td>
<td>Papers of the Parliament of South Australia.</td>
</tr>
<tr>
<td>1948</td>
<td>State Library of Tasmania</td>
<td>Journals and Papers of the Parliament of Tasmania (incomplete).</td>
</tr>
<tr>
<td>1948</td>
<td>University of Melbourne Library</td>
<td>500 assorted volumes.</td>
</tr>
<tr>
<td>1949</td>
<td>The Premier of Western Australia</td>
<td>Papers and Debates of the Parliament of Western Australia. 234 volumes.</td>
</tr>
<tr>
<td>1949</td>
<td>Department of Defence</td>
<td>Allied Geographical Section—— Terrain studies, etc., of New Guinea and the Pacific Islands. 120 volumes.</td>
</tr>
<tr>
<td>1949</td>
<td>Oxford University</td>
<td>Silver replica of the stave carried by the Oxford Bedel of Arts.</td>
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<tr>
<td>1949</td>
<td>U.N.E.S.C.O.</td>
<td>£445 for a study of the assimilation of Italian and German immigrants in Australia.</td>
</tr>
<tr>
<td>1950</td>
<td>Commonwealth Bank of Australia, Rural Credits Development Fund</td>
<td>£250 for research on land utilization in Victoria.</td>
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<td>1950</td>
<td>Danish-Australian Cultural Fund</td>
<td>£2,151 to promote and maintain scientific and cultural contacts with Denmark.</td>
</tr>
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<td>1950</td>
<td>Lady Groom</td>
<td>£500 for the foundation of a 'Littleton Groom Memorial Scholarship', preferably in Law.</td>
</tr>
<tr>
<td>1950</td>
<td>High Court of Australia</td>
<td>A portrait in oils of Sir Edmund Barton.</td>
</tr>
<tr>
<td>1950</td>
<td>Lady Isaacs</td>
<td>£2,165 to strengthen the ties of friendship between Australia and Norway.</td>
</tr>
<tr>
<td>1950</td>
<td>Norwegian-Australian Cultural Fund</td>
<td>£1,610 to strengthen the ties of friendship between Australia and Sweden.</td>
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<td>1950</td>
<td>Swedish-Australian Cultural Fund</td>
<td>Australasian Insurance and Banking Record. 74 volumes.</td>
</tr>
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<td>1952</td>
<td>Australia and New Zealand Bank Ltd.</td>
<td>£1,500 for research on myxomatosis.</td>
</tr>
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<td>1952</td>
<td>Commonwealth Bank of Australia, Rural Credits Development Fund</td>
<td>Economic Works. 300 volumes.</td>
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<td>1952</td>
<td>Baker Library, Harvard University</td>
<td>Votes and Proceedings, Papers, etc. of the Parliament of Victoria. 260 volumes.</td>
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<td>1952</td>
<td>Clerk of the Legislative Assembly, Victoria</td>
<td>Mathematical Works. 100 volumes.</td>
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<td>1952</td>
<td>Professor P. A. Moran</td>
<td>Debates, Papers, Votes and Proceedings of the Parliaments of Queensland and New South Wales. 523 volumes.</td>
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<td>1952</td>
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<td>Chicago Natural History Museum Annual Report. 57 volumes.</td>
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<td>1953</td>
<td>Chicago Natural History Museum</td>
<td>Papers of the Parliament of the Commonwealth of Australia. 110 volumes.</td>
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<td>Clerk of the Papers, House of Representatives</td>
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Commonwealth Bank of Australia
Economic & Financial Reserve Fund
Economic & Financial Reserve Fund

Rural Credits Development Fund
Professor Sir Douglas Copland

Estate of the late Rt. Hon. W. M. Hughes

Department of National Development
Otago University Medical School
South Pacific Commission

1954
Australian War Memorial, Canberra
Commonwealth Bank of Australia, Rural Credits Development Fund
Sir Frederick Eggleston

Dominion Bureau of Statistics, Ottawa
Miss Amy Hall

Mrs A. J. Henman
Library of the University of Western Australia
Public Library of New South Wales.
South Pacific Commission

United Kingdom Government
Commonwealth Bank of Australia, Rural Credits Development Fund.
The Clerk, House of Assembly, Tasmania
Commonwealth Engineering Co. Ltd.
Professor P. A. Moran

Nuffield Foundation
Public Library of Victoria
South Pacific Commission

£500 for research in Economics.
£350 for research on the development of Australian commodity markets, 1850-1914.
£1,500 for research on myxomatosis.

Collection of works on economic questions, 100 volumes.

£2,000 for the preparation of a biography of the late Rt. Hon. W. M. Hughes.

£500 towards the cost of a geographical study of the Murrumbidgee Valley. Otago University, Medical School—Proceedings. 28 volumes.

£187 towards the cost of a demographic survey of some Pacific Islands.
Allied Geographical Section—Special Reports, 41 volumes.

£1,500 for research on myxomatosis.

A number of paintings, drawings and prints.
Canada Year Book, 40 volumes.

£300 for the purchase of a grand piano for University House.
Two oil paintings.

South Australia, Department of Mines—Mining Review, 58 volumes.

Papers and Debates of the Parliament of New South Wales, 205 volumes.

£300 towards the cost of a demographic survey of some Pacific Islands.

33 MeV electron synchrotron.

£2,500 for research on myxomatosis.

Journals and Papers of the Parliament of Tasmania, 29 volumes (to complete the Library's set).

£300 for research in Nuclear Physics.

Collection of Works by French and Italian authors, mainly of the nineteenth century, originally part of the library of the late Christopher Brennan. 1157 volumes.

£2,152 for research on post-war immigration to Australia.

Papers and Debates of the Parliament of Victoria, 399 volumes.

£250 towards the cost of a national income survey of the Gilbert & Ellice Islands.
<table>
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<th>Year</th>
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<td>Australia and New Zealand Bank Ltd.</td>
<td>£850 p.a. for 5 years towards the expenses of Visiting Professors of Economics and Finance.</td>
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<td>Commonwealth Bank of Australia</td>
<td>£1,000 p.a. for 5 years towards the expenses of Visiting Professors of Economics and Finance.</td>
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<td></td>
<td>English, Scottish &amp; Australian Bank Ltd.</td>
<td>£1,000 p.a. for 5 years towards the expenses of Visiting Professors of Economics and Finance.</td>
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<td>Rural Bank of New South Wales</td>
<td>£100 p.a. for 5 years towards the expenses of Visiting Professors of Economics and Finance.</td>
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<td>C.S.I.R.O., Wool Industry Fund</td>
<td>£1,500 for research on myxomatosis.</td>
</tr>
<tr>
<td></td>
<td>Mrs D. Garsia</td>
<td>The late Captain Garsia’s collection of Australian and Island Weapons.</td>
</tr>
<tr>
<td></td>
<td>The Right Honourable R. G. Menzies</td>
<td>A Greek terra-cotta figure.</td>
</tr>
<tr>
<td></td>
<td>New Zealand Government</td>
<td>Papers and Debates of the Parliament of New Zealand. 572 volumes.</td>
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<td></td>
<td>Mr R. W. Nicholas</td>
<td>Economic Record. Numbers 8-61.</td>
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<td></td>
<td>Nuffield Foundation</td>
<td>£2,252 for research on post-war immigration to Australia.</td>
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<td></td>
<td>Royal Society of London</td>
<td>£125 towards the costs of seismological observations during the series of atomic tests in South Australia.</td>
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<td></td>
<td>Professor A. D. Trendall</td>
<td>An Attic Black-figured Pitcher of the early sixth century B.C. and a Red-figured Sicilian Lekane.</td>
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<td>1957</td>
<td>Australian Atomic Energy Commission</td>
<td>£1,169 for the award of a Postgraduate Scholarship.</td>
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<td>Australian Atomic Energy Commission</td>
<td>£300 towards the expenses of a visit to Chalk River.</td>
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<td></td>
<td>Commonwealth Bank of Australia, Rural Credits Development Fund</td>
<td>£4,740 for research on myxomatosis.</td>
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<td></td>
<td>Commonwealth Engineering Co. Ltd.</td>
<td>£500 for research in Nuclear Physics.</td>
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<td></td>
<td>C.S.I.R.O., Wool Industry Fund</td>
<td>£1,575 for research on myxomatosis.</td>
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<td></td>
<td>General Motors-Holden’s Ltd.</td>
<td>£4,000 for the award of three Postgraduate Research Fellowships.</td>
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<td>German Research Council</td>
<td>Volumes 4-16, part II, of the 'Geschichte des Fixsternhimmels'. Five volumes of the 'Atti della Assemblea Costituitente'.</td>
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<td></td>
<td>Government of Italy</td>
<td>Reports, Proceedings, etc. of H.R.H. the Duke of Edinburgh's study conference on the human problems of industrial communities within the Commonwealth and Empire. 2 vols.</td>
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<tr>
<td></td>
<td>H.R.H. the Duke of Edinburgh</td>
<td>Two Attic Black-figure Cups of the late sixth century B.C.</td>
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<td>Dr Germaine A. Joplin</td>
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<td>Purpose</td>
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<td>Nuffield Foundation</td>
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<td>for research on myxomatosis.</td>
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<td>Nuffield Foundation</td>
<td>£2,220</td>
<td>to assist research on capital formation and national income.</td>
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<td>Nuffield Foundation</td>
<td>£50</td>
<td>towards the expenses of a Symposium on Bacterial and Viral Genetics.</td>
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<tr>
<td>Bayer Pharma Grant</td>
<td>£113</td>
<td>Contribution towards the work of the Medical Chemistry Dept.</td>
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<tr>
<td>C.S.I.R.O. Grant</td>
<td>£3,111</td>
<td>for research in Biological Inorganic Chemistry.</td>
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<tr>
<td>Rockefeller Grant</td>
<td>$500</td>
<td>for Rockefeller Foundation Fellowship.</td>
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<tr>
<td>Commonwealth Engineering Co. Ltd.</td>
<td>£500</td>
<td>for research in Nuclear Physics.</td>
</tr>
<tr>
<td>Commonwealth Government</td>
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<td>Grant towards Accelerator Project.</td>
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<tr>
<td>Nuffield Foundation</td>
<td>£2,475</td>
<td>for research on post-war immigration to Australia.</td>
</tr>
<tr>
<td>Department of Immigration</td>
<td>£4,570</td>
<td>for research into various short-term problems bearing on immigration.</td>
</tr>
<tr>
<td>General Motors-Holdens Ltd.</td>
<td>£5,800</td>
<td>for the award of 3 post-graduate Research Fellowships.</td>
</tr>
<tr>
<td>Australian Atomic Energy Commission</td>
<td>£1,086</td>
<td>for the award of a post-graduate Scholarship.</td>
</tr>
<tr>
<td>Rockefeller Foundation</td>
<td>$30,000</td>
<td>for purchase of equipment and material. Department of Microbiology.</td>
</tr>
<tr>
<td>Snowy Mountains Hydro-electric Authority</td>
<td>£333</td>
<td>towards expenses of seismological work. Department of Geophysics.</td>
</tr>
<tr>
<td>Office of Naval Research</td>
<td>£300</td>
<td>for research in Astronomy.</td>
</tr>
<tr>
<td>Commonwealth Government</td>
<td>£600,000</td>
<td>for purchase of Tandem Generator.</td>
</tr>
<tr>
<td>Anonymous</td>
<td>£50</td>
<td>to be used at Vice-Chancellor's discretion.</td>
</tr>
<tr>
<td>Sir Leslie Melville</td>
<td>£100</td>
<td>towards Vice-Chancellor's Discretionary Fund.</td>
</tr>
</tbody>
</table>

The above list has been compiled for the information of interested persons and as further acknowledgement of gifts received. For these reasons mention must be made here of numerous other grants received by past and present members of staff, and therefore indirectly the University, from:

- The British Council
- The Carnegie Corporation of New York
- The C.S.I.R.O.
- The Nuffield Foundation
- The Rockefeller Foundation
- The United States Educational Foundation.
REPORT OF THE COUNCIL

For the Period 1 January 1957, to 31 December 1957

To His Excellency Field-Marshal Sir William Slim, G.C.B., G.C.M.G.,
G.C.V.O., G.B.E., D.S.O., M.C., K.St.J., Governor-General and
Commander-in-Chief in and over the Commonwealth of Aus­
tralia.

MAY IT PLEASE YOUR EXCELLENCY:

I have the honour to transmit to Your Excellency the report of
the Council of The Australian National University for the period
from 1 January 1957, to 31 December 1957, furnished in compliance
with Section 33 of the Australian National University Act 1946-1947.

THE COUNCIL

The Council met seven times during the year in February, March,
May, July, September, November and December. Dr H. C. Coombs
continued to act as Deputy Chairman of the Council.

The resignation from the Council of Mr R. J. L. Hawke was
accepted by the Council on 15 March 1957. The terms of office of
Mr E. R. Dawes, Professor J. W. Davidson, Mr W. D. Borrie,
Professor P. H. Partridge and Mr W. P. Hogan expired on 30 June
1957.

Elections took place and appointments were made in accordance
with the provisions of the University Act, and the following
Councillors took office as from 1 July 1957.

Members elected by the Senate—
John Archibald McCallum, B.A. (Syd.).
Dorothy Margaret Tangney, B.A., Dip.Ed. (W.A.).

Members appointed by the Governor-General—
Sir Ian Clunies Ross, Kt., C.M.G., D.V.Sc. (Syd.), Hon.LL.D.
(Melb.), F.A.A.
Warren d'Arcy McDonald, C.B.E.
Sir Frank Richardson, Kt.

Members elected by Convocation—
Herbert Burton, B.A. (Q'ld.), M.A. (Oxon and Melb.).
Herbert Cole Coombs, M.A. (W.A.), Ph.D. (Lond.), Hon. LL.D.
(Melb.).
John Carew Eccles, M.B., B.S. (Melb.), M.A., D.Phil. (Oxon),
Charles Patrick FitzGerald.
Roy Douglas Wright, D.Sc., M.B., M.S. (Melb.), F.R.A.C.S.,
F.R.A.C.P.
Members elected by the Staff—
Bart Jan Bok, Ph.D. (Groningen).
John Arthur Passmore, M.A. (Syd.).

Members elected by the Students—
Allan John Lewis Catt, M.Com. (N.Z.)
Philip Dudley Marchant, B.A. (Syd.)

At a meeting held in accordance with the provisions of the University Act on 12 July 1957, the Right Honorable Viscount Bruce of Melbourne was co-opted as a member of the Council, to hold office until 31 July 1958.

ACADEMIC DEVELOPMENTS

Degrees Awarded
The degree of Doctor of Science was conferred on Dr Gerard H. de Vaucouleurs (Astronomy), who thus became the first person to be admitted to this degree of the University by examination. The degree of Doctor of Philosophy was conferred on Mr David R. Curtis (Physiology), Mr Albert W. Liley (Physiology), Mr Leslie W. Wheeldon (Biochemistry), Mr Alan E. Beck (Geophysics), Mr James A. Barnard (Economics), Mr Ronald O. Hieser (Economics), Miss Carleen O'Loughlin (Economics), Mr Russel B. Ward (History), Mr Noel Barnard (Far Eastern History), Mr Harold J. Fallding (Anthropology), Mr Colin W. Newbury (Pacific History), Mr Bernard W. Smith (Pacific History).

Enrolments
Twenty-two new research students enrolled in 1957 and the total number enrolled at the end of the year was 65. Of the new students fifteen were Australians, two were from the United States of America, and one each from Germany, Hungary, Israel, New Zealand and the United Kingdom.

Staff Appointments
Professor J. A. Barnes was appointed Professor of Anthropology and will take up the appointment in May 1958. Mr W. D. Borrie was promoted from Reader to Professor of Demography.

Other senior appointments were—
Dr T. Dunham, Reader in Optics,
Dr J. D. Freeman, Reader in Anthropology,
Mr H. J. M. Abraham, Head of the Time Service,
Mr J. W. Blamey, Senior Research Engineer in Particle Physics,
Dr S. A. Wurm, Senior Fellow in Linguistics.

No senior member of the permanent academic staff resigned during the year.

Seven Research Fellows left the University at the expiry of these temporary appointments; two joined the University of Melbourne,
and others took up appointments at the University of New England, the Canberra University College, Magee University College and the International Bank for Reconstruction and Development. One Research Fellow resigned on his appointment to a Chair at the University of Tasmania.

**Study Leave**

The following members of staff were on study leave for some part of the year:

- Professor A. Albert, Professor of Medical Chemistry,
- Professor A. H. Ennor, Professor of Biochemistry,
- Professor F. J. Fenner, Professor of Microbiology,
- Professor J. C. Jaeger, Professor of Geophysics,
- Professor L. C. Webb, Professor of Political Science,
- Mr L. F. Fitzhardinge, Reader in Sources of Australian History,
- Dr A. R. Hogg, Reader in Astronomy,
- Mr F. Scarf, Reader in Radiochemistry.

**Visiting Research Workers**

The University enjoyed extended visits from the following overseas research workers to whom the University was glad to afford facilities for their work:

- Department of Biochemistry—
  Professor A. Baird Hastings, Harvard University.
- Department of Medical Chemistry—
  Dr T. K. Adler, University of California.
- Department of Microbiology—
  Dr E. A. Boulter, Microbiological Research Department, Porton.
- Department of Astronomy—
  Dr F. B. Wood, University of Pennsylvania.
- Department of Demography—
  Dr D. C. Corbett, University of British Columbia.
- Department of Economics—
  Professor F. W. Paish, London School of Economics and Political Science.
- Department of International Relations—
  Professor P. M. A. Linebarger, Johns Hopkins University.
- Department of Pacific History—
  Dr D. C. Gordon, University of Maryland.
- University House—
  Professor J. T. Burke, University of Melbourne.

**GENERAL DEVELOPMENT**

The University devoted much time and thought to preparing material for the consideration of the Commonwealth Government's
Committee on Australian Universities of which Sir Keith Murray was Chairman. The Committee's report has been welcomed as an inspiring and imaginative, yet realistic survey of the present situation in Australian Universities, the tasks before them and the means necessary to enable them to meet the challenge of a rapidly growing population and the rapidly developing needs of this country in science and technology and for social, economic and cultural progress. The University has been most appreciative of the Commonwealth Government's rapid and generous response to the Committee's recommendations.

The University has been glad to play some part in the work of the International Geophysical Year. The Department of Geophysics is working on seismographie and hydrological data. Mount Stromlo Observatory is engaged on determining its precise position in relation to points outside the Earth; this will assist future investigations of theories of continental drift; this work will also yield information on the orbit of the Moon and the size, shape and movement of rotation of the Earth.

The University conferred the following Honorary Degrees on three distinguished Australians:
- Sir David Rivett, F.R.S., Doctor of Laws.
- Sir Daryl Lindsay, Doctor of Laws.
- Mr Hedley Marston, F.R.S., Doctor of Science.

Site and Buildings

The Government agreed that work should go ahead on a permanent building for the University Library. Sketch plans were developed during the year and it is hoped that detailed drawings will be prepared in the near future.

The permanent laboratories of the John Curtin School of Medical Research, which were brought to completion in December 1956, were occupied early in 1957. The official opening of the School took place on 27 March 1958.

The Council considered the siting and building needs of the Department of Geophysics and tenders were called for an additional building for the Department. Work will start on this building soon.

Preliminary consideration was given to the building of permanent premises for the Research Schools of Social Sciences and Pacific Studies and the Council hopes that it will shortly appoint an architect to prepare sketch plans.

Visitors

During the year the University was honoured by the visits of—
- His Excellency Ngo Dinh Diem, President of the Republic of Viet Nam.
- His Excellency Nobusuke Kishi, Prime Minister of Japan.
- His Excellency Dr H. von Brentano, Foreign Minister of the German Federal Republic.
Among visitors to the University from overseas Universities and institutions were—

The late Professor V. Gordon Childe, formerly Director of the Institute of Archaeology, London.
Professor D. W. Brogan, Professor of Political Science in the University of Cambridge.
Professor Gunnar Myrdal, formerly Executive Secretary of the Economic Commission for Europe.
President H. Dodds, formerly President of Princeton University.
Professor E. N. de C'Andrade, formerly Director of the Royal Institute, London.
Professor W. K. C. Guthrie, Professor of Ancient Philosophy in the University of Cambridge.
Professor F. Walker, Professor of Geology, Queen’s College, Dundee.
Professor B. J. Beckhart, Professor of Banking in Columbia University.
Professor B. Katz, Professor of Biophysics, University College, London.
Professor R. P. Goldthwaite, Professor of Geology, Ohio State College.
Professor W. B. Hamilton, Professor of History, Duke University.
Professor J. Lauriston Sharp, Professor of Anthropology, Cornell University.
Professor J. Lederberg, Professor of Genetics in the University of Wisconsin.

Financial

Statements of accounts are attached.

The Rural Credits Development Fund of the Commonwealth Bank of Australia continued its support of the work on myxomatosis with a grant of £2,240. The Wool Research Fund made a grant of £9,925 to cover the running expenses of the research on myxomatosis.

A sum of £4,000 was granted to the University by General Motors-Holden’s Ltd for the award of three Post-graduate Research Fellowships, and the Australian Atomic Energy Commission made £1,169 available for the award of a Post-graduate Scholarship.

The Nuffield Foundation donated £2,252 to enable the Department of Demography to undertake a research project concerning post-war immigration to Australia, and the Social Sciences Research Council of New York undertook to provide £2,220 to assist the Department of Economics’ research on capital formation and national income.

Statistics

The statistical tables furnished to the Commonwealth Statistician
in respect of the University's operations in 1958 are reported in the appendix to the Annual Report.

Full reports from the Research Schools, University House, and the Library are appended.

THE DEVELOPMENT OF 1957 IN SUMMARY

John Curtin School of Medical Research

Work has continued in the Department of Biochemistry on problems mentioned in previous Annual Reports, and, in addition, some work has been initiated on protein synthesis.

The Department of Experimental Pathology has continued its research on the mechanism of renal hypertension and the influence of pregnancy upon it.

The Department of Medical Chemistry has been working in two main fields: these are the fundamental organic and physical chemistry of pteridines, purines and pyrimidines, especially in relation to their biological actions, and a study of quantitative aspects of metal chelation under physiological conditions. The latter is strongly implicated in the mechanism of drug action.

In the Department of Microbiology increased use has been made of animal cells grown in culture. A member of the staff spent four months at the California Institute of Technology to learn the new techniques involved. During the year unequivocal evidence was produced of genetic recombination between different strains of vaccinia virus.

The experimental work in the Department of Physiology has been related particularly to the fundamental physiological and pharmacological properties of the nervous system. This has been done by the application of micro-electrode techniques to individual nerve cells in the central nervous system and also to neuromuscular junctions and sympathetic ganglia. The range of the investigations has been broadened by studying the behaviour of nerve cells and neuromuscular junctions under pathological conditions and the action of drugs and toxins. Furthermore, the arrangement of nerve cells and the simplest patterns of connection have been studied in the spinal cord.

Research School of Physical Sciences

The Department of Astronomy is concentrating upon research on the Milky Way System, including studies of colours, magnitudes, spectra and radial velocities of stars and clusters, upon the Star Clouds of Magellan, and upon selected variable stars. The Observatory maintains and operates the Australian National Time Service. The principal new development is the work begun towards the construction of a large Coudé spectrograph for the 74-inch Reflector. This 74-inch Reflector and the Uppsala Schmidt Telescope are now in full-time operation and the 8-inch f/1 Schmidt Telescope is
completing the map of the Southern Milky Way. The 50-inch Reflector is ready for full-scale operation.

In the Department of Particle Physics progress has been made with the design and construction of the homopolar generator, with the radiofrequency section of the accelerator and with the understanding of the problems of cementing metals with epoxy resins.

The analysis of the orbits of protons in the cyclotron has led to important advances in the intensity and homogeneity of the extracted beam.

In the Department of Nuclear Physics the two H.T. accelerators have been fully used in studying fast neutron, proton capture and photonuclear reactions, notably photoproton reactions for which a new technique involving scintillation crystals was developed. Work with the 33-MeV electron-synchrotron has included the study of photonuclear reactions and the production of radioactive isotopes for beta and gamma-ray spectroscopy.

Following considerable thought on future needs, a proposal was submitted to the University Council for the purchase of a 2-12 MeV tandem generator—a newly developed and most flexible accelerator.

The transfer of the Department of Radiochemistry to more spacious accommodation has been completed. Work is continuing on the isotopic assay of lead ores by mass spectrometer and on the mineral processing and chemical techniques involved in the measurement of rock ages. Studies in diffusion and electrolyte chemistry, in the reaction kinetics of organosilane-halide systems and in nuclear chemistry are proceeding.

The Department of Theoretical Physics continued calculations on mathematical models of the nucleus. Satisfactory agreement with experimental results on the absorption of gamma-rays and the scattering of electrons by nuclei was obtained, thus confirming the validity of the models considered.

In the Department of Geophysics work has continued on the measurement of temperatures in the Earth's crust; on the direction of the Earth's magnetic field throughout geological time; on the magnetic properties of rocks; and on the study of meteorites. New apparatus for deforming rocks at confining pressures of up to ten thousand atmospheres has been brought into operation, and a seismological observatory has been established near Mount Stromlo.

Research School of Social Sciences

The Department of Demography continued and extended its research in the field of immigration, the main extension being the initial planning of studies of British immigrants. Further work was also undertaken on the growth and structure of the Australian population, with particular emphasis upon the economic and social consequences of changing age composition.
The Department of Economics continued its work on the processes and problems of economic growth and fluctuation.

In the Department of History the emphasis has been on Australian political and social history in the second half of the nineteenth and early twentieth century.

In the Department of Law work was continued on Australian federal political and legislative history, on the law of controls and a field survey was made of State industrial arbitration systems.

The Department of Political Science includes within its scope Public Administration. Its work has been focused mainly on the relations between social groups and the State, the groups principally studied being political parties, trade unions, churches, and producer groups. The main emphasis so far has been on the functioning of the Australian party system and work has included both studies of major parties and regional electoral surveys. Public administration work, at present directed to Australian governmental staffing problems, includes studies of public service reform 1880-1914, the administration of scientific research, Commonwealth promotion policies, and recruitment, education and training for higher administration.

The Department of Social Philosophy conducted studies in modern political theory, the logic of the Social Sciences, and in the history of philosophy and social thought.

In the Department of Statistics work continued during the year on the theory of stationary random processes, on population genetics, on the theory of neutralization of viruses by antibodies, on income distributions and on a number of other problems in mathematical statistics.

Research School of Pacific Studies

During 1957 members of the Department of Anthropology and Sociology carried out anthropological field research among the Aborigines of north-western New South Wales, and central and northern Australia; the Papuans of New Guinea; the Iban and Bisaya of Sarawak, the Tamils of southern India and the Pandits of Kashmir. A survey of a number of hitherto unrecorded Aboriginal languages of New South Wales was also undertaken.

The work of the Department of Far Eastern History is concerned with the history of China, Japan and their dependent or neighbouring countries. Some of this has been directed to the early period of Chinese history, but work has also been done in the past year on the most modern age.

In Japanese history, members of the Department have so far concentrated on the late nineteenth century, although a former member of the Department has done considerable work on the Tokuwaga period.

Facilities for research have expanded with the increase of the
Oriental Collection of the Library and arrangements for co-operation with the School of Oriental Studies in Canberra University College and the National Library, both of which have added to their collections of Chinese and Japanese books during the past year.

As well as continuing its work on various aspects of the agrarian geography of the south-east Australia, the Department of Geography has extended its geomorphological interests with studies (inter alia) of Bass Strait and the Gippsland Lakes, while work on New Guinea has been strengthened by the initiation of studies in the demographic geography of the island, and a contribution which has aroused some interest has been made on the problem of a possible pre-Dutch discovery of Australia.

In the Department of International Relations work was done on the policies of the Chinese Peoples' Republic, India and other powers in South-East Asia, the latter focusing in a project on SEATO. Theoretical work on scientific potential in the U.S.S.R. and Communist China and on the international effects of military innovations was also carried on.

The Department of Pacific History has been engaged in the study of government and related institutions in the islands of the Central Pacific, in Papua-New Guinea, and in India and Malaysia. In addition, one member of the Department has commenced research in the development of archives in Australia and New Zealand.

Library

The hope expressed in the previous Annual Report that a start would be made in 1957 on the construction of a permanent building for the University Library unfortunately did not materialize. It is, however, hoped that the delay will result in the erection in the near future of a building that will represent a distinct contribution to Canberra architecture.

During the year the Medical Library was transferred from its former temporary building to permanent quarters in the new Medical School in which it has been possible to provide a generous display place for periodicals and facilities for reading.

University House

The number of permanent residents in University House has been steadily growing and an ever-increasing use is being made of the facilities it has to offer as a meeting-place for clubs and societies. In this respect it is beginning to play more fully its role of bringing together members of the different Schools in the University, as well as affording them opportunities of meeting scholars from other Australian and overseas Universities.

Copies of the full report are available from the Registrar.
STAFF PUBLICATIONS IN 1957 AND 1958

The following bibliography lists the scholarly books and articles published by members of the Australian National University in 1957 and, up to the time of going to press, in 1958. The list includes work published by former members of the University based on research carried out under its auspices.

The bibliography falls naturally into four main sections—the four schools of the University: the John Curtin School of Medical Research; the Research School of Physical Sciences; the Research School of Social Sciences; and the Research School of Pacific Studies.

Within each School the bibliography is further divided into Departments—alphabetical in order of author's name, in each department. Works of joint-authorship are listed under the name of the author first appearing in the credit line or contents list of the original journal. An asterisk signifies where a joint author has not been a member of the Australian National University. Each author's publications are in alphabetical order, grammatical articles and the convention 'Contribution to' having been ignored. Where any title begins with a figure, that figure has been regarded as spelt out for alphabetical order purposes.

The bibliography for the years 1950 to 1956 may be seen in the 1958 Calendar or on application to the Registrar.

An alphabetical list of the journals cited, showing places of publication and the abbreviations used, was printed in the 1958 Calendar. The list will be printed again in 1963 and thereafter every five years.
JOHN CURTIN SCHOOL OF MEDICAL RESEARCH

Biochemistry

1957

BLAKLEY, R. L.
'The interconversion of serine and glycine: Preparation and properties of catalytic derivatives of pterolglutamic acid.' Biochem. J., 65, 331

COLLINS, F. D., WHEELDON, L. W.
'Studies on phospholipids. 2. 2:4 dinitrophenylecephalins.' Biochem. J., 66, 441

ELLIOTT, W. H.
'The breakdown of ATP accompanying cholic acid activation by guinea pig liver microsomes.' Biochem. J., 65, 315

GORDON, M. P.,* MAGRATH, D. I., BROWN, G. B.*
'The identification of phosphorylated metabolites of 9-beta-D-ribofuranosylpurine.' Journal of the American Chemical Society, 79, 3256

GRIFFITHS, D. E., MORRISON, J. F., ENNOR, A. H.
'A study of the kinetics of the reactions catalysed by arginine phosphokinase.' Biochem. J., 65, 153

'The distribution of guanidines, phosphagens and N-amidino phosphokinases in Echinoids.' Biochem. J., 65, 612

HAMPTON, A.,* MAGRATH, D. I.
'Synthesis of an isopropylidene derivative of an alkali-labile nucleoside: 2',3'-O-Isopropylidene-9-beta-D-ribofuranosylpurine.' Journal of the American Chemical Society, 79, 3250

KRATZING, C. C., POWNING, R. F.
'The reduction of pyridine coenzymes at a mercury electrode.' Arch Bioch, biophys., 66, 249

MAGRATH, D. I., BROWN, G. B.*
'The synthesis of 9-beta-D-ribofuranosylpurine-5'-phosphate and its behaviour toward aqueous alkali.' Journal of the American Chemical Society, 79, 3252

MORRISON, J. F., GRIFFITHS, D. E., ENNOR, A. H.
'The purification and properties of arginine phosphokinase.' Biochem. J., 65, 143

WHEELDON, L. W., COLLINS, F. D.
'Studies on phospholipids. 1. The determination of amino-nitrogen in unhydrolysed phospholipids.' Biochem. J., 66, 435

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BLAKLEY, R. L.


COLLINS, F. D.


‘Complex phospholipids.’ *Nature*, 182, 865

COLLINS, F. D., WHEELDON, L. W.

‘Studies on phospholipids. 4. Determination of ethanolamine and serine.’ *Biochem. J.*, 70, 46

ELLIOTT, W. H.


ENNOR, A. H.


ENNOR, A. H., MORRISON, J. F.

‘The biochemistry of the phosphagens and related guanidines.’ *Physiol. Rev.*, 38, 631

MORRISON, J. F., ENNOR, A. H., GRIFFITHS, D. E.


‘The preparation of barium monophosphotaurocyamine.’ *Biochem. J.*, 68, 447

MORRISON, J. F., GRIFFITHS, D. E.


WHEELDON, L. W., COLLINS, F. D.

‘Studies on phospholipids. 3. Determination of choline.’ *Biochem. J.*, 70, 43

WHITE, I. G.,* GRIFFITHS, D. E.

‘Guanidines and phosphagens of semen.’ *Austral. J. exp. Biol.*, 36, 97

*Experimental Pathology*

1957

DODSON, L. F.

‘The pressor response to hypertensin in pregnant rats.’ *Brit. J. exp. Path.*, 38, 635
Dodson, L. F., Mackaness, G. B.
'The estimation of basal blood pressure in the rat by tail oscilloscope.' *Brit. J. exp. Path.*, 38, 618

Mackaness, G. B., Dodson, L. F.
'The pressor response to renin during pregnancy in the rat.' *Brit. J. exp. Path.*, 38, 628

Wright, R. D.,* Florey, H. W.,* Sanders, A. G.* (Guest workers)
'Observations on the gastric mucosa of reptilia.' *Quarterly Journal of Experimental Physiology*, XLII, 1

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Medical Chemistry

1957

Albert, A.
'The relationship between structure and biological activity.' *Ergebniss. der Physiol.*, 49, 425
'Transformation of purines into pteridines.' *Biochem. J.*, 65, 124
'The spectrum of thiazole.' *Chem. & Ind.*, p. 1271

Brown, D. J.
'The structure of the hydroxypurines, investigated by O- and N-methylation.' *Ciba Symposium on the Chemistry and Biology of Purines*. London: Churchill, p. 50

Brown, D. J., Mason, S. F.
'Purine studies III. The structure of the monohydroxy- and monomercapto-purines: Some thiazolo-[5:4-d] pyrimidines.' *J. chem. Soc.*, p. 682

Mason, S. F.
'The tautomerism of N-heteroaromatic hydroxy-compounds. Part I. Infrared spectra.' *J. chem. Soc.*, p. 4874
'The tautomerism of N-heteroaromatic hydroxy-compounds. Part II. Ultraviolet spectra.' *J. chem. Soc.*, p. 5010
'The structure of the amide ion.' *J. Phys. Chem.*, 61, 384
'The spectra and structure of the monohydroxy-purines and other potentially tautomeric purines.' *Ciba Symposium on the Chemistry and Biology of Purines*. London: Churchill, p. 60
ADLER, T. A.

ALBERT, A.
'Separation of the "γ-picoline" fraction of pyridine bases.' *Chemistry and Industry*, p. 582
'Metal-binding agents in chemotherapy: the activation of metals by chelation.' In *The Strategy of Chemotherapy*. Cambridge: The University Press, p. 112
'Chemical aspects of Selective Toxicity.' *Nature*, 182, 421-3

ALBERT, A., BARLIN, G. B.
'Quantitative studies of tautomerism in heterocyclic mercaptans.' In *Current Trends in Heterocyclic Chemistry*. London: Butterworth, p. 51

BROWN, D. J.
'Some 2-substituted linear naphthimazoles.' *J. chem. Soc.*, 401, 1974-7

MASON, S. F.
'The tautomerism of N-heteroaromatic hydroxy-compounds. Part III. Ionization constants.' *J. chem. Soc.*, p. 674
'The infrared spectra of N-heteroaromatic systems. Part I. The porphins.' *J. chem. Soc.*, p. 976

PERRIN, D. D.
'The Ion, Fe(CNS)$_2$$^+$. Its association constant and absorption spectrum.' *J. Amer. chem. Soc.*, 80, 3852
'Complex formation between ferric ion and glycine.' *J. chem. Soc.*, p. 3120
'A spectrophotometric study of some molybdenum thiocyanate complexes.' *J. Amer. chem. Soc.*, 80, 3540
'The stability constant of the ferric glycine complex.' *J. phys. Chem.*, 62, 767
'Stability of metal complexes with salicylic acid and related substances.' *Nature*, 182, 741
'The stability of complexes of ferric ion and amino-acids.' *J. chem. Soc.*, p. 3125
Perrin, D. D.

Spinner, E.
'The causes of secondary hydrogen isotope effects.' *Chem. & Ind.*, p. 827

**Microbiology**

Cairns, H. J. F.
'The asynchrony of infection by influenza virus.' *Virology*, 3, 1

Cairns, H. J. F., Fazekas de St. Groth, S.
'The number of allantoic cells in the chick embryo.' *J. Immunol.*, 78, 191

Fenner, F.
'Myxomatosis in European rabbits—Evolutionary changes in an infectious disease.' *Aust. J. Sci.*, 19, 117

'Homologous and heterologous immunity in infections of mice with *Mycobacterium ulcerans* and *Mycobacterium balnei*.' *Amer. Rev. Tuberc.*, 76, 76

'Genetic studies with vaccinia virus.' *Aust. J. Sci.*, 20, 75

Fenner, F., Burnet, F. M.*
'A short description of the poxvirus group (vaccinia and related viruses).' *Virology*, 4, 305

Fenner, F., Marshall, I. D.
'A comparison of the virulence for European rabbits (*Oryctolagus cuniculus*) of strains of myxoma virus recovered in the field in Australia, Europe and America.' *J. Hyg. Camb.*, 55, 149

Fenner, F., Poole, W. E.*, Marshall, I. D., Dyce, A. L.*
'Studies in the epidemiology of infectious myxomatosis of rabbits, VI.' *J. Hyg. Camb.*, 55, 192

Joklik, W. K.
'Adenine succinic acid and adenylsuccinic acid from mammalian liver: Isolation and identification.' *Biochem. J.*, 66, 333

Fazekas de St. Groth, S., Graham, D. M.
'The teratology of influenza viruses.' VIIth International Congress for Microbiology 1958. Abstract 13h

Fazekas de St. Groth, S., Graham, D. M., Jack, I.*
'The serology of mumps infections. I. A new source of antigen and a simplified complement fixation test.' *J. Lab. clin. Med.*, 51, No. 6, 883
Fazekas de St. Groth, S., Marshall, I. D.
'The infectivity of "killed" influenza virus.' VIIth International Congress for Microbiology 1958. Abstract 16c

Fazekas de St. Groth, S., Reid, A. F.†
'The neutralization of animal viruses. II. A critical comparison of hypotheses.' J. Immunol., 80, No. 3, 225

Fazekas de St. Groth, S., Watson, G. S., Reid, A. F.†

Fazekas de St. Groth, S., White, D. O.
'The dose-response relationship between influenza viruses and the surviving allantois.' J. Hyg. Camb., 56, No. 4
'Comparison of the infectivity of influenza viruses in two host systems: The allantois of intact eggs and surviving allantois-on-shell.' J. Hyg. Camb., 56, No. 4
'An improved assay for the infectivity of influenza viruses.' J. Hyg. Camb., 56, 151

Fazekas de St. Groth, S., Withell, J., Lafferty, K. J.
'An improved assay method for neutralizing antibodies against influenza viruses.' J. Hyg. Camb., 56, No. 3, 415
'The mechanism of virus-antibody union.' VIIth International Congress for Microbiology 1958. Abstract 11h

Fenner, F.
'The biological characters of several strains of vaccinia, cowpox and rabbitpox viruses.' Virology, 5, No. 3, 502
'Listerian Oration—The seed and the soil: Host susceptibility in infectious diseases.' Med. J. Aust., 2, No. 15, 477
'Recent advances in viral infections of childhood.' Med. J. Aust., 2

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'Genetic studies with mammalian poxviruses. I. Demonstration of recombination between two strains of vaccinia virus.' Virology, 5, No. 3, 530

Marshall, I. D., Fenner, F.
'Studies in the epidemiology of infectious myxomatosis of rabbits. V. Changes in the innate resistance of Australian wild rabbits exposed to myxomatosis.' J. Hyg. Camb., 56, No. 2, 288

† Department of Radiochemistry.
‡ Department of Statistics.
Physiology

1957

Brooks, V. B., Curtis, D. R., Eccles, J. C.
'The action of tetanus toxin on the inhibition of motoneurones.' J. Physiol., 135, 655

Coombs, J. S., Curtis, D. R., Eccles, J. C.
'The interpretation of spike potentials of motoneurones.' J. Physiol., 139, 198
'The generation of impulses in motoneurones.' J. Physiol., 139, 232

Coombs, J. S., Eccles, J. C., Fatt, P.
'Proprietes Electriques de la Membrane de surface d'un moteuronne.' Colloques Internationaux du Centre National de la Recherche scientifique. No. 67
'Nature du potentiel post-synaptique inhibiteur.' Colloques Internationaux du Centre National de la Recherche scientifique. No. 67

Curtis, D. R., Eccles, J. C., Eccles, R. M.
'Pharmacological studies on spinal reflexes.' J. Physiol., 136, 420

Eccles, J. C.
'Some aspects of Sherrington's contribution to neurophysiology.' Notes and Records of the Royal Society of London, 12, 216-25
'The clinical significance of research work on the chemical transmitter substances of the nervous system.' (The Bancroft Memorial Lecture.) Aust. Med. J., 1, 745
'Excitatory and inhibitory synaptic action.' Harvey Lectures, 51, 1
'The generation of impulses by nerve cells.' Aust. J. Sci., 19, 161
The Physiology of Nerve Cells. 270 pp. Baltimore: Johns Hopkins Press
'Tonic and phasic motoneurones and the gamma-loop.' La Pathologie du System Extrapyramidal. Suppl. Acta Medica Belgica, p. 81

Eccles, J. C., Eccles, R. M., Lundberg, A.
'The convergence of monosynaptic excitatory afferents on to many different species of alpha motoneurones.' J. Physiol., 137, 22
'Durations of after-hyperpolarization of motoneurones supplying fast and slow muscles.' Nature, Lond., 179, 866
'Synaptic actions of motoneurones caused by impulses in Golgi tendon organ afferents.' J. Physiol., 138, 227
'Synaptic actions on motoneurones in relation to the two components of Group I muscle afferent volley.' J. Physiol., 136, 527
Eccles, J. C., Libet, B., Young, R.

'Abnormalities in the behaviour of chromatolysed motoneurones.' (Fourth International Congress of Electro-Encephalography and Clinical Neurophysiology.) Excerpta Medica, Section 8, Suppl. vol. 10, 149

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'Integrative pattern of reflex actions by impulses in large muscle spindle afferents on motoneurones to hip muscles.' Experientia, 13, 414

'Spatial facilitation in the “direct” inhibitory pathway.' Nature, Lond., 179, 1305

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'Electric potentials occurring around a neurone during its antidromic activation.' J. Neurophysiol., 20, 27

'Sequence of events in synaptic activation of a motoneurone.' J. Neurophysiol., 20, 61

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'Adrenaline and failure of neuromuscular transmission.' Nature, Lond., 180, 814

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'Spontaneous release of transmitter substance in multiquantantal units.' J. Physiol., 136, 595

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'The mechanism of establishment of secretory potentials in sublingual gland cells.' Acta physiol., scand., 40, 35

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'Controlled differentiation of muscle.' J. Physiol., 143, 23-4

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'The excitation of Renshaw cells by pharmacological agents applied electrophoretically.' J. Physiol., 141, 435-45

'The effect of diffusional barriers upon the pharmacology of cells within the central nervous system.' J. Physiol., 141, 446-63

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'Gamma-Amino-n-Butyric acid and spinal synaptic transmission.' Nature. 182, 323-4
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‘Crossed inhibition of sacral motoneurones.’ J. Neurophysiol., 21, 319-26

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‘Problems of plasticity and organization at simplest levels of mammalian central nervous system.’ Perspectives in Biology and Medicine. Vol. 1, No. 4
‘The physiology of imagination.’ Scientific American, 199, 135-46

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‘The action potentials of the alpha motoneurones supplying fast and slow muscles.’ J. Physiol., 142, 275-91

Eccles, J. C., Jaeger, J. C.†

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‘The behaviour of chromatolysed motoneurones studied by intracellular recording.’ J Physiol., 143, 11-40

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‘Significance of supraspinal control of reflex actions by impulses in muscle afferents.’ Experientia, 14, 197-9

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‘Motor units in the rat diaphragm.’ J. Physiol., 140, 427-39
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‘Acetylcholine in mammalian neuromuscular transmission.’ Nature, 182, 805-6

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† Department of Geophysics.
Animal Breeding Establishment

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**Whitten, W. K.**

'Culture of tubal ova.' *Nature, Lond.*, 179, 1081

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