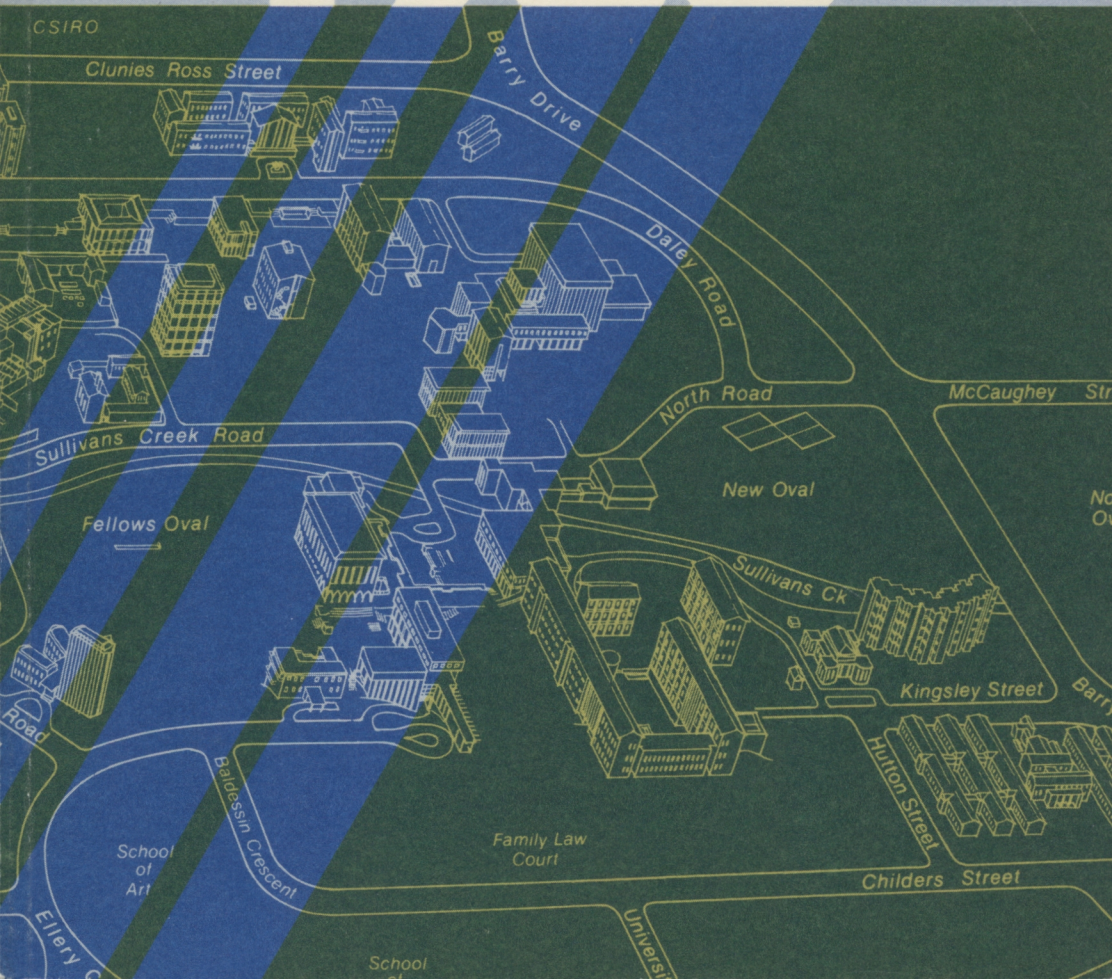


The Australian  
National University  
Calendar

1980



The Australian  
National University

# Calendar 1980

Canberra 1980

*Postal address*  
The Australian  
National University  
PO Box 4  
Canberra ACT 2600

*Telegraphic address*  
Natuniv, Canberra

*Telephone number*  
(062) 495111

*Telex*  
Natuni AA 62760

*Official correspondence*  
is conducted by the Secretary

ISSN 0562-087X

Typeset by  
TypoGraphics Communications Pty Ltd  
Sydney

Printed at Griffin Press Limited,  
Marion Road, Netley, South Australia.

## The Arms of the University granted in 1954



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.

The motto 'Naturam Primum Cognoscere Rerum' is from the poem *De Rerum Natura* (III, 1072) by Lucretius, Roman poet, philosopher and scientist. It is translated by Cyril Bailey (1946) 'first to learn the nature of things'; an alternative, following Rolfe Humphries' 1968 translation of *De Rerum Natura*, would be 'above all to find out the way things are'.

# Contents

<i>Page</i>	<b>ix Academic Year</b>
	<b>x Principal Dates 1980</b>
	<b>xii University Officers</b>
	<b>xiii The Council</b>
	<b>xv Principal Committees and Boards</b> Committees of the Council and academic Boards
	<b>1 The University</b> A brief introduction
	<b>4 Degree Studies and Scholarships</b> Undergraduate admission and degrees National undergraduate scholarships Postgraduate studies Degree of master Degree of Doctor of Philosophy Postgraduate scholarships
	<b>7 The Research Schools</b> Research School of Biological Sciences Research School of Chemistry Research School of Earth Sciences The John Curtin School of Medical Research Research School of Pacific Studies Research School of Physical Sciences Research School of Social Sciences
	<b>20 The Faculties</b> Faculty of Arts Faculty of Asian Studies Faculty of Economics Faculty of Law Faculty of Science

<i>Page</i>	<b>33</b>	<b>University Academic Centres</b>
		Centre for Resource and Environmental Studies
		Humanities Research Centre
		North Australia Research Unit
		Centre for Continuing Education
		Office for Research in Academic Methods
		Survey Research Centre
		NHMRC Social Psychiatry Research Unit
		Health Research Project
		Australia-Japan Economic Relations Research Project
<b>38</b>		<b>Other University Activities</b>
		The University Library
		Computer Services Centre
		Instructional Resources Unit
		Australian National University Press
		Acton Press
		Arts Centre
		University residences
		University welfare services
		University associations
		Special fellowships
		Public lectures
		Information about the University
		Schools Liaison
<b>48</b>		<b>Reference</b>
		Finance
		University naming policy
		University Fellowships
		Roll of Emeritus Professors
		Works of art in the University
		University Co-operative Bookshop Ltd
		Postal, banking and other facilities
		Membership of inter-university bodies
		Scandinavian-Australian Cultural Funds
		Former Chancellors, Pro-Chancellors, Vice-Chancellors, Deputy Chairmen of the Council, University Fellows
		Emeritus Professors
		Librarians Emeritus
		Former Library Fellow
		Honorary Graduates of the University
		Enrolments
		University Act
<b>75</b>		<b>Staff List</b>

# Academic Year

1980

First term and first semester begin *Monday 3 March*

First term ends *Friday 2 May*

Second term begins *Monday 19 May*

First semester ends *Friday 13 June*

Four-week lecture break begins *Monday 16 June*

First semester examinations begin *Thursday 19 June*

First semester examinations conclude *Saturday 28 June*

Lectures resume and second semester begins *Monday 14 July*

Second term ends *Friday 22 August*

Third term begins *Monday 8 September*

Lectures end *Friday 24 October*

Examinations in second semester units begin *Friday 31 October*

Examinations in year-long units begin *Thursday 6 November*

Examinations conclude *Monday 24 November*

Third term and second semester end *Friday 5 December*

# Principal Dates 1980

## January

- 2 W University office re-opens
- 18 F Buildings and Grounds Committee
- 28 M Australia Day — University office closed

## February

- 7 Th Graduate Degrees Committee
- 8 F Finance Committee
- 8 F Standing Committee of Council
- 12 T Last day for registration of enrolment and payment of student body fees by new students in the SGS
- 15 F Buildings and Grounds Committee
- 18 M Steering Committee of the Board of the School
- 21 Th Board of the Institute of Advanced Studies
- 22 F Board of the School of General Studies
- 25 M Orientation Week begins
- 29 F Editorial Board

## March

- 3 M FIRST TERM and FIRST SEMESTER begin
- 6 Th Graduate Degrees Committee
- 7 F Final day for registration and payment of student body fees for students re-enrolling in the SGS
- 13 Th Finance Committee
- 14 F Council
- 17 M Canberra Day—University office closed. No lectures
- 20 Th Board of the Institute of Advanced Studies
- 21 F Buildings and Grounds Committee
- 24 M Steering Committee of the Board of the School
- 28 F Board of the School of General Studies

## April

- 3 Th Graduate Degrees Committee
- 4 F Good Friday—University office closed. No lectures
- 7 M Easter Monday—University office closed. No lectures
- 11 F Finance Committee
- 11 F Standing Committee of Council
- 17 Th Board of the Institute of Advanced Studies
- 17 Th Conferring of Degrees

- 18 F Conferring of Degrees
- 18 F Buildings and Grounds Committee
- 24 Th Editorial Board
- 25 F Anzac Day—University office closed. No lectures
- 28 M Steering Committee of the Board of the School

## May

- 2 F FIRST TERM ends
- 2 F Board of the School of General Studies
- 8 Th Finance Committee
- 9 F Council
- 16 F Buildings and Grounds Committee
- 19 M SECOND TERM begins
- 26 M Steering Committee of the Board of the School
- 30 F Board of the School of General Studies

## June

- 5 Th Graduate Degrees Committee
- 13 F Finance Committee
- 13 F Standing Committee of Council
- 13 F FIRST SEMESTER ends
- \*16 M Queen's Birthday — University office closed. No lectures
- 16 M Four-week lecture break begins
- 19 Th First semester examinations begin
- 19 Th Board of the Institute of Advanced Studies
- 20 F Buildings and Grounds Committee
- 23 M Steering Committee of the Board of the School
- 27 F Board of the School of General Studies
- 27 F Last day for receipt of applications to enrol or re-enrol in second semester
- 27 F Editorial Board
- 28 Sat First semester examinations conclude

\*To be confirmed



---

### July

- 3 Th Graduate Degrees Committee
- 10 Th Finance Committee
- 11 F Council
- 14 M TERM LECTURES resume
- 14 M SECOND SEMESTER begins
- 17 Th Board of the Institute of Advanced Studies
- 18 F Buildings and Grounds Committee
- 21 M Steering Committee of the Board of the School
- 25 F Board of the School of General Studies

### August

- 7 Th Graduate Degrees Committee
- 7 Th Conferring of Degrees
- 8 F Finance Committee
- 8 F Standing Committee of Council
- 15 F Bush Week activities—no lectures
- 15 F Buildings and Grounds Committee
- 22 F SECOND TERM ends
- 29 F Editorial Board

### September

- 8 M THIRD TERM begins
- 11 Th Finance Committee
- 12 F Council
- 18 Th Board of the Institute of Advanced Studies
- 19 F Buildings and Grounds Committee
- 22 M Steering Committee of the Board of the School
- 26 F Board of the School of General Studies

### October

- 2 Th Graduate Degrees Committee
- 6 M Labour Day—University office closed. No lectures
- 10 F Finance Committee
- 10 F Standing Committee of Council
- 16 Th Board of the Institute of Advanced Studies
- 17 F Buildings and Grounds Committee
- 20 M Steering Committee of the Board of the School

- 24 F Lectures for the year cease—TERM and SEMESTER COURSES
- 24 F Board of the School of General Studies
- 31 F Examinations in the SGS begin—SEMESTER COURSES
- 31 F Editorial Board

### November

- 1 Sat Closing date for receipt of applications to enrol in 1981 for all new applicants
- 6 Th Examinations in the SGS begin—TERM COURSES
- 6 Th Graduate Degrees Committee
- 13 Th Finance Committee
- 14 F Council
- 20 Th Board of the Institute of Advanced Studies
- 21 F Buildings and Grounds Committee
- 24 M Examinations in the SGS conclude
- 24 M Steering Committee of the Board of the School
- 28 F Board of the School of General Studies

### December

- 4 Th Graduate Degrees Committee
- 5 F THIRD TERM and SECOND SEMESTER end
- 12 F Finance Committee
- 12 F Standing Committee of Council
- 19 F Buildings and Grounds Committee
- 25 Th Christmas Day—University office closed from Thursday 25 December 1980 to Thursday 1 January 1981 inclusive

# University Officers

## *Chancellor*

Emeritus Professor Sir John (Grenfell)  
Crawford, AC, CBE, MEdSc Syd., HonDSc  
Ncle (NSW) & Orissa, HonDEc NE,  
HonDScEconSyd., HonLLD Tas., PNG &  
ANU, FAIAS, FASSA

## *Pro-Chancellor*

The Honourable Mr Justice (R.A.)  
Blackburn, OBE, BA Adel. & Oxf., BCL  
Oxf.

## *Vice-Chancellor*

Professor D.A. Low, MA DPhil Oxf.,  
FAHA, FASSA

## *Deputy Vice-Chancellor*

Professor I.G. Ross, MSc Syd., PhD  
Lond., FRACI, FAA (On leave February to  
December 1980)

## *Acting Deputy Vice-Chancellor*

Professor D.M. Griffin, MA PhD ScD  
Camb., FRSA

## *Assistant Vice-Chancellor*

C.G. Plowman, BEc Syd.

## *Deputy Chairman of the Board of the Institute of Advanced Studies*

Professor H.W. Arndt, MA BLitt Oxf.,  
FASSA

## *Deputy Chairman of the Board of the School of General Studies*

Professor R.StC. Johnson, MA DipEd Syd.

## *Master of University House*

Emeritus Professor R.W.V. Elliott, MA  
StAnd. & Adel., FAHA

## *Librarian*

M.G. Simms, BA BEd WAust., ALAA

## *Dean of Students*

P.R. Stewart, BAgrSc PhD Melb.

## *Registrar*

G.E. Dicker, BA DipEd Syd.

## *Bursar*

J.A. Coleman, MA Oxf.  
(until April 1980)

## *Secretary*

W.R. Williams, BSc NSW

## *Head, Buildings and Grounds*

A.A. Robertson, BE Adel.

## **Officers for ceremonial occasions**

### *Marshal*

Professor J. Zubrzycki, CBE, MSc(Econ)  
Lond., FASSA

### *Esquire Bedell*

W.P. Packard, MA NZ

# The Council

## **Members elected by the Senate**

G. Georges (until 17 July 1980)  
P.E. Rae, BA LLB *Tas.* (until 17 July 1980)

## **Members elected by the House of Representatives**

R.E. Klugman, BSc MB BS *Syd.* (until 17 August 1982)  
P.M. Ruddock, BA LLB *Syd.* (until 17 August 1982)

## **Members appointed by the Governor-General**

N.K. Boardman, MSc *Melb.*, PhD ScD *Camb.*, FAA, FRS (until 29 September 1982)  
L.A. Brodribb, AM, MA PhD *Melb.*, FAIM (until 29 September 1982)  
L.K. Burgess, BCom *Qld.*, FASA, FAIM (until 29 September 1981)  
A.C. Copeman, BEng *Qld.*, MA *Oxf.*, FIMMMAust (until 29 September 1980)  
G.P.H. Dutton, AO, BA *Oxf.* (until 29 September 1981)  
Commissioner P.M. Griffin, BA DipSocStud *Syd.* (until 29 September 1981)  
L.T. Hinde, FIA (until 29 September 1981)  
T.F.C. Lawrence, AM, BSc BE *Syd.*, FIEAust., FRAeS (until 29 September 1981)  
L.M. Muir, VRD, LLB *Melb.* (until 29 September 1980)  
W.A. Park, BCom *Qld.*, FASA (until 29 September 1980)  
M.E. Reid, LLB *Adel.* (until 29 September 1981)  
A.J.R. Yencken, MA *Camb.* (until 29 September 1980)

## **Members ex officio**

The Chancellor  
The Pro-Chancellor  
The Vice-Chancellor  
The Deputy Vice-Chancellor  
The Deputy Chairman of the Board of the Institute of Advanced Studies  
The Deputy Chairman of the Board of the School of General Studies  
The President of the Australian National University Students' Association: L.M. Tarrant (until 30 November 1980)

## **Chosen by Heads of the Research Schools in the Institute**

J.H. Carver, MSc *Syd.*, PhD ScD *Camb.*, FAIP (until 29 September 1980)  
Wang Gungwu, MA *Malaya*, PhD *Lond.*, FAHA (until 29 September 1980)

## **Chosen from the Deans of Faculties in the School**

K.S.W. Campbell, MSc PhD *Qld.* (until 29 September 1982)  
W.S. Ramson, MA *NZ.*, PhD *Syd.* (until 29 September 1981)

## **Elected by the Professors in the Institute**

R.G. Ward, MA *NZ.*, PhD *Lond.*, FASSA (until 29 September 1980)

## **Elected by the Professors in the School**

Liu Ts'un-yan, BA *Peking*, BA PhD DLit *Lond.*, DipEd *HK*, HonDLitt *Yeung-Nam*, FAHA (until 29 September 1980)

**Elected by the non-professorial academic staff in the Institute**

M. W. McElhinny, BSc PhD *Rhodes*, FIP  
(until 29 September 1980)  
A. W. Rodgers, BSc *Syd.*, PhD, FRAS  
(until 29 September 1980)

**Elected by the non-professorial academic staff in the School**

J. A. Grieve, BA *Belf.*, MA (until 29  
September 1980)  
D. W. Smith, BCom LLB *Melb.* (until 29  
September 1981)

**Elected by non-academic staff**

P. J. Grimshaw, MBE (until 26 May 1980)  
P. M. Kennedy (until 26 May 1980)

**Elected by the research students**

L. Paterson, BSc *Monash* (until 29  
September 1980)

**Elected by undergraduate students**

I. C. Rout (until 29 September 1980)  
Vacancy

**Elected by Convocation**

B. M. Arndt, MPsych *NSW*, BSc (until 29  
September 1981)  
M. F. C. Day, AO, BSc *Syd.*, PhD *Harv.*, FAA  
(until 29 September 1981)  
R. C. Refshauge, BA LLB (until 29  
September 1981)  
D. H. Solomon, BA (until 29 September  
1981)

**Co-opted members**

R. J. L. Hawke, AC, BA LLB *WAust.*, BLitt  
*Oxf.* (until 1 February 1981)

**Secretary**

The Registrar

# Principal Committees and Boards

## **Council Committees**

Standing Committee

*Chairman:* The Pro-Chancellor

Finance Committee

*Chairman:* Mr L. T. Hinde

Buildings and Grounds Committee

*Chairman:* Mr A.J.R. Yencken

General Policy Advisory Committee

*Chairman:* The Vice-Chancellor

Advisers on Legislation

*Chairman:* Professor A. D. Hambly, LLB

*Melb., LLM Harv.*

Committee on Industrial Policy

*Chairman:* The Pro-Chancellor

## **Boards**

Professorial Board

*Chairman:* The Vice-Chancellor

Board of the Institute of Advanced Studies

*Chairman:* The Vice-Chancellor

*Deputy Chairman:* Professor H. W. Arndt,  
MA BLitt Oxf., FASSA

Board of the School of General Studies

*Chairman:* The Vice-Chancellor

*Deputy Chairman:* Professor R. StC.  
Johnson, MA DipEd Syd.

# The University

The Australian National University is both a teaching university and a centre for original research in the natural and social sciences. The University was created as a research university, being established in 1946 by an Act of Parliament 'to encourage and provide facilities for postgraduate research and study both generally and in relation to subjects of national importance to Australia'. Undergraduate teaching was added in 1960 and since that time the University has operated with two principal interrelated parts: the Institute of Advanced Studies and the School of General Studies.†

The Institute of Advanced Studies has seven large Research Schools: Biological Sciences, Chemistry, Earth Sciences, the John Curtin School of Medical Research, Pacific Studies, Physical Sciences, and Social Sciences. These fields of interest were chosen for their importance to Australia or because they could be studied with advantage in an Australian setting. There are no undergraduate students in the research schools of the Institute of Advanced Studies and most of its 400 graduate students are working for the degree of Doctor of Philosophy, the majority of them holding research scholarships awarded by the University. About half of the graduate students in the Institute are from overseas.

Directions in which the research concerns of the University have developed and areas of current specialisation are outlined later in descriptions of the work of the

research schools and their departments.

The School of General Studies provides education for some 5000 undergraduate students and 560 graduate students (200 PhDs and 360 masters and masters qualifying). The School of General Studies, which also has facilities for research, consists of five faculties: Arts, Asian Studies, Economics, Law and Science. Details of subjects available in each faculty are provided later in the *Calendar*.

The University also has a number of multidisciplinary research centres and units, such as the Centre for Resource and Environmental Studies, the Humanities Research Centre, the Contemporary China Centre and the North Australia Research Unit, which focus on problems of special interest for Australia. Multidisciplinary units exist also within some research schools and interdisciplinary courses are offered to undergraduate students.

The University's Centre for Continuing Education promotes the study and discussion of current social and educational issues, and provides a wide range of courses for adults in the natural and social sciences and

† A Bill to amend *The Australian National University Act* 1946 was passed by the Commonwealth Parliament in November 1979. With effect from a date to be proclaimed, which is likely to be 31 August 1980, the provisions of the Bill include a change of the name 'School of General Studies' to 'The Faculties'; and changes in the composition of the Board of the Institute of Advanced Studies and of the Board of the School of General Studies, which will become the Board of the Faculties.

the humanities, including intensive language training.

The University Library system, with more than one million volumes, comprises three main libraries housed in the R.G. Menzies, J.B. Chifley and Life Sciences Library Buildings, as well as the Law Library and seven branch libraries in the sciences.

The Australian National University Press publishes books and periodicals of a scholarly nature and distributes publications for other departments of the University.

#### *Historical note*

The University originally comprised only four research schools: The John Curtin School of Medical Research, named after the wartime Prime Minister; and the Research Schools of Physical Sciences, Social Sciences and Pacific Studies. Subsequently, as the University's range of studies developed, Research Schools of Chemistry, Biological Sciences and Earth Sciences were established.

The first tertiary education facilities in Canberra were established in 1929 with the creation of the Canberra University College. Affiliated with the University of Melbourne, the College provided undergraduate and some graduate training for almost 31 years. In 1960 the College's tie with the University of Melbourne came to an end and it became the School of General Studies within the Australian National University.

#### *University government and administration*

The structure and role of the University are reflected in the arrangements for its internal government and administration. The Act of 1946 entrusted all executive and many legislative powers to a Council which includes members of the Commonwealth Parliament, the University staff, the graduate

student and undergraduate student bodies and Convocation—a body consisting primarily of graduates of the University—and persons appointed by the Governor-General.

Since the amalgamation in 1960, the University Council has been advised by the boards of the Institute and of the School. The Vice-Chancellor is a member and chairman of both boards. The Board of the Institute of Advanced Studies comprises the Deputy Vice-Chancellor, heads of research schools, heads of departments within the research schools, other professorial and non-professorial representatives of research schools and three members of the other board. The Board of the School of General Studies consists of the Deputy Vice-Chancellor, all professors of the school, representatives of non-professorial staff and students, and three members of the other board. By convention, board meetings are usually presided over by the deputy chairman of each board appointed by the Council. A Professorial Board, comprising all professors of the University, is consulted from time to time on academic issues of major importance, but the Council looks chiefly to the boards of the Institute and the School for guidance and advice in matters of academic policy and practice.

The Vice-Chancellor is the University's principal executive officer. He is assisted by two executive advisers: the Deputy Vice-Chancellor, who acts for the Vice-Chancellor in his absence and is the Vice-Chancellor's chief adviser on academic affairs; and the Assistant Vice-Chancellor who advises the Vice-Chancellor on the community affairs of the University as well as on personnel questions, particularly in relation to students and general staff, and on the University's administrative and management arrangements and policies.

The Registrar is secretary to the Council and is responsible, under the Vice-Chancellor, for administering the academic affairs of the University.

The Bursar is responsible for the financial implications of new policies and developments, budgets, accounting services, business management, and for residential housing.

The Secretary is responsible to the Vice-Chancellor through the Assistant Vice-Chancellor for the general administration of the University.

The Head, Buildings and Grounds, is responsible for providing building, maintenance and site services to meet the requirements of the University's teaching, research and other activities.

Administrative services within the research schools are provided by business or laboratory managers, who are responsible to the directors or deans concerned, and by school secretaries who work with the directors and deans, but are responsible to the Registrar.

In the School of General Studies, faculty secretaries work with the deans of faculties but are responsible to the Registrar. A business manager is responsible for business and budgetary services to the deans of faculties.



# Degree Studies and Scholarships

## **Undergraduate admission and degrees**

The Australian National University admits students seeking a degree of bachelor on the basis of achievement reached at the end of secondary education. For interstate students this level of achievement is defined in terms of the education system operating within that state.

Students completing their secondary schooling in schools and colleges operating under the ACT Schools Authority are admitted on the basis of their record in the final two years of that secondary schooling. As there is no public examination, various factors are taken into account.

In addition, it is possible to gain admission as a mature-age student, notwithstanding lack of formal matriculation qualifications, on the University's assessment of ability to pursue successfully a course of study.

Admission to the University does not imply an automatic entitlement to pursue a particular course. The Faculty of Law has imposed entry quotas since 1972.

The University offers courses for six degrees of bachelor—in Arts, Arts (Asian Studies), Economics, Law, Science and Science (Forestry)—at both pass and honours levels. With the exceptions explained below, the minimum time required for completion of the pass course is three years, and for the honours course, four years. In the case of Law and Science (Forestry), both pass and honours degrees require a minimum of four years' study. The Law

degree may also be combined with a degree in Arts, Asian Studies, Economics or Science. These combined courses take five years at pass level and six years for honours in the Arts, Asian Studies, Economics or Science components. Combined courses in Asian Studies and Economics, Economics and Science, and Economics and Science (Forestry) are offered. This requires four years for the pass degrees and five years for honours in one of the degrees. In addition to these combined degrees, the Faculty of Science offers a four-year pass degree for students wishing to train as professional geologists, and the Faculty of Economics a course of similar length for accountants. In each case the successful candidate earns the normal pass degree, endorsed to indicate his or her specialisation. Details of degree courses and requirements are provided in the *Faculty Handbook*.

## **National Undergraduate Scholarships**

The University offers annually a small number of scholarships to outstanding students pursuing, or seeking to pursue, studies towards an honours degree at the Australian National University.

In 1980 the full value of the scholarship will be \$2000 plus fares for three return trips home each year. Recipients of allowances under the Australian Government's Tertiary Education Assistance Scheme are eligible for these scholarships under certain conditions. Inquiries should be made to the Registrar.

### **Postgraduate studies**

From its inception as a research university the Australian National University has undertaken the training of postgraduate students in research techniques and investigations, both at the doctoral and masters level. Postgraduate study by research may be pursued in either the Institute of Advanced Studies, the School of General Studies or any of the University Centres offering postgraduate programs. In recent years, however, the University has been offering a number of master degree programs involving course work and examination or a combination of course work and research in particular fields. Persons who have graduated with a good honours degree from a recognised university and, where applicable, have a capacity for research may apply for admission. Applications, setting out previous experience, proposed study and the degree for which enrolment is sought, should in the first instance be made to the Registrar.

### **Postgraduate Diplomas and Bachelor of Letters**

A number of disciplines in the Faculty of Arts offer a Bachelor of Letters (LittB) course, which is open to suitably qualified graduates. The Diploma of Economics in the Faculty of Economics and the Diploma in International Law in the Faculty of Law are also available.

### **Degree of master**

Students may proceed by research to a degree of Master of Arts, Arts (Asian Studies), Economics, Environmental Studies, Laws or Science. Research is supervised by a member of the academic staff of the University in accordance with a program approved by the appropriate faculty, research school or centre under

the overall surveillance of the Graduate Degrees Committee. Examination involves the submission and assessment of a thesis on an approved topic. An oral examination may be required.

The Departments of Economics, Linguistics and Statistics will also offer in 1980 programs for the appropriate degree by course work and examination. The Departments of Demography (Research School of Social Sciences), Forestry (in the field of Forest Management—unlikely to be available in 1981), International Relations (Research School of Pacific Studies), Linguistics, and Prehistory and Anthropology, offer programs for the appropriate degree by a combination of course work and examination and the writing and assessment of a thesis, dissertation, research paper or long essay.

Programs for the degrees of Master of Arts in Modern European Studies (within the Faculty of Arts), Master of Administrative Studies (Faculty of Economics) (not available in 1980), Master of Agricultural Development Economics (Development Studies Centre, Research School of Pacific Studies), Master of Environmental Studies (Centre for Resource and Environmental Studies), and Master of International Law also comprise course work and research.

### **Degree of Doctor of Philosophy**

A course of study and research for the degree of Doctor of Philosophy normally extends over three years, during which time students carry out research work full time under the supervision of a member of the academic staff of the University in accordance with a program approved by the Graduate Degrees Committee. In special cases the Committee may shorten a student's course to a minimum of two years or lengthen it to a maximum of four years.

Candidates for the degree are required to submit a thesis of not more than 100,000 words for examination at the end of the course and will also be examined orally unless the examiners recommend, and the University approves, exemption.

### **Postgraduate scholarships**

Each year the University offers a limited number of scholarships for full-time study towards a degree of master or the degree of Doctor of Philosophy. Applicants should be of high scholastic calibre and, where applicable, should have a capacity for research. They should normally hold, or expect to hold, a degree of bachelor, with at least second class honours, division A, or an equivalent qualification, or a degree of master from a recognised university.

Tenure of award varies with the degree sought. Scholarships are awarded initially for a period of one year to applicants proceeding to a degree of master and may, depending upon circumstances, be extended for up to one further year. Subject to satisfactory progress, a scholarship for the degree of Doctor of Philosophy is awarded for the whole period of an approved course of study and research, usually three years.

Scholarships provide a stipend which, in October 1979, was paid at the rate of \$4700 per annum. Eligible scholars may apply for additional allowances for a dependent spouse and each dependent child. Scholarship allowances are subject to review from time to time.

# The Research Schools

## **Research School of Biological Sciences**

Since its establishment in 1967 the Research School of Biological Sciences has grown into one of the premier centres for basic biological research within Australia. Its research interests cover the complete spectrum of contemporary biological issues though it concentrates on selected problems which often require long-term study. Wherever practicable it devotes particular attention to the distinctive forms of plant and animal life which are unique to the Australian environment.

### *Behavioural Biology*

The Department is concerned with the basic neuronal mechanisms of animal behaviour. Emphasis is on the development of the brain and the study of memory formation.

### *Developmental Biology*

The Department studies the development and cell biology of plants including algae. Its work involves investigation of hormones which affect cell division (cytokinins) and of the photoreceptor pigment, phytochrome which, following irradiation, affects plant development; other topics include those of cell-to-cell communication and of the fine structure, differentiation and function of plant cells. The work of the Department is mainly experimental but it includes work on the anatomy and biology of *Eucalyptus*.

### *Environmental Biology*

The Department's research centres on physiological plant ecology. Particular emphasis is given to biochemistry of carbon metabolism in photosynthesis, to processes of water vapour and carbon dioxide exchange in leaves and to dynamic aspects of plant community ecology.

### *Genetics*

The Department undertakes four main lines of research: analysis of problems concerning regulation, development and differentiation in prokaryotes, lower eukaryotes and higher plants using a genetic approach; bacterial-plant interactions in relation to nitrogen fixation; extra-chromosomal genetics in yeasts; development and patterning in cellular slime moulds.

### *Neurobiology*

The Department's interest is chiefly in the structure and function of nerve cells in lower animals. Emphasis is concentrated upon the compound eye, central neurons and auditory mechanisms of arthropods as an approach to mechanisms of integration in nervous systems with individually recognisable neurons.

### *Population Biology*

The Department focusses on biological problems associated with the structure, the dynamics and the evolution of natural populations of Australian animals. Special

attention is currently directed to insects and vertebrates endemic to Australia. Areas of current interest include population cytogenetics, ecological genetics, the computer simulation of population systems and the analysis of variation in urban populations of man.

#### *Molecular Biology Unit*

Activities of the Unit range from studies of the molecular mechanisms involved in the synthesis of proteins and of ribonucleic acid, to the molecular biology of cell differentiation and carcinogenesis — the creation of cancerous growths.

#### *Taxonomy Unit*

The Unit is concerned with the methodology and practice of biological classification. It is expected that by setting up systems of names reflecting useful classifications of organisms, taxonomists will contribute to the generation of testable hypotheses. The Unit aims to train students in and to develop research into modern classificatory and identificatory methods; to study plant groups important in Australia (e.g. grasses, legumes); and to apply taxonomic ideas to problems of general interest.

#### *Virus Ecology Research Group*

The Group studies the molecular ecology of certain arboviruses, plant viruses, and their vectors. In particular, the basis of host range, interference between viruses, and the population genetics of mosquitoes.

### **Research School of Chemistry**

Founded in 1967 and situated close to the Department of Chemistry of the Faculty of Science, the Research School of Chemistry is non-departmental in structure and aims at an integration of the various aspects of chemistry.

Classical demarcations between organic, inorganic and physical and theoretical chemistry are, however, utilised for day-to-day administrative convenience. The School has a permanent academic staff of fifteen, including professors in those areas of specialty. An analyst of the Australian National University Analytical Services Unit, working in the School, is a member of the Faculty.

Other academic appointments in the School are made at the level of research fellow, bringing the total academic staff to 74 in 1979. Visiting fellows also make an important contribution to the work of the School. Scholars are accepted from Australia and abroad for research toward the degree of Doctor of Philosophy and the degree of Master of Science.

Research in organic chemistry ranges from theoretical studies of the structures and stabilities of molecules to experimental work on novel synthetic reactions and problems of biological interest. The latter include the synthesis, biosynthesis, metabolism, and structure elucidation of plant hormones and medicinally-important substances such as prostaglandins, antibiotics, and steroids. Problems directly relevant to the Australian situation, such as the toxins produced by pathogenic plants and the chemistry of a soil micro-organism which causes dieback in eucalypt forests, are being studied.

The use of computers is expanding into all branches of chemistry and is of central concern to theoretical chemists. Intermolecular forces are the subject of continuing study, with the ultimate hope that knowledge in this area can be extended to biological systems. The physical and theoretical groups also have a strong interest in the interaction of radiation with molecules, particularly in crystals. Research in connection

with the electronic structures of molecules is directed to the development of new methods, rather than the use of existing methods, even on new problems. This approach has been applied to aspects of quantum theory in understanding molecular structure. In physical chemistry the use of lasers is being developed, and interactions between molecules and transition metal ions are being studied by a variety of techniques.

Another line of research seeks to establish the relationship between the occurrence of disorder in organic molecular crystals and the details of the intermolecular forces involved. Computer-generated models as well as real disordered crystals are studied by diffraction and other techniques.

Systematic studies of the chemistry of rare (e.g. ruthenium, rhodium, osmium, iridium, palladium and platinum) and common (e.g. iron, cobalt, nickel and copper) metals is the focal point of inorganic chemistry research. These metals and their compounds are valuable as catalysts in industrial processes and fundamental studies are being undertaken to seek improved performance and elucidation of their mode of action. Metal ions also play a crucial role in a variety of biological processes such as photosynthesis and the conversion of atmospheric nitrogen into ammonia. The mechanisms by which such reactions are achieved are currently being explored with special reference to peptide synthesis and sequence analysis in proteins. A wide variety of fundamental studies into the nature of chemical bonding and the molecular structure of inorganic materials is being undertaken. Techniques used include X-ray and electrochemical analysis, together with measurement of magnetism, and optical and vibrational spectra, frequently at temperatures near absolute zero.

Research in solid state chemistry was in-

troduced in 1979. This work will encompass structural studies at the unit cell level (or at the atomic level) of many types of non-stoichiometric and other types of disordered crystals. The underlying philosophy is that, in most cases, crystal 'defects' involve subtle changes in structure, rather than classical 'point defects' (vacant sites, interstitial atoms). A diverse range of materials is to be investigated: non-molecular inorganic compounds, minerals and metal alloys. Taxonomic correlations of non-molecular structures in general are pursued, as well as attempts to understand the fundamental principles determining structure type.

The School possesses sophisticated instrumentation both for routine measurements by all chemists and as research tools for specialists in mass spectrometry, nuclear magnetic resonance, electron spin resonance, solid state spectroscopy, electron microscopy and the study of crystal structures by means of X-ray diffraction.

### **Research School of Earth Sciences**

Set up in 1973 and organised on a non-departmental basis, the Research School of Earth Sciences represents a development of an important facet of natural science, formerly included within the Research School of Physical Sciences as the Department of Geophysics and Geochemistry. This Department, established in 1952, investigated problems concerned with the earth's crust and deep interior. The research encompassed, on the one hand, geochemical and petrological studies and the isotopic dating of both earth and lunar rocks and, on the other hand, seismic and magnetic studies of the earth's structure and mobile history, and rock mechanics.

The creation of the Research School permits the University to extend considerably its investigations of this important branch of natural science in which it has already won much international recognition. New areas of research recently entered are economic geology, geophysical fluid dynamics, global geodynamics and in late 1979, environmental geochemistry.

The School at present has research groups working in a number of recognised areas within the sphere of the earth sciences. These include:

#### Cosmochemistry

The School possesses a substantial meteorite collection and extensive facilities for studying the petrology and chemistry of meteorites. Research, which includes analysis of lunar material, is also directed at broader problems of the origin and early chemical evolution of the earth, moon and planets.

#### Economic Geology

Ore deposits and ore deposition are the subject of fundamental research both in the field and the laboratory. Analytical facilities, including planned stable isotope capability, and experimental investigations will extend field investigations ranging from the regional to the geochemical scale.

#### Environmental Geochemistry

During 1980, a program for investigating certain large-scale geochemical interactions between the atmosphere, hydrosphere and solid earth, with particular relevance to Australia and the southern hemisphere, will be commenced. Projects currently under consideration include the carbon cycle in the southern hemisphere, the geochemistry of Australian inland lake sediments and the geochemical evolution of the Great Barrier Reef.

#### Experimental Petrology

Apparatus utilised by the School permits reproduction of conditions of temperature and pressure encountered within the earth's crust and mantle. Many of these studies are closely linked with field petrological and geochemical investigations and most make use of electron microprobe facilities in the School.

#### Geophysical Fluid Dynamics

The program will be concerned with convection and mixing processes in the ocean and atmosphere as with similar processes within the earth.

#### Global Geodynamics

Research will centre around the interpretation of results from satellite geodesy, including the gravity field, rotational and tidal deformations of the earth, and its bearing upon the dynamics of plate motions. Studies of similar problems in the other terrestrial planets will also be undertaken.

#### Isotope Geochemistry and Geochronology

The research of the group is directed primarily at the evolution of the earth and moon through time. Particular emphasis is given to the ages of rocks from Australia, and the South Pacific and Indian Ocean islands.

#### Major and Trace Element Geochemistry

A wide range of analytical equipment is in use for geochemical and petrological studies concerning the origin of terrestrial and extraterrestrial rocks.

#### Mineral Physics

An experimental physical acoustics laboratory is devoted to a wide range of studies

in solid-state geophysics, especially the characterisation of high pressure phases.

#### Palaeomagnetism and Geomagnetism

Palaeomagnetic investigations are directed mainly towards problems in continental drift and plate tectonics. The recent behaviour of the geomagnetic field is being studied through lake sediment cores and archaeomagnetic work. Diurnal and shorter time variations of the field are being used to study the electrical conductivity of the crust and upper mantle.

#### Rock Mechanics and Electron Microscopy

Stress-strain, creep and related experiments are done on rocks and minerals under high pressure and temperature with a view to applications in structural geology, geotectonics and earthquake mechanisms. A 200 kV electron microscope is used to study the deformation processes and other mineralogical problems.

#### Seismology

Research interests include studies of wave propagation phenomena, the distribution of the seismic velocities, elastic parameters and density throughout the earth, seismicity in Australia, earthquake mechanisms for Australian earthquakes and those in the active seismic zones to the north, and the structure of the upper mantle in this region. The group operates a seismic array station at Tennant Creek and a telemetry network in south-east Australia.

#### The John Curtin School of Medical Research

'The research schools', stipulates the Australian National University Act of 1946, 'shall include a research school in relation to

medical science to be known as "The John Curtin School of Medical Research".' During the period 1948-56, the School was developed under the guidance of Sir Howard Florey (later Lord Florey), the Oxford-based Australian developer of penicillin, who functioned virtually as its non-resident Director and visited Australia almost every year.

Initially lack of accommodation required staff members to pursue their researches outside of Canberra — in Melbourne and even London. Subsequently work was conducted in temporary quarters in Canberra. The School's permanent building was completed in 1957.

The School's first Department, Biochemistry, was founded in 1948. In the following year the Departments of Medical Chemistry and Microbiology were set up and, in 1950, that of Physiology. Experimental Pathology started in 1954, Physical Biochemistry in 1959, and Clinical Science in 1968.

The Biological Inorganic Chemistry Unit, set up in 1958, and the Department of Genetics, founded in 1964, were transferred respectively to the Research School of Chemistry in 1966 and the Research School of Biological Sciences in 1968. The establishment of the Departments of Human Biology and Immunology in 1970, and of Pharmacology in 1973, and the conversion of the Department of Medical Chemistry to the sub-departmental status of a 'research group', now gives the School a total of nine departments and one 'group'.

#### *Biochemistry*

The Department's research is oriented towards the study of fundamental biochemical processes within individual cells. A combination of biochemical and genetic techniques applied to bacterial cells is extensively used.



### *Clinical Science*

Based at the Royal Canberra Hospital, the Department conducts a program of clinical and laboratory research oriented towards problems associated with membrane disorders in man including muscle metabolism, embracing both skeletal muscle (malignant hyperpyrexia) and smooth muscle (asthma), platelet function, haemostasis, thrombosis, and hypertension.

### *Experimental Pathology*

The Department is engaged in research into the structure and function of blood vessels and of the lymphatic system, the mechanisms and effects of cell and tissue injury, the *in vivo* study of tissue grafts and wound healing, cell motility, the therapeutic and toxic effects of drugs used in arthritis and the *in vivo* effects of ionizing radiations on glandular tissue.

### *Human Biology*

The Department is involved in theoretical and laboratory aspects of evolution in human populations; serum protein and red cell enzyme genetics; inborn errors of metabolism and their interaction with environmental factors; lymphocyte antigens, and disease associations focussing attention on immune responsiveness.

### *Immunology*

The work of the Department deals with the development and function of those systems of the body which are concerned in the recognition of materials which are foreign and not-self in nature. Particular emphasis is placed on the physiological aspects of recognition and regulation of the immune response, the immunobiology of cancer, transplantation of organs and tissues and the immunological relationship that exists between mother and foetus.

### *Microbiology*

Work in the Department is concerned with the study of cells and of infectious agents, especially viruses, and with the way in which the body can recognise and react against these and much simpler substances.

### *Pharmacology*

The Department carries out research concerned with the effects of drugs on the nervous system, in particular their interaction with chemical substances which transmit information between nerve cells, and with the factors controlling the development and regeneration of neurones.

### *Physical Biochemistry*

The Department's work involves investigation of the physical and chemical properties of biological materials (mainly proteins and enzymes) and the elucidation of systems and processes of biochemical and medical interest. The approach frequently requires the development of new experimental procedures and the application of fundamental principles of physical chemistry and mathematics in formulating new theories.

### *Physiology*

The work of the Department is concentrated in the nervous mechanisms in the eye and brain that permit us to see and recognise objects in the surrounding world. Work on the dynamic properties of muscle is also undertaken.

### *Medical Chemistry Group*

The Group studies the synthesis, properties, stereochemistry, and biological activities of heterocyclic molecules related to naturally-occurring bases such as the pyrimidines, pteridines, or purines; equilibria involving the binding of metallic ions by cell constituents such as amino acids and

proteins, or by drugs which may act through such binding; and the fine structure of very simple molecules as revealed in their spectroscopic properties. Particular attention is given to therapeutic applications of such research.

### **Research School of Pacific Studies**

From the time of its establishment as one of the original four research schools of the University, the regional title of Pacific Studies has been interpreted broadly. In some departments work is carried out on Australia and the School holds a leading position in work relating to Papua New Guinea and the island groups of the South Pacific. Interest in South-East Asia, present from the outset, is of major importance. Substantial work is done on China and Japan, and there is some interest in South Asia.

While the School's work is mainly concentrated on the application of the social sciences to the Pacific-Asian area — an emphasis assisted by its proximity to the Research School of Social Sciences — field sciences are represented in several departments, and extensive historical studies are made as well.

The academic staff of the School, including both permanent and temporary appointments, numbers about 90 at any one time. They are supported by research assistants, technical and secretarial staff.

### *Anthropology*

Research focusses on the study of human behaviour and its relation to social and cultural organisation, both traditional and changing, in Aboriginal Australia, Papua New Guinea, Melanesia and Polynesia, Malaysia, Indonesia, South and South-East Asia.

### *Biogeography and Geomorphology*

Most of the Department's work is organised in four interrelated programs, namely: arid salt lakes; vegetation and aeolian systems; courses and mechanisms of change in forested lake catchments; man-induced changes in vegetation and landforms; geomorphic-biologic interactions related to coral reefs. Techniques include palynology, sedimentology and numerical modelling and there is strong emphasis on field work. Where appropriate ecological and geomorphological aspects of a problem are studied together. Close links are maintained with the University's prehistorians, ecologists and earth scientists.

### *Economics*

Concerned chiefly with theoretical and applied problems of economic development, the Department specialises in studies of the countries of South-East Asia (especially Indonesia — it publishes the *Bulletin of Indonesian Economic Studies*), the Pacific Islands (especially Papua New Guinea) and China, and in Australia's economic relations with these countries and with Japan. It also co-operates with the Development Studies Centre in conducting a one-year course-work program for the degree of Master of Agricultural Development Economics, primarily for graduates in economics or agriculture from Asian countries.

### *Far Eastern History*

The Department conducts research in Chinese and Japanese history from the earliest times to the twentieth century. Its main interest is in modern history but there is also considerable interest in specific aspects of the social and cultural history of traditional China. It publishes the biannual journal, *Papers on Far Eastern History*.

### *Human Geography*

The Department undertakes theoretical and empirical research into the changing spatial structure of Australia, the Pacific and South-East Asia. The Department's two main fields of interest embrace studies of the location of secondary and tertiary activities and studies of the spatial consequences of, and spatial organisation required for, development in South-East Asia and the Pacific Islands. The Department's map library and cartographic laboratory serve many other departments of the University and the Australian National University Press.

### *International Relations*

The Department, the only one of its kind in Australia, pays particular attention to the international politics of the Asian-Pacific region, with special emphasis on the actions of China, India, Japan, the Soviet Union and ASEAN. Working closely with the Strategic and Defence Studies Centre, it conducts studies and sponsors seminars and discussions on Australian defence and foreign policies. In the wider sphere of world politics, the Department has particular interests in strategic studies, arms control, problems of world order, the United Nations, international political economy, and the Afro-Asian states.

### *Linguistics*

Primarily concerned with the analysis, description and classification of the indigenous languages of New Guinea and the Pacific Islands, the Department also undertakes research in the South-East Asian area and in Australia, and in pidgin and creole languages of the Pacific. It is extensively interested in sociolinguistic questions. The Department publishes the series *Pacific Linguistics*.

### *Pacific and South-East Asian History*

The Department studies local societies in the Pacific Islands and South-East Asia. Research projects are concerned with the nature of the indigenous societies, their initiatives and responses to each other and to European impact; and with exploration and initial political, commercial and missionary penetration through the colonial phase to the modern period of nationalism, self-government and independence.

### *Political and Social Change*

The disciplinary emphasis of the Department, which was established in 1978, is towards political science and the sociology of development, and its principal concern is with the domestic, political and social processes of change occurring in the developing countries of Asia and the South-West Pacific. Initially the work of the Department will be geographically concentrated in Indonesia, the Philippines and Melanesia.

### *Prehistory*

The Department's areas of active work include Australia, Papua New Guinea and island Melanesia. In research it concentrates on a limited number of projects of archaeological importance, incorporating substantial ethnohistorical, ethnographic and ecological components, for which the research area offers exceptional opportunities.

### *Contemporary China Centre*

Established in 1970 to lend cohesion and impetus to the various studies of modern China being conducted within the University, the Centre aims to provide a forum for co-operation and co-ordination between departments of the University, with other universities in Australia and overseas, and

with public servants, businessmen and others outside the academic world. The Centre concentrates on attempting to understand the development of China and its foreign relations since 1949, including the study of previous events where these can contribute to understanding of the contemporary scene. It pursues its aims by holding conferences, seminars and discussion meetings, and through publications. The Centre publishes a biannual journal, *The Australian Journal of Chinese Affairs*, which contains articles, notes and reviews in the general field of modern China.

#### *Development Studies Centre*

The Development Studies Centre was established in 1975. In recognising the specialist needs and problems facing the developing countries of Australia's region, the University has sought to provide a means for co-ordinating development studies within the University and with other organisations and institutions. In order to upgrade the qualifications of mid-career professional staff of governments and academic institutions in developing countries the Centre administers two teaching programs to masters degree level in Demography and Agricultural Development Economics. Both programs receive substantial support in the form of Australian aid for both staff and scholarships.

The Centre facilitates and extends the normal academic work of the University by bringing together research workers with a common interest in development studies; it works with other development-oriented organisations to make available to the Australian Government and to developing countries, staff and resources that have special qualifications or experience that may be of assistance in specific fields; and it provides a publications program which effec-

tively disseminates the results of research in the field of development studies.

As a means of promoting interchange of ideas on development issues the Centre organises series of formal and informal seminars on a wide range of topics including both the social and natural sciences. Each year a major conference is planned as the culmination of a series of seminars organised during the year on a specific theme — in 1980 the theme proposed is 'Population Mobility and Development'.

#### *South Asian History Section*

Within the Section work is being conducted on the modern political and social history of South Asia. Particular attention is being given to changing political and social structures in the 19th and 20th centuries.

#### *Strategic and Defence Studies Centre*

The Centre comprises a small full-time research staff but exists chiefly to co-ordinate and stimulate the study of defence and strategic subjects of interest to Australia. Each year the Centre conducts a series of regular and special seminars, and occasionally larger conferences, which have been attended by members of other Australian universities, visitors from abroad and officials from interested government departments. The Centre's collection of documentary material from public sources, the most comprehensive on defence matters publicly available in the country, is accessible to and used by most scholars in this field in Australia.

#### **Research School of Physical Sciences**

The Research School of Physical Sciences carries out basic experimental and theoretical research into selected fields of the physical and mathematical sciences. The work is

organised into eight departments and three smaller units with common administrative, library and workshop facilities.

The School has approximately 120 academic staff, of whom about half are on non-tenured appointments. There are also approximately 60 research students and 250 supporting staff. The School receives many distinguished academic visitors, some on sabbatical leave from their own institutions and others for short visits.

Work in the School is concerned mainly with an understanding of fundamental problems at the frontiers of knowledge. However, there are opportunities for a limited amount of research work of an applied nature in order to assess the feasibility of the application of basic concepts.

The extensive experimental facilities of the School include some large installations. In addition to its own telescopes at the Mount Stromlo and Siding Spring Observatories (MSSSO) the School has access to the 3.9 metres Anglo-Australian telescope at Siding Spring Mountain, near Coonabarabran, NSW. Two charged particle accelerators are available for nuclear physics research — a 14UD pelletron tandem and a 2.5 MV Van de Graaff. The homopolar generator in the Plasma Research Laboratory is a heavy electrical current source used to power toroidally confined plasma experiments.

#### *Applied Mathematics*

Principal research lines are chemical physics, especially colloid and interfacial science both experimental and theoretical; vision research, especially theoretical work on the electromagnetic properties of visual receptors; and optical wave propagation — fibre optics. The Department has strong interests also in solid state and liquid state physics. It is primarily interested in the ap-

plication of physical theories to biological problems; vision research, membrane biophysics, self-assembly and macromolecular interactions, but has a continuing commitment to areas of colloid science and electromagnetic theory which have applications in technology.

#### *Engineering Physics*

The Department comprises a multidisciplinary group of physicists, engineers and computer scientists collaborating with other colleagues to investigate fundamental and applied problems in the physical sciences, particularly: laser-matter interactions; the development and study of new energy sources (especially sun and wind); and the study and development of man-machine systems.

#### *Mathematics*

The Department is carrying out research in (1) complex manifolds, (2) computing and algebraic structures, (3) foundations, (4) global analysis, (5) group theory, (6) Lie groups and algebraic groups, (7) ordinary differential equations and control theory.

#### *Mount Stromlo and Siding Spring Observatories (MSSSO)*

The Observatories are concerned with fundamental research in astrophysics, including all aspects of galactic and extra-galactic astronomy. They provide the main Australian centre for optical astronomical research.

#### *Nuclear Physics*

The Department conducts research in nuclear structure physics. Current interests include heavy ion transfer reactions, measurements of nuclear quadrupole moments through Coulomb excitation, nuclei with very high angular momenta, exotic nuc-

lei far from the stability line and high energy atomic collisions. The principal accelerators of the department are a 14UD pelletron tandem and a 2.5 MV Van de Graaff.

#### *Plasma Research Laboratory*

This Laboratory is concerned with the properties of fully ionized matter in electromagnetic fields. At present the main interest is with high temperature plasma confined by magnetic fields in toroidal systems, related to the controlled release of thermonuclear energy. As well as making experimental and computational studies of the behaviour of toroidal plasma, the Laboratory develops apparatus (including lasers) for new plasma diagnostic methods. It is intended to extend the experimental program to studies of plasma processes of direct relevance to space and astro-physical phenomena.

#### *Solid State Physics*

The major interests are the spectroscopy of transition metal ions in insulating crystals and the study of the relationship of magnetic properties of metals to their structure. There is a wide range of crystal preparation and characterisation facilities. The techniques used include specific heat measurements, Mössbauer spectroscopy, optical-electron spin double resonance and laser excitation spectroscopy.

#### *Theoretical Physics*

The Department conducts theoretical studies on nuclear structure and reactions, statistical mechanics and transport theory, solid state physics, elementary particles and plasma physics.

#### *Diffusion Research Unit*

The Unit studies the nature and structure of liquids, primarily using isotopic and NMR

diffusion experiments. Specific projects are concerned with diffusion studies in electrolyte solutions, in cryogenic (very low temperature) liquids, in liquids and gases under high pressure, in mixtures of organic liquids, and of polystyrene spheres.

#### *Electron and Ion Diffusion Unit*

The Unit is concerned with measurement of transport coefficients for electrons and mass identified ions in neutral gases, both atomic and molecular, and subsequent analysis of data to give energy dependent cross-sections for low energy collisions.

#### *Ultraviolet Physics Unit*

The Unit studies the absorption of ultraviolet radiation by gases of atmospheric and astrophysical importance. Aspects of ultraviolet physics relevant to space astronomy and plasma physics are investigated in collaboration with MSSSO and the Plasma Research Laboratory.

### **Research School of Social Sciences**

The School comprises nine Departments (Demography, Economic History, Economics, History, Law, Philosophy, Political Science, Sociology, Statistics) and two Units (History of Ideas, Urban Research). Over the School as a whole, and to a considerable extent in the individual departments and units, work proceeds at three inter-related levels. There is a general body of theory, doctrine and scholarship which is world-wide, at least at a fairly abstract level; familiarity with this must be maintained, and contributions made to it having no special Australian significance.

This more abstract level of knowledge, however, has to be both tested and made to grow by reference to more specific field studies, and it is both appropriate and con-

venient that for this School, much of the field of study is in Australia, or in closely adjacent regions. This does not prevent field forays in many other parts of the world, particularly by staff members on study leave and in search of comparative material, nor the frequent use of reported field studies from other nations when it comes to building Australian field material into a theoretical structure. Both theory and field study lead often to possibilities of direct application, and the development of such possibilities is often in itself a contribution to field material and a correction for general theory.

#### *Demography*

Research interests within the Department include the fields of population growth, marriage and the family, mortality, fertility, population policies, fertility control, historical demography, various aspects of migration trends, experiences and policies, including internal migration. The Department has concentrated on studies of population trends and movements in four areas. Australia and New Zealand, the Pacific (including Papua New Guinea), southern and South-East Asia and tropical Africa.

#### *Economic History*

The Department is primarily interested in a study of the interrelationships between the public and private sectors in the Australian economy and the implications of these relationships and their changes for the economy and society.

#### *Economics*

Research takes place in several areas of economics including inflation, unemployment and labour markets; the demand for money and portfolio choices between different types of financial assets; micro-economic issues including energy policy,

international trade and finance. Empirical work refers for the most part to the Australian economy.

#### *History*

The major emphasis, drawing on the considerable historical resources available in Canberra, has been on the development of Australian society. Special themes are the influence of British ideas and politics during the 19th century on Australia, Australian urban history and the development of social policies. More subjects within the years 1900-1950 are being undertaken as the relevant sources become available. The Department has a special commitment to the project *Australia 1788-1988: a Bicentennial History*. Work is also carried on in the modern history of Britain, Ireland and the British Commonwealth.

#### *Law*

The Department conducts research into the operation of legal systems in general and into selected branches. Current work is in the fields of common law, comparative law, general legal theory and legal philosophy, legal anthropology, and sociology of law.

#### *Philosophy*

Besides working in the more general fields of philosophical and formal logic and metaphysics, the Department emphasises four areas of research — social, moral and political philosophy; the philosophy of mind, especially with reference to theories of human action and of knowledge; the logic and methodology of natural and social science and history. In recent years it has given special attention to contemporary problems, including problems in education, ecology and environmental ethics.

#### *Political Science*

The Department works in selected areas of

Australian politics and Soviet and East European government. Work is proceeding on decision-making in Australian Government, on electoral behaviour, on trade unions in politics, and on the interrelations of government and the economy.

#### *Sociology*

Work of the Department is concentrated in the fields of social differentiation, stratification and mobility; political sociology; elites; professions; and minorities. While the focus of research is contemporary Australia, current research projects involve substantial comparative analysis across industrial societies.

#### *Statistics*

The Department conducts research on statistical and probability theory and their applications. These include the development of methods of analysing statistical data in the biological, physical and economic sciences, and the study of processes and phenomena in those subjects in which some random element enters in an essential way. Some of this research is a direct result of consulting and other interdisciplinary work.

#### *Australian Dictionary of Biography*

The responsibility of a unit within the Research School, the *Australian Dictionary of Biography* is to comprise twelve volumes, covering the period 1788-1939, embracing the history of that period through biographical studies of men and women who achieved prominence in various walks of life. In any one year the unit emphasises the current volume under preparation, but gives attention also to succeeding volumes. The publication of the sixth volume in 1976 completed the period 1788-1890. The period 1891-1939 is to be covered in six volumes, the first of which was published in 1979.

#### *History of Ideas Unit*

The Unit is interested in the formation and history of concepts, systems of ideas or values, ideologies, etc., in the social sciences and in literature — in particular, those which transcend particular disciplines and are of some intellectual and theoretical complexity in themselves. Research at present concentrates on the history of ideas about man, culture, and society in the 17th to 20th centuries: for example, the detailed examination of Marx, Marxism, and Soviet and Communist philosophy and ideology; Freudianism; the relation between socialism and legal theory and the development of legal concepts; the history of the idea of social laws; the history of various fundamental concepts in sociological thought, in psychology, and in literature and literary and cultural criticism.

#### *Urban Research Unit*

The major interest is in empirical studies of urban development in Australia with particular emphasis on the role played by government authorities, and on the distributive effects of urban development. Recent research has included studies of the urban land market, housing costs and tenure, metropolitan planning, studies of accessibility, changes in inner city areas and some aspects of urban history.



# The Faculties

## Faculty of Arts

The Faculty of Arts offers courses leading to the degree of Bachelor of Arts (BA) at both pass and honours levels, and receives candidates for the degrees of Bachelor of Letters (LittB), Master of Arts (MA) and Doctor of Philosophy (PhD). The BA pass degree consists of 10 units, some of which may consist of pairs of half-units. The basic requirement for all pass degree candidates is that they complete two majors — two sequences of three years study in a single subject — as a part of their course. The remaining four units may be taken in any combination but must include at least a submajor — a sequence of two years study in a subject. All students must complete their degree in eight years. The normal period for full-time students is three years.

The Faculty consists of 12 departments: Classics, English, Geography, Germanic Languages, History, Linguistics, Philosophy, Political Science, Prehistory and Anthropology, Romance Languages, Slavonic Languages, and Sociology. In addition units are offered in Fine Art, a Human Sciences Program, Medieval Studies, Modern European Studies, Religious Studies and Women's Studies.

Students may also incorporate into their degree courses units offered by the Faculties of Asian Studies, Economics, and Science, while a combined Arts/Law course also is offered.

Students may seek, usually at the conclu-

sion of their first year's study, to undertake an honours course. This decision usually involves a greater degree of specialisation than is necessary for pass-level studies. The course lasts four years (full-time) and usually requires the student to undertake additional work in parallel with ordinary pass-level studies.

In some departments, such as Sociology, intending honours candidates are required to undertake a double major in the subject, being admitted to the honours year on the satisfactory completion of this program.

The Departments of Applied Mathematics, Pure Mathematics and Psychology are members of the Faculty of Science but students enrolled in the course for the BA degree may take honours degrees in these subjects.

In 1979, the Faculty introduced a degree of Bachelor of Letters (LittB), designed in part to meet the needs of students, who, having obtained a pass degree, wish to become eligible for higher degree candidature, and, in part, to provide an opportunity for graduates not wishing to proceed beyond the LittB, to undertake further disciplinary study at the post-bachelor level. The degree is awarded at two levels: 'Pass with Merit' and 'Pass'.

The completion of an honours degree with at least second class honours, division A, is required for admission to the MA course.

The MA course may be taken either by

research and thesis or, in the Departments of Linguistics, and Prehistory and Anthropology, by course work and thesis. An interdisciplinary MA by course work and thesis in modern European studies is also available.

### *Classics*

Greece and Rome are two of the foundations of European civilisation, respectively in the realms of thought and of action. The Department offers courses in ancient Greek and Latin as well as courses in Greek and Roman Civilization, including the art and architecture, history, thought and literature in translation.

### *English*

The Department offers a range of undergraduate courses in English literature from medieval times to the present, as well as separate courses in Australian and American literature. An honours course offers students the opportunity of deepening and consolidating their study through a detailed investigation of certain authors or periods.

### *Geography*

Geography is concerned with understanding the spatial patterns of physical and human phenomena on the earth's surface. Units offered by the Department provide opportunities to specialise in several fields of regional and systematic geography, human and physical, and to study geographical aspects of development, particularly in South-East Asia and Australia. A half-unit, Applied Geography Project, introduces students to modern research methods.

### *Germanic Languages*

A three-year sequence of courses in German aims at providing an active mastery of present-day German, a knowledge of Ger-

man literature of the last 200 years, and an acquaintance with German history and civilisation from early times. The language and literature of the Middle Ages and the Renaissance and Baroque periods are studied in separate advanced-year courses. The fourth-year honours syllabus includes three core and three elective components and the writing of a minor thesis. In Dutch, Swedish and Old Norse the two components of two-year sequences are taught in alternate years. There are also reading courses in German and Dutch and a special German language course for scientists.

### *History*

First-year students may choose from a range of five units; second-year and third-year students from a range of eight. This broad range includes three units of Australian history. Honours courses begin in second year and entail intensive work on selected aspects of the corresponding 'pass' units. The fourth-year work for final honours includes a thesis, history and theory, and a special subject.

### *Linguistics*

Linguistics consists of the study of the general nature of human language, providing a general theory of language that can be drawn on by many other disciplines. In all courses taught in the Department, emphasis is placed on teaching students how to think and reason and on sharpening their linguistic intuitions, rather than on the brute learning of facts. They are exposed to problems in a wide variety of languages, doing detailed work on two or three languages and language families, and being trained in the methods and results of current linguistic theory. The study and teaching of Australian Aboriginal languages is a particular specialism of the Department.

*Philosophy*

As philosophy is not commonly taught outside universities, there are no special prerequisites for admission to philosophy courses. For students in their first year the Department provides a flexible introductory course, Philosophy A1, in which students choose between workshop programs dealing with a wide range of topics. Further units covering all the main fields of philosophical inquiry are offered at pass level, and options devoted to a wide range of topics or subject areas at honours level.

*Political Science*

Political Science offers a common first-year course which focusses on Australian politics but offers some scope for introductory work on more specialised topics. The second and third-year courses, mainly taught as semester half-units, encourage work in greater depth in the following areas: political thought; Australian politics; political sociology; public policy and administration; international relations; comparative politics. At fourth-year honours level, students undertake advanced seminar courses and submit a sub-thesis on an agreed topic.

*Prehistory and Anthropology*

Prehistory focusses upon the origins and developments of human society and their material manifestations, while anthropology concerns the analysis of human society and culture and the understanding of social behaviour in a wide range of societies. Courses emphasise the regions of South-East Asia, Australia and the Pacific and include physical (biological) anthropology.

*Romance Languages*

The following courses are offered: in French, full pass and honours programs; in Italian, a pass major. The Department also

caters for postgraduate students.

*Slavonic Languages*

The three year course in Russian offered by the Department is designed to provide facility in reading, writing and speaking Russian and a critical appreciation of representative works of Russian literature. Honours students undertake from their second year special extra work in the fields of literature and philology which, together with work in the modern language, is completed in their fourth honours year of study.

In 1980 a first-year unit in Polish will be offered again.

A course in modern Russian literature in translation, intended for students who are not studying the Russian language is also offered.

*Sociology*

Sociology denotes the scientific study of the social behaviour of human beings in a variety of settings. The Department places emphasis on the development of analytical and methodological skills required in studying social behaviour in modern industrial societies, with special reference to Australia. Students may choose from a broad range of semester courses to take a major, double major or honours in sociology. Supervision is available for higher degrees in methodology, theory and a range of substantive topics in sociology, such as sociology of education, ethnic and racial groups and social policy.

*Aboriginal Studies*

In 1975 the Faculty of Arts and the Board of the School of General Studies approved the creation of a major and sub-major in Aboriginal Studies. This development enables students with an interest in Aboriginal Studies to take a set of interrelated courses in dif-

ferent disciplines without the normal prerequisite required in each discipline. The major and sub-major in Aboriginal Studies is an interdisciplinary course in which it will be possible to combine prehistory, anthropology, history, and linguistics for a broadly-based understanding of Aboriginal society, both past and present.

#### *Australian Studies*

In 1977 the Faculty of Arts and the Board of the School of General Studies approved the creation of a major and sub-major in Australian Studies. This development enables students to combine courses selected from Geography, English, History, Economic History, and Political Science which are specifically concerned with Australia.

#### *Fine Art*

The first-year course in Fine Art is designed to introduce students to painting, sculpture and architecture seen within their historical, cultural and social context. Although it is not a survey course in its orientation it will look at specific recurring problems and art historical methodologies used in the study of medieval, Renaissance and 20th-century art. The other three approved courses are later-year units which concentrate on the study of Gothic and Renaissance art, 19th-century art and early 20th-century art.

#### *Human Sciences Program*

The Human Sciences Program is offered by the Faculty of Arts and the Faculty of Science; it is administered as a sub-department of the Department of Prehistory and Anthropology in the Faculty of Arts.

The Program aims to guide students towards an understanding of mankind's total situation in the environments of the past, present and future, by focussing on the

interaction between natural and human systems. The understanding of complex situations and problems depends on the integration of information and ideas from a broad range of academic disciplines, and the Program is designed to complement specialist courses undertaken in any faculty.

#### *Medieval Studies*

Medieval Studies is a program administered by the Department of English offering an independent set of courses. There are five such courses at pass level, which allow a major sequence to be included in the degree of Bachelor of Arts.

Candidates for honours are required to take the honours components in Medieval Studies in addition (among other things) to at least one other approved major sequence. The fourth-year course is contributed to and examined by Medieval Studies and the department in which the candidate has taken the other major sequence.

#### *Modern European Studies*

A major in Modern European Studies is currently offered by members of the Departments of English, History, Philosophy, and the modern languages departments. The major consists of courses in the area of European thought, literature and society from the mid-eighteenth century to the present. Students are required to pass a first-year unit in French, German or Russian before proceeding to a second-year unit in the Modern European Studies major. A degree of Master of Arts by course work and thesis in Modern European Studies is also offered. It consists of a core course on European social thought from the 19th century, four semester-length options and a sub-thesis.

#### *Religious Studies*

Religious Studies is a new interdisciplinary

development within the Faculties of Arts and Asian Studies. At present it comprises two units: Religious Studies A (first offered in 1977), which involves the study of concepts or themes common to the world's major religions (e.g. the idea of creation; evil, guilt and pardon; man and the community); and Religious Studies B (first offered in 1978), which is an historical investigation of the Semitic tradition in religion, i.e. Judaism, Christianity and Islam, considered as far as possible as one cultural unit.

### *Women's Studies*

The Women's Studies Program consists of two full-year units — Women's Studies A and Women's Studies B. Both are available to advanced-year students who have specified prerequisites. Each course may be taken as a single unit, or as part of a major or sub-major in the Departments of History and Sociology, and under certain conditions in other departments. Each is a trans-disciplinary course concerned with the position of women in society. Women's Studies A concentrates chiefly on the anthropological, biological, historical and philosophical dimensions of gender differentiation; Women's Studies B on the historical, political, psychological and sociological expressions of relations between the sexes.

### **Faculty of Asian Studies**

The Faculty of Asian Studies consists of four language departments and the Department of Asian Civilizations. Linguistics, a department of the Faculty of Arts, is also a member in its own right of the Faculty of Asian Studies.

The language departments are Chinese, Indonesian Languages and Literatures, Japanese, and South Asian and Buddhist Studies. They provide courses in the principal modern languages and literatures of

South Asia (Hindi), South-East Asia (Bahasa Indonesia/Bahasa Malaysia and Thai), and East Asia (Chinese and Japanese) and in certain of the classical languages appropriate to these regions: Sanskrit, Classical Chinese, Classical Japanese, Arabic, Old Javanese and Literary Persian. The Department of Asian Civilizations offers courses in the social and religious history of those regions for which a relevant Asian language is taught.

Students of the Faculty graduate with the degree of Bachelor of Arts (Asian Studies) at pass or honours level.

Combined courses at pass or honours level are available in Asian Studies/Economics and Asian Studies/Law, on the completion of which a student graduates with two degrees.

The Faculty also provides supervision for research leading to the higher degrees of Master of Arts (Asian Studies) by thesis or course work, and Doctor of Philosophy by thesis.

The Faculty welcomes applications from suitably qualified candidates for higher degrees. A limited number of postgraduate scholarships are awarded by the University on a competitive basis.

### *Arabic*

A three-year pass major is available in Arabic, taught in the Department of Indonesian Languages and Literatures. The course aims to develop a mastery of standard Arabic grammar, to train the student in reading secular and religious texts, and to lay the foundations for an active mastery of this form of the Arabic language.

### *Asian Civilizations*

In order to acquaint the student with Asian cultures, the Department presents a range of courses allowing specialisation in the East

Asian, South-East Asian and South Asian areas. Introductory units include general surveys of the geography and history of the area, its religions and philosophies and some aspects of its material culture. Honours students enrolled in the Faculty of Asian Studies are required also to major in an Asian language.

### *Chinese*

The Department offers majors in both Modern and Classical Chinese. The major in Modern Chinese aims to develop a practical skill and an active command of modern standard Chinese (*pǔ-tōng-huà*), while the major in Classical Chinese is intended as a specialist study of literary, historical and philosophical texts, primarily for honours students but available also at the pass level. A student taking Classical Chinese as a major but not in conjunction with a major in Sanskrit, is required to take a major in Modern Chinese. A fourth-year honours course is provided for both Classical and Modern Chinese. PhD and MA courses by thesis are available for postgraduate candidates.

### *Hindi and Urdu*

A knowledge of Hindi, the official language of India, is essential for students interested in any aspect of the civilisation and society of modern and medieval India. Apart from helping students to attain fluency in spoken and written Hindi, the course provides a strong background in the culture of Hindi-speaking people, and includes reading and discussion of Hindi from the modern and pre-modern periods.

Two half-units in Urdu are also offered. Urdu has a highly-developed thriving literary tradition and is both the official language of Pakistan and an important language of India.

### *Indonesian Languages and Literatures*

The Department is concerned with those languages of the West Austronesian family which are spoken in the territories of Indonesia and Malaysia. The most important of these is Malay, in its standard Indonesian form known as Bahasa Indonesia, in its standard Malaysian form as Bahasa Malaysia. For teaching purposes the Indonesian variant is regarded as a norm.

Bahasa Indonesia and Malay may be taken at pass and honours level, and a range of more specialised options are available in Bahasa Indonesia and Malay IV. The Department also offers a major in Literary Arabic and a sub-major in Javanese. It is responsible for the administration of a major in Thai language and literature, and also a sub-major in Religious Studies.

Supervision is available for higher degrees in literary and philological studies, particular articulations of Islamic and Hindu/Buddhist culture in the region and certain topics in applied linguistics.

### *Japanese*

The Department offers a basic three-year course designed to give an immediate reasonable competence and eventual full mastery of the current standard language as a means of communication or research tool. The course assumes no previous knowledge and is therefore demanding. The honours course includes additional units in Literary Japanese, literature and linguistics, most of which are also available to pass students.

### *Linguistics*

See Faculty of Arts

### *South Asian and Buddhist Studies*

The Department is concerned with languages and literatures of South Asia from the earliest times until the present. There is

a three-year and a four-year honours course for Sanskrit and Hindi.

The three-year course concentrates on Classical Sanskrit, the main cultural language of South Asia and a prerequisite for the study of the history and cultural background of ancient India and its neighbours. Additional work prescribed for the four-year honours course includes the study of Pali, Prakrit, Vedic and more difficult Sanskrit texts.

A one-year course in Literary Sinhala is offered and, a two-year course in Literary Persian is available.

### *Thai*

The Faculty offers a major in Thai, the only such program currently available in Australia at a tertiary institution. No previous knowledge of Thai is required, and the three-year course aims at providing competence both in spoken and written forms of the language. In the third year, students are encouraged to use Thai materials as resources in their special areas of interest, and the curriculum is designed flexibly to accommodate this. Students wishing to concentrate on literary or linguistic aspects of Thai can be given guidance, as can those with interests in other languages of the same family, such as Lao. Thai is administered through the Department of Indonesian Languages and Literatures.

### **Faculty of Economics**

Economics and the related subjects of accounting and public finance, computer science, econometrics, economic history, political science and statistics which are offered by the Faculty of Economics are important not only for their intrinsic interest and educational value, but also because of their relevance to an understanding of the world's major problems, how they have

emerged, and their possible solutions. The Faculty provides courses for the degree of Bachelor of Economics (BEc) at the pass and honours levels; for the Diploma in Economics (DipEc), a one-year course at fourth-year level for candidates who already hold an acceptable pass degree; and for the degree of Master of Economics (MEc), either by research and thesis or by a one-year program of full-time course work. The Faculty also accepts students for the degree of Doctor of Philosophy. A program at the level of the degree of Master of Administrative Studies was introduced in 1974.

The successful graduate in economics must earn 20 points over his course program; two are awarded for each full-year unit completed, one for each semester or half-unit. All candidates for the BEc degree must complete a compulsory major in economics, together with two approved semester units in statistics. A second major must be chosen from a variety of major sequences approved by the Faculty. They may undertake any other approved group of units which may be taken from any Faculty, including of course the Faculty of Economics. The ordinary degree requires three years for a full-time student and the honours degree requires four years. (There is also a four-year degree with specialisation in accounting offered as an alternative to the three-year course.)

The Faculty encourages multidisciplinary courses. In addition to the combined BA(Asian Studies)/BEc course over four years mentioned earlier, there is a five-year combined Economics/Law degree, a five-year combined Economics/Science (Forestry) degree and a four-year combined Economics/Science degree.

### *Accounting and Public Finance*

The Department offers courses in two main

fields: accounting and financial analysis in the public and private sectors; and taxation and the theory of resource allocation in the public sector. The accounting courses commence with Accounting I as a common starting point; in second and third years, students may choose from a range of semester units. For students wishing to become professionally qualified accountants, a four-year BEc degree with specialisation in accounting is available as an optional alternative to the standard three-year degree supplemented by several non-degree units.

### *Economic History*

Economic History is the study of change over time in the performance and structure of economies. Although it stands close to economics and makes use of the concepts and techniques of economic theory, the introductory course offered by the Department does not assume a prior knowledge of economic theory. Units offered all relate to modern periods of development, the main areas of study being Britain, the United States of America, Australia, Japan, India, Russia and some economies in the post-1945 period.

### *Economics*

Courses offered by the Department seek to provide an understanding of the economic system and to analyse the central problems of government economic policy, such as inflation, unemployment, resource allocation, economic growth, income distribution and foreign trade. Students may supplement the economics major by enrolling, in the second and third year, in various courses in applied and mathematical economics.

### *Statistics*

Statistics is concerned with the process of drawing inferences from data which have

been generated by some mechanism in which chance elements play a part and as such is closely associated with the Theory of Probability. The Department provides a non-mathematical course in statistical methods for economists and other social scientists; courses in the theory and application of econometrics; and courses, mathematical in content, in the theory and practice of statistical methods, and in various applications of Probability Theory.

### *Administrative Studies Program*

The program for the course at the level of Master of Administrative Studies began in the 1974 academic year. Prerequisites for the course include work in economics, statistics, political science, psychology, accounting and law. Bridging courses in these subjects are provided for candidates for the degree in a preliminary year of study. The one-year subsequent course for the degree is interdisciplinary covering issues of policy analysis, decision-making and implementation. The program will not be able to enrol new students in 1980.

### *Centre for Research on Federal Financial Relations*

Established in 1972 at the request of the then Prime Minister and financed directly by the Australian Government for an initial period of five years, the Centre has undertaken a major program of research into the Australian federal system and comparable systems elsewhere. The Centre studies all aspects of intergovernmental relationships, provides for postgraduate study in the area and publishes the results of its research. It is autonomous in determining its approach to these subjects.

### **Faculty of Law**

Unlike other faculties of the School of General Studies, the Faculty of Law is neither



divided into departments, nor does the structure of its course provide for majors and sub-majors in the various branches of legal studies. Students for the degree of Bachelor of Laws (LLB) are required to complete 21 subjects of which 14 are compulsory.

The range of choice permitted through the provision of optional subjects is sufficiently wide to permit a student to develop a specialised interest in a particular field such as commercial law or public law, or to make a broad selection of subjects which will provide a wide scope for later career opportunities. In most cases there are 52 lectures in a year-long subject or 26 lectures in a semester-length subject, but there are some variations. Full-time students are expected to complete the course in four years, part-time students in not less than six years.

A feature of the training offered by the Faculty is the encouragement given students to study also in disciplines other than law. The majority of students enrol for combined BA/LLB, BA(Asian Studies)/LLB, BEc/LLB or BSc/LLB courses. The University believes that, given the ramifications of law in all areas of society, and the interrelation of law and other fields of study, particularly the social sciences, the broader the education of the lawyer the better lawyer he or she is likely to be. These combined courses may be completed in five years of full-time study. At the end of third year the successful student will graduate with a BA, BA(Asian Studies), BEc or BSc degree and will complete the LLB degree in two further years of full-time study.

A person who has a university degree in another discipline may be permitted to study for the LLB degree over three instead of four years of full-time study. This graduate course contains fewer subjects

than the ordinary LLB degree course. Competition for places is strong.

The Faculty offers the opportunity to study for the degree of Bachelor of Laws with honours—candidates are selected on the basis of their performance in pass degree work during their first three years.

The LLB degree is recognised as a professional qualification in the Australian Capital Territory, Victoria and New South Wales. A graduate who intends to practise as a barrister in New South Wales need not undertake further formal training. A graduate is entitled to practise as a barrister and solicitor in the Australian Capital Territory or Victoria, or as a solicitor in New South Wales upon the completion of certain postgraduate requirements: these are either the completion of a recognised postgraduate course of not less than six months, or (in the Australian Capital Territory or Victoria) the service of articles under a qualified solicitor for one year after graduation.

The Faculty provides supervision of candidates for the degrees of Master of Laws (LLM) or Doctor of Philosophy (PhD) by research and thesis. A multidisciplinary postgraduate Diploma in International Law is available by course work and thesis, and the degree of Master of International Law may be achieved through additional studies. These International Law programs are available to suitably qualified graduates of other disciplines as well as law graduates.

### **Legal Workshop**

Set up in 1972, the Legal Workshop provides a postgraduate course of professional education for the practice of law. Now taking in two groups of graduate students annually for a six-month period each, it is a pioneer institution in Australia, though there have been similar, and similarly suc-

cessful, experiments overseas, especially in Canada. Similar courses are also now in operation or contemplated in Tasmania, New South Wales, Victoria, Queensland, Western Australia and South Australia.

Completion of the Legal Workshop course is recognised as a qualification for admission to practice in the Australian Capital Territory and in New South Wales. But even after completion of the course a person cannot obtain a full practising certificate unless he works as an employee with one or more solicitors for a further 12 months. A person who has by virtue of a workshop qualification been admitted to practice in the Australian Capital Territory is eligible for immediate admission in Victoria.

The chief aim of the Workshop course is to introduce the graduate student to an understanding of the professional skills and techniques required for the practice of law. It is designed to train a student in the application of the legal knowledge and intellectual skills, acquired through his academic course, to the problems of legal practice. It provides a common training for all practitioners, whether they intend ultimately to practice as barristers or solicitors or both. While consisting mainly of practical instruction and exercises in professional problems and procedures, it also covers such topics as office management and procedures, accounting and professional conduct.

Open to any LLB graduate from an Australian university and to certain graduates of other universities, instruction in the workshop is provided by members of the legal profession and judges in the Australian Capital Territory, New South Wales and Victoria.

### **Faculty of Science**

The degree of Bachelor of Science (BSc) offered by the Faculty of Science at pass

level provides a general scientific training on which graduates may build a professional, administrative or teaching career. Students whose preliminary work has been of an adequate standard may be admitted to the fourth-year honours course. The post-graduate degrees of Master of Science (MSc) and Doctor of Philosophy (PhD) may be earned through research work and thesis or, in the case of the MSc degree in Forest Management, by course work.

The 12 departments of the Faculty are named, in general, according to the traditional divisions of the physical and natural sciences. Many undergraduates specialise in one of these divisions while studying certain parts of others as auxiliary to their main interest. The successful candidate for the BSc pass degree, which may usually be completed over three years of full-time study or its equivalent, is required to accumulate at least 20 points, awarded according to the value of the units passed. The BSc degree with specialisation in geology, requiring at least 26 points, may be completed over four years of full-time study or its equivalent. The first-year student normally takes units to the value of eight points, most of which are full-year units each being worth two points. Units taken in succeeding years are of varying values, but most are worth one point and extend over only half of the academic year.

A specialist course for the degree of Bachelor of Science (Forestry)(BSc(Forestry)), is offered by the Faculty's Department of Forestry and normally extends over four years. By arrangement, students who have completed satisfactorily one year of an approved course at another university may transfer to the Australian National University for the final three years of the forestry course. The honours program in forestry is normally taken concurrently with the last

two years of the course but, alternatively, may be taken at the conclusion of the pass course.

Combined Science/Law, Science/Economics and Forestry/Economics courses are offered, having a normal full-time duration of five, four and five years respectively.

### *Applied Mathematics*

The Department is concerned with aspects of mathematics that are of use in contemporary problems and the courses offered emphasise methods and techniques that are of practical value to students in other disciplines. The Department offers full courses for the pass and honours degrees. Research interests include astrophysics, fluid dynamics, numerical analysis, geomagnetism, quantum electrodynamics, and modelling of power systems.

### *Biochemistry*

Biochemistry is the study of living things, using the methods and concepts of chemistry and physics. The undergraduate courses attempt to explain in such terms the mechanisms governing all aspects of biology, including transformation of foodstuffs, nutrition, energetics, kinetics, metabolic regulation, genetics, cell biology, and immunology. Also included in detail are the physico-chemical structures and functions of the small molecules and macromolecules which constitute living organisms. Every effort is made to relate and apply these basic concepts to human problems, including disease.

The Department is also the main centre for the teaching of microbiology, although units in this subject are also taught by the Departments of Botany and Forestry. Microbiology is the study of microscopic organisms: viruses, bacteria, yeast, fungi, algae and protozoa. The units offered bring

together such diverse disciplines as industrial chemistry, biochemistry, genetics and ecology, areas in which microbes make an important contribution to man's welfare and understanding of nature.

### *Botany*

The close relationship between botany, the comprehensive study of plants, and other scientific disciplines is emphasised in the courses offered by the Department. Considerable attention is given to field work and to the experimental approach to the study of plants.

### *Chemistry*

Chemistry deals with the study of matter in respect of its structure at the level of individual atoms and molecules and of the manner in which such structures can be altered by chemical reactions. Community aspects of chemistry are discussed in courses on environmental chemistry, and the Department has a strong interest in consumer chemistry. Instrumental analysis, analytical chemistry and preparative chemistry are taught in our practical courses.

Chemistry is an essential part of the background to the study of most other science disciplines. Thus physical chemistry offers a strong interface with mathematics, computer science and physics; inorganic chemistry with biology and geology; organic chemistry with biochemistry, forestry and the biological sciences.

Most courses taught by the Department are designed to meet the needs of students to whom chemistry is the principal concern while others serve those whose interest is subsidiary to another branch of science.

The Department offers specialist training at the honours level (4th year) in a wide variety of topics including laser spectroscopy, plant growth regulators, anti-tumour

drug synthesis, Mössbauer spectroscopy, macromolecules and protein structure as well as forensic science and atmospheric pollutants.

### *Computer Science*

Computer Science is concerned with the study of computational processes, including their specification, design, behaviour, properties, applications, and supporting mechanisms and methodologies. The Department provides a range of undergraduate courses (including fourth-year honours) on various aspects of the topic, including programming languages, machine organisation, logic design, automata theory, computing structures, numerical methods, computing systems, computer image processing and pattern recognition, compiler construction, information systems, advanced computer architecture and artificial intelligence. It also provides supervision for students undertaking postgraduate degrees of master and Doctor of Philosophy. Computer Science courses can be taken through any of the Faculties of Arts, Science and Economics.

### *Forestry*

The Department of Forestry is the national centre for higher forestry education. The undergraduate courses provided by the Department aim to give a thorough appreciation of the basic biological, physical and social sciences pertinent to the forest ecosystem as well as a comprehensive knowledge of the science, art and business of forestry. The multidisciplinary curriculum is thus particularly suitable for the training of professional forest officers. It is, however, an eminently suitable course for those intending to enter a variety of professions where renewable natural resources and land management are involved. Field

and laboratory work are required. Graduates are awarded the specialist degree of Bachelor of Science (Forestry).

### *Geology*

Students seeking either a general science degree in geology or more specialised qualifications in the subject are offered a wide variety and choice of subjects by the Department. Lectures are supplemented by an intensive course of practical work, including field excursions and mapping projects to illustrate features of geological interest in the local area. The successful completion of a program of practical work is a prerequisite for the ultimate completion of studies.

### *Human Sciences Program*

See Faculty of Arts

### *Physics*

Physics is the discipline of science most directly concerned with the fundamental laws of nature. It is the science of measurement, experiment and systematisation of the results of experiment. The Department offers a variety of undergraduate courses of both year-long and semester duration, covering most of the main branches of the science. Research and postgraduate supervision is carried out in the areas of atomic collisions in solids, archaeometry and aero, laser and nuclear physics.

### *Psychology*

The study of psychology pursues the understanding of behaviour, personality and interpersonal interaction as both biological and social phenomena. Undergraduate courses concentrate upon core psychological theory upon which any of a variety of applications in research, teaching, counselling and administration may be built. The

Department has research interests and facilities for postgraduate students in the areas of physiological psychology, ergonomics, attitudes, cognitive processes and perception, learning, environmental psychology, psychopathology, counselling and group behaviour.

#### *Pure Mathematics*

The Department offers a substantial range of mathematics courses at different levels of pass, honours and methods. The courses are designed to provide basic mathematical tools for other disciplines and to also cater for students who are primarily interested in mathematics. Research and postgraduate supervision is carried out in the areas of logic, group theory, functional analysis, differential equations and topology.

#### *Theoretical Physics*

The purpose of theoretical physics is to contemplate the results of past observation and experiment, to formulate theories which will coherently describe them, to analyse the formal structure of such theories and to discover, if possible, features common to otherwise disparate theories and to summarise these as laws about laws. Finally, the theoretical physicist suggests what further observations or experiments might be made in the light of such work. The Department offers training in theoretical physics mainly at third and honours-year level and beyond.

#### *Zoology*

Zoology includes every aspect of the scientific study of animals from the single-celled Protozoa to man. It is largely an experimental subject, but an important feature is the study of the populations and behaviour of animals in their natural environments. In all courses except Theoretical Zoology, practical work in the laboratory or field is a large

component. Courses for undergraduates survey the animal kingdom, with special reference to the fauna of Australasia. At the same time they present the major aspects of animal biology, such as ecology, ethology, parasitology, physiology, and developmental biology. For honours, a research project is undertaken. Research for honours and for the degrees of MSc and PhD is carried out in a wide range of subjects, including those mentioned above and comparative biochemistry, endocrinology, entomology, pathology, mammalian reproductive physiology and the biology of seashore animals. Some of the research in these fields is related to practical problems of agriculture, stock breeding or human health.

#### *National Nuclear Magnetic Resonance Centre*

The Centre was established by the Australian Government during the triennium 1973-75 and is located in the Department of Chemistry. Operations commenced in April 1975, to provide a service, principally by post, in nuclear magnetic resonance measurements at high field (64kG) for all scientists in industrial, government and university laboratories throughout Australia and abroad. Funding for the Centre is provided by a direct grant from the Government.

The Centre is equipped with a Bruker HX-270 superconducting magnet spectrometer operating at frequencies suitable for the observation of proton (270 MHz), carbon-13 (67.9 MHz), deuterium (41.4 MHz) and nitrogen-15 (27.3 MHz) nuclei in both continuous wave and pulse Fourier modes. A dedicated Nicolet 1180 computer system (64K memory) compliments instrument sensitivity and provides access to all state-of-the-art nmr operations.

# University Academic Centres

In this University there are several multi-disciplinary and problem or issue-oriented research centres which have an existence largely separate from the research schools and the faculties. In part, these centres reflect a recognition of the value of studies which cut across traditional disciplinary divisions, bringing to problems the perspectives of a variety of expertise. In part, they are a response by the University to specific problems faced by Australia, and by tertiary education in general.

## **Centre for Resource and Environmental Studies (CRES)**

The Centre for Resource and Environmental Studies carries out research in selected aspects of resources and environmental problems, paying particular attention to national concerns and policy issues. It also trains PhD students and provides a master degree by course work (two years full-time, four years part-time). The Centre is non-departmental, but the staff is organised around the activities of senior tenured staff who have responsibilities for leadership in the fields of minerals and energy resources, human ecology, and applied systems analysis. The resources group is currently concentrating on economic and international trading aspects of minerals supplies, and an examination of all aspects of Australia's energy policy, especially in relation to liquid fuels and alternative energy sources. The human ecology program comprises several

activities: quality of life problems, with particular attention to urban and Australian Aboriginal situations, the global eradication of smallpox, and human ecological problems in Papua New Guinea. Besides conducting theoretical studies in recursive time series analysis, systems analysts in the Centre, reinforced by a geomorphologist and a biologist, are carrying out modelling studies of hydrology and water quality in the ACT, the Peel-Harvey Inlet in Western Australia and Magela Creek in Northern Territory.

The second course for the degree of master began in 1979, with four full-time and eight part-time students, under the direction of a geomorphologist who acts as course co-ordinator.

## **Humanities Research Centre (HRC)**

The Humanities Research Centre was established in 1973 with a view to stimulating and advancing research in the humanities throughout Australia. The broad area of concern is with European thought and culture and their influence overseas. Subjects which fall most obviously within this area are English and European languages and literatures, philosophy, fine art, music, and many areas of history. Particular themes are designated for special study in particular years: in 1977, the theme was translation; in 1978, medieval culture and thought; in 1979, drama. In 1980 the Centre will concentrate on the cultural origins of 19th-century

national revivals; in 1981, on Australia and the European imagination. The Centre is especially, though not exclusively, concerned to encourage interdisciplinary work in the humanities.

Visiting fellowships are offered for periods ranging from three to 12 months. They are awarded by invitation and advertisement to Australian and overseas scholars. One of the Centre's hopes is to encourage expatriate Australian scholars in the humanities to revisit their native country. Visiting fellowships are designed primarily to give scholars time to get on with their work in congenial and stimulating surroundings. There are, for the present, no teaching requirements, though fellows will be helped and encouraged to make contacts with appropriate departments in Canberra and elsewhere. It is hoped to have a mixture of distinguished senior scholars and younger scholars of high promise working in the Centre at any one time. (Awards are not normally made, however, to candidates who might more appropriately be considered for Australian National University scholarships for the degree of Doctor of Philosophy.)

The Centre also offers conference visitorships and summer fellowships. Conference visitorships are designed to assist overseas scholars to visit Canberra for short periods in order to take part in HRC conferences. Summer fellowships are designed to assist scholars from within Australia and New Zealand to spend a part of the long vacation working in Canberra. Visiting fellows, conference visitors, and summer fellows are given the use of a room in the Centre and (wherever possible) some secretarial and bibliographical assistance. The Centre also welcomes other occasional visitors.

The centre organises and sponsors conferences, seminars, talks and lectures, both

on a regular and an occasional basis.

### **North Australia Research Unit (NARU)**

Now in its sixth year of operation, the Unit has become firmly established in its dual role of conducting and servicing scholarly research in North Australia. The Unit is based in Darwin and operates under an Advisory Committee drawn from many parts of the University and a few selected State universities with extensive northern research interests.

It undertakes, with its own staff, research over a broad range of problems. For the immediate future, problems with socioeconomic connotations affecting all segments of the northern population, including Aborigines, will receive most attention. The end of its first major research project—a comprehensive study of tillage in North Australia—is in sight, and Unit staff are now engaged in research into some aspects of natural hazards in the northern regions with emphasis on tropical cyclones and flooding. A new research initiative involving the politics of northern development will soon be undertaken.

The Unit also provides a variety of services (some in Alice Springs) for research workers coming north on their own projects. All services are available not only to members of this University but to those from other institutions and agencies who may find a need for them.

The Unit has an established publications program in which the *North Australia Research Bulletin* is the major entry: its pages are open to any author, regardless of affiliation, who presents the results of original research relevant to North Australia in a scholarly manner. A further Unit function is the organisation of seminars on subjects of importance and interest to the northern

community and the publication of the proceedings. These publications will shortly be joined by a *Newsletter* which will note research activities of various agencies operating in the North.

At present the Unit occupies offices in the Australian Archives Repository in a Darwin suburb, but during 1980 modest offices will be constructed on a four-hectare site adjoining the Darwin Community College.

### **Centre for Continuing Education (CCE)**

The Centre for Continuing Education undertakes two kinds of work, which support each other: studying the education of adults and processes of continuing education; and providing learning opportunities to adults through an extensive program of conferences, seminars, workshops and courses. The Centre emphasises partnership with individuals and organisations elsewhere as one means of fostering an active and responsible 'learning society'.

The Continuing Education program brings the resources of the University and the Canberra College of Advanced Education to some 3000 members of the local community in the form of non-award courses in the natural and social sciences, the humanities, and in the application of these to contemporary issues and problems.

The extension program includes national conferences and workshops on issues of public importance, such as the economy, relations with Asia, mass media and communications, the future of work and the family. Diversification and updating courses are provided for different professional and other occupational groups. Academic work includes studying the implications of social, economic and technological change for education, especially the strategy of recurrent

education for life-long learning, the training of research students in different fields of continuing education, and an annual program for fellows from the Asian and Pacific region supported by the W.K. Kellogg Foundation.

### **Office for Research in Academic Methods (ORAM)**

The Office for Research in Academic Methods was established in March 1975 as a result of discussions within the University about the need for recurrent evaluation and improvement of teaching and learning methods.

The main objectives of the Office are: to encourage an interest by the academic staff of the University in increasing the effectiveness of teaching and learning; and to collect, maintain, organise and analyse information useful in the planning and decision-making processes of the University, particularly with respect to the allocation and use of resources.

A consultation service is available to members of the academic staff on aspects of teaching and learning. The Office will also carry out on request evaluations of courses or sections of courses, either as part of a formal departmental review or at the invitation of individuals. In addition, seminars are offered on topics of interest to specific groups within the University.

Research conducted by the staff of the Office into such areas as academic performance and progress, especially in relation to institutional factors, and the dynamics of the relationship between teachers and learners, is designed to contribute to the maintenance and improvement of standards in the University. The Office also undertakes research in connection with projects initiated by the University; and the academic staff of the Office are encouraged to pursue rele-



vant research topics in their own fields.

The Office complements the functions of the Instructional Resources Unit, which deals with educational technology. It also works closely with the University Counselling Centre, University and Student Administration, and the Computer Services Centre.

Academic staff of the Office are also involved in undergraduate teaching and postgraduate supervision.

### **Survey Research Centre (SRC)**

The Survey Research Centre was established in 1974 to provide assistance for individual academic survey projects. Within the University, the Centre provides a consultation service for the design, management, and analysis of individual surveys; at the data-analysis stage it assists and advises with editing, coding, classification and analysis of data.

The Centre maintains liaison with other survey organisations and is the agent for the Australian Consortium for Social and Political Research Incorporated, an association of universities and colleges of advanced education formed for the purpose of acquiring and sharing social science data sets. A complementary activity of the Centre is the compilation of a list of Australian social science studies that have used, or are using, survey techniques. The Centre provides teaching and training in survey methodology, conducts seminars, and pursues academic research into sampling theory and aspects of survey management. Access is provided to an extensive reprint collection relative to these research interests.

In 1978 the Centre commenced a six-monthly 'omnibus' survey of the Canberra population. The principal aim of this survey is to give academics, government depart-

ments and the media the opportunity to study the circumstances and opinions of Canberra residents without each separate organisation having to bear the overheads of a separate short-questionnaire survey.

It is expected that the Centre's resources will increasingly provide a means whereby research in the University can contribute to an understanding of Australian society and the direction of social change.

### **NHMRC Social Psychiatry Research Unit**

The Social Psychiatry Research Unit was established in 1975. It is an independent research centre operating as part of the University but financed by the National Health and Medical Research Council. It operates through an Advisory Committee, reporting to the Vice-Chancellor.

The purpose of the Unit is to provide a setting for psychiatrists and behavioural scientists to undertake full-time research on mental illness, investigating areas that are likely to lead to clinically useful results. The Unit provides an opportunity for training and experience in psychiatric research, a field which in Australia has hitherto suffered from neglect.

The main work of the Unit is the study of experiential factors in mental illness. Areas of special interest are the aetiology of neurosis and mental illness in the elderly. Studies are being conducted on factors in the social environment which may cause psychiatric disorder or, conversely, which may be used in treatment or prevention. The Unit is engaged in a large epidemiological study of neurosis in the general population, in relation to stressful experiences and the availability of social support. Methods have been developed for the measurement of the latter. This represents some progress in the use of more refined social

variables in psychiatric epidemiology.

### **Health Research Project**

The Health Research Project was established in 1978 for the purpose of conducting social science studies in the field of health and medical care. It operates as an independent research project within the University, through an advisory Committee reporting to the Vice-Chancellor. The main financial support is from the University and the National Health and Medical Research Council, but the Project also receives grants from the Commonwealth Department of Health and outside sources.

The Projects's current research program is mainly directed towards health economics and health statistics, with particular emphasis on health service expenditures and their financing, cost and price movements in the health services, health manpower studies, and patterns of medical practice. However, the Project has also conducted research into Aboriginal health statistics and the role of various health professions in service delivery. The Project has a full-time staff of four academic and three support personnel, supplemented by Visiting Fellows whose work is related to the Project's interests. The results of research by full-time staff are reported in a Research Report Series, and those of Visiting Fellows in a Research Monograph Series, distributed by the ANU Press.

### **Australia-Japan Economic Relations Research Project**

The Australia-Japan Economic Relations Research Project was established in 1972 with the aim of bringing together and coordinating research by economists on various aspects of Australia-Japan regional economic relations. Its research programs, seminars and publications involve research-

ers from other universities and research institutions in Australia and elsewhere and the participation and support of government and business. The work of the Project is undertaken in co-operation with a counterpart group of Japanese economists based at the Japan Economic Research Centre. The Project's publication schedule includes research papers and (since 1978) an Annual Research Report.

# Other University Activities

## **The University Library**

The University Library comprises three main collections, housed in the R.G. Menzies, J.B. Chifley and Life Sciences Library Buildings, as well as the Law Library and seven branch libraries serving specialised subject areas in the sciences. Total holdings now exceed 1,000,000 volumes and approximately 15,000 serial titles are regularly received.

The R.G. Menzies Building houses research collections mainly in the social sciences and Asian studies. This building is also the location of the Library's administration and its Technical Services Division. The J.B. Chifley Building holds the main collections related to courses offered by the School of General Studies as well as the research collections in the humanities. The Chifley Building is also the centre for audio-visual equipment and materials both within the Library and in the Instructional Resources Unit located on the lower ground floor which includes the language laboratories. The Law Library is separately housed in the Faculty of Law Building and serves both the Faculty and the Department of Law in the Research School of Social Sciences.

The science collections and services are located in the Life Sciences Library Building and in the following branch libraries: chemistry (Research School of Chemistry), earth sciences (Research School of Earth Sciences), medical sciences (John Curtin

School of Medical Research), physical sciences (Research School of Physical Sciences), and astronomy (Mt Stromlo and Siding Spring Observatories).

Reference staff are available in all Library locations to assist readers to obtain wanted material from within the University Library system or, where appropriate, through inter-library loan from outside libraries. On-line computer-based information services in the biomedical sciences are available on inquiry at the life sciences and medical sciences libraries.

Collections are mainly arranged by the Library of Congress classification scheme. The East Asian collection in the Menzies Building is an exception and is classified by the Harvard-Yenching system.

Library guides describing services, facilities, opening hours and other information are available in all libraries in the University. Apart from certain restricted categories, most materials may be borrowed by registered users of the Library. Members of the University and accredited visitors may register at any of the main library buildings. Others seeking access to the libraries should make written application to the Librarian.

## **Computer Services Centre**

The Computer Services Centre provides a general computer service to the University. The main service offered by the Centre is based on the use of a Univac 1100/42 com-

puter. Remote access facilities are being provided by means of a campus network controlled by a PDP 11/50 computer which acts as a front end processor to the Univac 1100/42. The Centre makes available an extensive library of language processors, applications packages, and sub-routines, and provides an on-line documentation service in support of these. The major computing language is FORTRAN, but use of others is growing especially for Computer Science teaching, and for special activities such as Simulation. Substantial use is made of SPSS for statistical analysis of data. Computing facilities are available to all staff and research students of the University subject only to approval by the Head of the user's department. Organisations outside the University are charged for time used as are some projects which are funded externally. The Centre's staff is available to assist members of the University in the planning and execution of computing projects, but does not, in general, undertake to write programs for specific applications. The campus computer network is supported by the Centre, and is being expanded to provide better remote access facilities and services.

#### **Instructional Resources Unit (IRU)**

The Unit was established in 1975 and incorporated and expanded the services offered by the Visual Aids Section (Central Administration) and the Language Laboratories (School of General Studies).

The Unit is educationally based and works in close co-operation with the Office for Research in Academic Methods (ORAM) providing support facilities for increasing the efficiency of teaching and learning, and with the Library, in the provision of non-print material for private study purposes.

Services offered to the University include

photographic production and processing, audio and television production and processing, language laboratories, preparation of graphics, equipment supply and servicing, and general consultancy in the use and choice of equipment.

The Unit assists instructors in the preparation and delivery of course segments and expansion of the range of resources for demonstration and illustration.

#### **Australian National University Press**

The Australian National University Press is the scholarly publishing section of the University. Editorial policy is the responsibility of an academic body, the Editorial Board, while administratively and financially the Press is under the control of the Vice-Chancellor.

Publications by the Press reflect many of the research and teaching activities of the University.

#### **Acton Press**

Acton Press, like ANU Press, is a wholly-owned trading division of the University. It periodically holds mail order sales which offer listings from all the Australian University Presses.

The imprint 'Acton Press' is also used on some books, not of a scholarly nature, which are distributed by ANU Press.

#### **Arts Centre**

Centrally situated beside the J.B. Chifley Building of the University Library and across Union Court from the University Union and the Sports Union, the Arts Centre has been the venue for a growing range of arts activities since its opening festival in April 1979.

Construction of the Centre was made possible by a grant from the Australian Government, a generous donation by Australian

businessman, Mr Frank Duval, CBE, and with funds from the University's own resources and from its members, particularly the ANU Students' Association.

Students, staff and members of the Canberra community use the Centre for rehearsal and performance of music, drama and dance, as well as regular classes in ceramics, painting and drawing. The foyer provides space for small exhibitions, and studios are available for craft activities, yoga, and tai-chi. There is also a large scenery dock.

Although still incomplete in fittings and facilities, the Arts Centre is useable largely through financial contributions by students and staff, who are offered concessional rates for hiring.

### University residences

The University provides a variety of accommodation for students, academic visitors and staff members. Students seeking details of available accommodation—including private lodgings—should contact the Accommodation Officer or write to the Registrar.

The University operates and maintains five halls of residence. In addition, three affiliated residential colleges are operated on campus by religious organisations.

#### *University House*

University House provides accommodation for approximately 150 resident members and visitors to the University. Membership is open to members of the Council, members of staff who are graduates of a university, members of Convocation, students enrolled for postgraduate degrees and such other persons who are invited or selected by the Master and eight Fellows of the House, who jointly comprise its governing body.

All members are eligible to reside at

University House, subject to rooms being available and the approval of the Master. Preference is given to research students and to non-permanent members of the academic staff. Details of accommodation available and current tariffs may be obtained from University House.

The House has four common rooms, including a library, a record-playing room and a music practice room, and a variety of recreational facilities. Regular House dinners, concerts, and other functions are held in Hall. Restaurant service is provided in the Bistro and the Cellar Restaurant. Private dining rooms and meeting rooms are available for functions, and there are a bottle shop and buttery offering a large variety of wines and spirits, groceries, personal and household requirements.

#### *Graduate House*

A University hall of residence situated a short distance from the campus, Graduate House contains one hundred self-contained units for single men and women post-graduate students and eight self-contained flats for married students without children. Fees for 1979 were \$25.90 for a single unit and \$33.10 for a double unit. A common room, squash court and sauna bath are provided. Graduate House is managed by a governing body comprised mainly of resident students.

#### *Bruce Hall, Burton Hall and Garran Hall*

Situated on Daley Road at the western side of the campus, these three halls provide single study-bedroom accommodation. Bruce Hall accommodates approximately 235 members, Burton and Garran Halls each about 250. Each is in the charge of a warden and governing body and accommodates, in addition to students, a number of

teaching staff of the University. Meals are served in Bruce and Burton Halls. Garran Hall now operates on a self-catering basis and members prepare their own meals in self-contained kitchens. Fees for the residential year of 33 weeks in 1979 were Bruce Hall and Burton Hall \$1450 and Garran Hall \$660.

#### *Toad Hall*

Located between the University Union and Barry Drive, Toad Hall provides study-bedroom accommodation for 237 students. Meals are not served. Study-bedrooms have been clustered in groups of five or ten around common lounge, kitchen and bathroom areas. The fee for 1979 was \$17 a week.

#### *Affiliated residential colleges*

Three affiliated colleges — John XXIII College, conducted by the Dominican Fathers; Ursula College, conducted by the Ursuline Nuns; and Burgmann College, jointly sponsored by five Australian churches — are located in Daley Road. John XXIII College offers places for 300 students, Ursula College for 192 students and Burgmann College for 250 students. Residence fees for 1979 were \$1485 for John XXIII College, \$1450 for Ursula College, and \$1584 for Burgmann College for the academic year of 33 weeks. All three colleges provide single study-bedroom accommodation and internal tutorial services.

#### *Narellan House*

Situated approximately 15 minutes from the campus, adjacent to the main Canberra shopping area, Narellan House has places for 35 men and women and there are laundry, bathroom and kitchen facilities. The fee in 1979 was \$15 a week.

#### *Corin House/Lennox House 'A' Block*

Corin House has 28 rooms and is adjacent to Bruce Hall. Lennox House 'A' Block is situated opposite the University Staff Centre. Both these residences provide small study-bedrooms for men and women and have bathroom, laundry, kitchen and living room facilities. The fee in 1979 was \$12 a week.

#### *University housing*

The University maintains a stock of residential dwellings for allocation, under specific terms and according to approved eligibility criteria, to certain members of staff, accredited visitors, postgraduate research scholars and full-time undergraduate students on a group tenancy basis.

Most accommodation is in the form of furnished flats, units and houses. The dwellings have been acquired over many years and vary a lot in style and location. In general, they are located close to schools, shops and public transport and are situated within 10 to 20 minutes driving time from the University.

The University gives no undertaking to provide accommodation but it will, subject to available resources, give assistance to married academic and general staff appointed from outside Canberra, accredited married visitors, married postgraduate scholars who hold scholarships awarded or supplemented by the University, and a limited number of full-time undergraduate students.

The University also has a Scheme to assist certain members of staff to build or buy dwellings as residences for themselves and their families.

#### **University welfare services**

##### *Dean of Students*

The Dean of Students, who is a member

of the academic staff, is appointed by the Council. The Dean assists the Vice-Chancellor and the Assistant Vice-Chancellor in regard to the whole range of student welfare services on campus. He takes a particular interest in the University's health and counselling, student accommodation and schools liaison. The Dean also maintains liaison with the Chaplains appointed to the University and with student activities not controlled directly by the University. These include the University Union and student associations. The Dean is concerned generally with all matters connected with the welfare of the student body.

#### *University Health Service*

Any student, part-time or full-time, undergraduate or postgraduate, may seek advice on health matters without charge from the University Health Service, based in the Sports Recreation Centre. The service is staffed by one full-time and two part-time physicians, two nursing sisters and a part-time physiotherapist.

Clinical investigation and treatment of established illness is available at the health centre, but the main emphasis is on preventive medicine and health education. An outpatients clinic is held each week-day morning. The facilities of a fitness testing laboratory are also available, by appointment. An inoculation clinic is held weekly. Consultation, except in emergency, is by appointment. The Health Service is also available to staff in an emergency.

#### *University Counselling Centre*

The Counselling Centre consists of four units which offer a variety of services.

The Counselling Unit provides a confidential service for university members to discuss any social, personal, vocational or academic issue without fear of judgment or

criticism.

The Communication and Study Skills Unit provides individual small group tuition to students in reading, written communication, study skills and mathematical methods.

The Careers and Appointments Office provides counselling, information and advice on the career implications of courses, on graduate employment and on many other aspects of the relationship between university study and wider career aims. It also provides specific help with graduate job-seeking and with part-time casual and vacation employment.

The Part-time and Mature-age Studies Unit provides a variety of special services for part-time and mature students and prospective students including counselling and the provision of information about part-time and mature-age study.

#### *Chaplains in the University*

The Council has given leave to religious groups to appoint chaplains to the University, two of whom—one a Roman Catholic and the other an Ecumenical Chaplain responsible to the Chaplaincy Board of a consortium of other Christian denominations—work full-time at the University. Other clergy are available part-time on behalf of their denominations.

#### *Personal Adviser*

A part-time Personal Adviser provides a counselling service to members of the staff of the University on matters affecting their welfare.

#### *University Pre-School and Child-care Centre*

Located in the Lennox House building, the University Pre-School and Child-care Centre operates a service for children (up to

five years of age) of staff and students, from 8.15 am to 5.15 pm, Monday to Friday.

#### *The Vice-Chancellor's Discretionary Fund*

The Vice-Chancellor has at his disposal a Discretionary Fund from which he may make grants, or more usually loans, to applicant staff and students of the University who are suffering particular financial hardship. Inquiries may be made to the Vice-Chancellor or to senior administrative officers.

#### *Student Loan Funds*

The Australian National University Students' Association and the Australian National University Research Students' Association administer loan funds which are available to their members. Inquiries should be made through the offices of those associations.

#### *University Co-operative Credit Society Limited*

The University Co-operative Credit Society, located in Union Court, provides a wide range of financial services to its members and financial counselling by appointment.

### **University associations**

#### *University Union*

The chief community centre for the University, the Union provides a broad range of amenities for students and staff in its premises fronting Union Court. On its ground floor it maintains a large refectory and snack bar. Liquor may be obtained and consumed by members over eighteen years of age in the refectory during meal times. The Union shop is also situated on the ground floor. On the upper floor, the Union Building provides a meetings area, games room (with billiards, pool tables and amusement machines), bar,

bottle shop, societies' room, dark room, reading room and other facilities.

The Union operates under a constitution granted by Council and is governed by a Board of Management, membership of which includes representatives of the University Council, undergraduate students and the staff. Day-to-day management is the responsibility of the Secretary of the Union.

With the payment of the annual General Services Fee, undergraduate students are eligible for membership of the Union. Membership is also open to staff, postgraduate students and members of Council and Convocation. The annual fee for a postgraduate student or staff member varies according to several categories of membership. Life membership is available in certain circumstances. The Union offers concessional rates to members of the Australian National University Staff Centre, and has reciprocal membership with the Canberra College of Advanced Education and the University of New England.

#### *Sports Union*

Situated close to the University Union, the Sports Union is responsible for promoting and providing facilities for recreation and organised sports, and for the fostering of affiliated sports clubs in local and inter-university competition. Undergraduate and postgraduate students are eligible for membership through payment of the General Service Fee. Staff of the University and graduates of any university may apply for membership. Spouses of members may apply for associate membership. The governing body is the Sports Council which is elected annually by members.

In addition to areas for field sports the Sports Union maintains six squash courts for members' use, a sports recreation hall for a wide range of team and individual



sports, a weight and fitness training centre, and ten tennis courts (four of which are lit for night tennis). Also included in the Sports Union facilities are a rowing boathouse on Sullivan's Creek and a sailing and canoeing clubhouse at Yarralumla Bay, on the shores of Lake Burley Griffin.

The fee for 1980 is \$9.50 for associate members wishing to play one sport.

### *University Staff Centre*

Occupying one of Canberra's historic buildings, the University Staff Centre is located in attractive grounds at the southern end of the campus, overlooking Lake Burley Griffin. The Centre provides buffet and bar facilities and a bottle shop for members and guests. A children's playground, tennis court, games room and barbecue facilities are available. The Centre's services include functions, and rooms are available for hire. Annual membership fees for 1979 were: staff, ex-staff and Convocation, \$20; Mt Stromlo, \$10; spouses, \$6; invited members, \$25. Retired members of staff or convocation who have had five years or more continuous membership up to date of retirement are granted honorary membership status.

### *Students' associations*

There are two students' associations in the University—the Australian National University Research Students' Association and the Australian National University Students' Association. Through these Associations the views of students on matters affecting their welfare and the welfare of the University are made known to the academic and administrative staff.

All students enrolled in undergraduate courses are eligible to be members of the Australian National University Students' Association by payment of the General

### *Services Fee.*

The Association is controlled by general meetings of students. Its permanent officers are the President, Treasurer, Trustee, and AUS Secretary elected to take office on 1 December each year.

The Students' Association organises Orientation Week, Bush Week, student clubs and societies, and special activities. It also administers a student loan fund and cheap accommodation at Lennox House for students in need of financial assistance. It publishes the student newspaper *Woroni* and partly finances Radio Station 2XX.

All students enrolled for the degrees of master and Doctor of Philosophy, in the Legal Workshop course and for courses of research not leading to a degree, are eligible to be members of the Australian National University Research Students' Association through payment of the General Services Fee and are also eligible for membership of the Sports Union. They are also eligible to become members of clubs and societies affiliated with the Students' Association. The Research Students' Association acts for scholars in negotiation with the University on questions of accommodation, conditions of scholarship, and stipends. It is responsible also for scholars' interests in such matters as working conditions, availability of typing and other facilities, supervision and allowances. It conducts a variety of social functions but is chiefly concerned with student welfare.

### *Staff organisations*

Staff organisations including several associations or branches of associations within the University and a number of trade unions represent the interests of staff members in such matters as conditions of employment and welfare. A list of such organisations is available from the Staff office.

### **Special fellowships**

#### *Creative Arts Fellowships*

Fellowships in the Creative Arts have been established by the University to encourage creative work in the arts in Australia. The term 'arts' is interpreted widely to include fields such as ceramics, graphics, musical composition and performance, literature, sculpture and painting. There are two types of award, one for short periods usually given to artists of international repute. With the longer-term Fellowships, preference is given to those who are still establishing their reputations, but artists already established in their professions are not excluded.

### **Public lectures**

The University arranges a program of public lectures each year, including an annual series of University Lectures, and several public memorial lectures.

#### *University Lectures*

The annual series of University Lectures, introduced in 1968, are intended to develop a theme of wide interest in such a way as to cross disciplinary boundaries and encourage understanding between the natural and social sciences.

#### *John Curtin Memorial Lecture*

Administered by the Director of the Research School of Social Sciences, the John Curtin Memorial Lecture is delivered in the latter half of each year by an invited speaker. The initiation of the lecture was made possible by gifts from the late Dr John Dedman, a Cabinet colleague of the late wartime Prime Minister, and for many years a member of Council.

#### *Morrison Lecture*

The annual Morrison Lecture was founded by Chinese residents in Australia and others

to commemorate the work of George Ernest Morrison, a Geelong-born doctor who lived in China in the late 19th and early 20th centuries, and to stimulate interest in Australia in Chinese art, literature and culture. The lecture is administered by the Director of the Research School of Pacific Studies.

#### *Arthur F. Yencken Lectures*

The Yencken Lectures, administered by the Department of International Relations, are delivered every second year on diplomacy, foreign affairs or some related topic. The Lectures are endowed by the family of the late Arthur Yencken, one of the first Australians to enter the British diplomatic service.

#### *Stan Kelly Memorial Lecture*

The Stan Kelly Memorial Lecture, established in 1977, will probably be given each second year on the desirability of a freer flow of world trade. The lecture is endowed by Mr C.R. Kelly, former Federal MP for Wakefield, South Australia, as a memorial to his father, the late William Stanley Kelly, who was a member of the Commonwealth Tariff Board from 1929-40. It is administered by the Director of the Research School of Pacific Studies.

### **Information about the University**

A continuing information program, directed both to members of the University and the general public, is maintained by the University Information office, which is responsible to the Secretary. The activities of the office include production of most of the main publications on the University, arrangements for visitors, public lectures and Convocation functions, and media relations.

University Information is located in Balmain Crescent, opposite University House (telephone (062) 49 2229).

### *Publications on the University*

The Australian National University *Calendar* is intended as a general information booklet on the University, with descriptions of the work of the departments and a staff list. Copies may be obtained free on request to University Information.

The University furnishes an annual *Report* of its academic, financial and other transactions for the calendar year to the Governor-General. The report is tabled in Parliament, usually in the following August or September. Copies are available free on request to University Information.

Details of courses available in the Faculties are published in the *Faculty Handbook*, copies of which may be purchased from the Registrar or from the University Co-operative Bookshop. The Registrar also publishes annually an introductory booklet *Information for prospective students*, and a *Directory of services for students*.

Two other reference publications for use within the University are the *Administrative Guide*, which is intended for general information and guidance; and *University Legislation*, containing the University Acts, statutes and rules in a loose-leaf system.

In addition to these basic references, University Information produces *ANU Reporter* which is published on the second and fourth Friday of each month during the academic year: it contains in tabloid format news of University activities and developments, Council business, a diary of events and classified advertising. A new periodical, *Natuni*, containing articles on the University for Convocation and community interest, is to be introduced in 1980: it will probably be published twice a year.

### *Arrangements for visitors*

The University welcomes visitors to its landscaped grounds which occupy an area of

145 hectares near Canberra's Civic Centre.

A *Visitor's Guide* (with a site map and notes on the outdoor sculpture on campus) can be obtained at University Information in Balmain Crescent and at principal tourist information centres in Canberra. Given sufficient notice, conducted tours of the University for interested groups can be arranged through University Information.

The University's Mount Stromlo and Siding Spring Observatories have their headquarters at Mount Stromlo, 16 kilometres west of Canberra. The grounds of Mount Stromlo are open to visitors from 9.30 am to 4 pm daily and a gallery within the 1.9-metre telescope building contains photographic exhibits of the Observatories' work.

The grounds at Siding Spring, 27 kilometres from Coonabarabran, New South Wales, are open from 9.30 am to 4 pm daily and include 'Exploring the universe', a major and permanent exhibition on contemporary astronomy. The exhibition covers more than 200 square metres of floor space and has six visitor-operated working models. A small fee is charged for admission. Postcards, slides and booklets on the exhibition and the Observatories are on sale. The viewing gallery of the 3.9-metre Anglo-Australian Telescope nearby is open free to the public.

### *Media relations*

As a means of maintaining public awareness of the University's role, the University Information office facilitates access for the media to members of the University. The office answers inquiries from the media and circulates *ANU Reporter* and *Natuni* to the media.

### *Convocation relations*

Convocation — consisting of ANU graduates, present and former academic

staff, and others with a substantial association with the University — is another means by which the University seeks to increase its level of contact with the community. Organised functions, including luncheons with interesting speakers and lecture series on topical subjects, are held for Convocation members and their guests, both in Canberra and, periodically, elsewhere in Australia. Convocation members also receive the publication *Natuni* from the University.

**Schools liaison**

As part of its schools liaison program to ensure that effective information reaches prospective students, the University distributes widely a range of printed material on admission, courses, residence and other interests; it holds an annual Information Day on campus in July; it is developing extensive liaison with secondary teachers and advisers; and, from 1980, hopes to appoint a part-time adviser to prospective students who will be available to visit secondary schools beyond the Australian Capital Territory and nearby regions.

# Reference

## **Finance**

The University's expenditure in 1978 was \$79,027,000 for running expenses and \$221,000 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.

## **University naming policy**

Many of the University's buildings and other facilities are named as a tribute to persons associated with its inception and evolution. As a general rule however, site features and buildings are not named after persons still in active association with the University, or who might again become associated with it in the future.

In general, it is University naming policy that buildings be known by functional names. The use of non-functional names is considered in the cases of buildings serving the University generally, halls of residence, multi-purpose buildings housing a number of faculties or departments, buildings which need to be named because of risk of confusion, and buildings resulting from substantial benefactions.

## **University Fellowships**

Council has established the office of University Fellow as a means of honouring, after retirement, distinguished scholars engaged in major scholarly work which could be completed within the University in a reasonable

period. A small committee of Council considers nominations. Maximum tenure is three years and no more than three fellowships can be current at one time.

## **Roll of Emeritus Professors**

The Council from time to time honours professors who have left the University, in circumstances such that they are unlikely to take a fresh appointment to a chair, by placing their names on its Roll of Emeritus Professors. A list of Emeritus Professors appears later in this *Calendar*.

## **Works of art in the University**

Over a period of years the University has acquired the core of a substantial collection of art. Major works of contemporary Australian art include Leonard French's mural 'Seven Days', acquired through an anonymous donation, and his 'Regeneration', in the Hall of University House, commissioned with funds raised by contribution. Nine leading Australian companies contributed to the purchase of Sidney Nolan's nine-panel painting, 'River Bend'.

The University itself, and groups within it, have commissioned a number of works of sculpture and portraits of distinguished members of the University.

In 1971 Mrs K. Lyttleton-Taylor made available to the University a large and varied collection of furniture, paintings, silver, books, oriental pieces and other items which are widely displayed throughout the University.

### **University Co-operative Bookshop Ltd**

At the invitation of the University, the University Co-operative Bookshop Ltd established a bookshop on the campus in 1966. A University Bookshop Committee, comprising members drawn from the academic boards, students' associations and the University Union, consults with the management of the Bookshop on the needs of users.

The Bookshop, situated in Union Court, stocks books prescribed or recommended for reference or preliminary reading in connection with courses taught in the School of General Studies, together with a broad range of other books. It is willing to order books not in stock. Membership of the co-operative costs an initial (not recurrent) \$10, and entitles purchasers to an annual rebate which consists of a percentage of the amount spent on books.

### **Postal, banking and other facilities**

In addition to the Bookshop and the Credit Union office, a post office, branches of five banks, a pharmacy, and a branch of the Australian Union of Students' travel service, are located on the south side of Union Court, near the J.B. Chifley Building of the University Library.

### **Membership of inter-university bodies**

The University is a member of the Association of Commonwealth Universities, whose headquarters is at 36 Gordon Square, London WC1H 0PF. The Association will gladly answer inquiries about the University. Details of appointments and awards offered by the University are available from the Association.

The Australian National University is also a member of the International Association

of Universities, whose offices are at 19 Avenue Kleber, Paris 16.

The University has associated membership of the Association of South-East Asian Institutes of Higher Learning (ASAIHL) which was formed in 1956 to encourage co-operation within the South-East Asian region in matters of higher education. The offices of the Association are at Chulalongkorn University, Henri Dunant Road, Bangkok 5, Thailand.

The Vice-Chancellor is a member of the Australian Vice-Chancellors' Committee, which provides a means whereby universities can consult and act on matters of mutual concern, and which collects and disseminates information of mutual interest.

### **Scandinavian-Australian Cultural Funds**

In 1952, to mark Australia's Jubilee Year, the Danish, Norwegian and Swedish communities in Australia each raised funds for the encouragement of close and friendly scientific, educational and cultural relations between Scandinavia and Australia. The administration of the funds was vested in the Australian National University. The arrangements for grants are currently under review. Inquiries should be directed to the Registrar. The availability of funds is made known in Scandinavia for the benefit of persons intending to visit Australia.

**Former Chancellors**

Bruce of Melbourne, The Rt Hon.

Viscount\*

Cockcroft, Sir John Douglas\*

Florey, The Rt Hon. Lord\*

Coombs, Dr Herbert Cole

**Former Pro-Chancellors**

Coombs, Dr Herbert Cole

Eggleston, The Hon. Sir Richard Moulton

Mason, The Hon. Sir Anthony Frank, KBE

**Former Vice-Chancellors**

Copland, Sir Douglas Berry, KBE\*

Melville, Sir Leslie Galfreid, KBE

Huxley, Sir Leonard George Holden, KBE

Crawford, Sir John Grenfell, AC, CBE

Williams, Robert Martin, CBE

**Former Deputy Vice-Chancellors**

Trendall, Arthur Dale, AC, CMG, KCSG†

Ennor, Sir Hugh Arnold Hughes, CBE†\*

Crawford, Sir John Grenfell, AC, CBE†

Dunbar, David Noel Ferguson

**Former Deputy Chairmen of the Council**

Mills, Professor Reginald Charles\*

Coombs, Dr Herbert Cole

**Former University Fellows**

Hancock, Sir William Keith, KBE

Oliphant, Sir Mark Laurence Elwin, AC,

KBE

**Emeritus Professors**

Burton, Herbert, CBE

Hancock, Sir William Keith, KBE

Eccles, Sir John Carew

Oliphant, Sir Mark Laurence Elwin, AC,  
KBE

Ennor, Sir Hugh Arnold Hughes, CBE\*

Crawford, Sir John Grenfell, AC, CBE

FitzGerald, Charles Patrick

Hope, Alec Derwent, OBE

Newstead, Gordon Henry

\*Deceased

†Part-time appointment

Ogston, Alexander George

Stanner, William Edward Hanley, CMG

Phillips, Alban William Housego, MBE\*

Albert, Adrien

Catcheside, David Guthrie

Jaeger, John Conrad\*

Birt, Lindsay Michael

Pike, Douglas Henry\*

Hambly, Arthur Neville

Neumann, Bernhard Hermann

Ovington, John Derrick

Clark, Charles Manning Hope, AC

Mahler, Kurt

Partridge, Percy Herbert, AC

Sawer, Geoffrey

Milgate, Wesley

Pryor, Lindsay Dixon

Courtice, Frank Colin

La Nauze, John Andrew

Spate, Oskar Hermann Khristian

Broom, Leonard

Crisp, Leslie Finlay

Richardson, Jack Edwin

Dunbar, David Noel Ferguson

Martin, Raymond Leslie

de Bray, Reginald George Arthur

Street, Robert

Hales, Anton Linder

Borrie, Wilfred David, CBE

Gibb, Cecil Austin, OBE

Hayes, William

Parker, Robert Stewart, MBE

Robertson, Sir Rutherford Ness, CMG

Cameron, Burgess Don

Basham, Arthur Lewellyn

Fenner, Frank John, CMG, MBE

Passmore, John Arthur

Johnson, Basil Leonard Clyde

**Librarians Emeritus**

McDonald, Arthur Leopold Gladstone,

OBE

Graneek, Jacob Jack

**Former Library Fellow**

Hope, Alec Derwent, OBE

\*Deceased

**Honorary Graduates of the University**

- 1951 Garran, Sir Robert Randolph\*  
HonLLD
- 1952 Bruce of Melbourne, The Rt Hon.  
Viscount\* HonLLD  
Cockcroft, Sir John Douglas\*  
HonDSc
- 1957 Lindsay, Sir Daryl\* HonLLD  
Rivett, Sir Albert Cherbury David\*  
HonLLD  
Marston, Hedley Ralph\* HonDSc
- 1958 Florey, The Rt Hon. Lord\* HonDSc  
Gregg, Sir Norman McAlister\*  
HonDSc  
Macmillan, The Rt Hon. Harold  
HonLLD
- 1959 Bean, Charles Edwin Woodrow\*  
HonLLD  
Martin, Sir Leslie Harold HonDSc
- 1961 Pawsey, Joseph Lade\* HonDSc  
Peters, Sir Rudolph Albert HonDSc
- 1962 Hudson, Sir William\* HonLLD
- 1963 Ambartsumian, Victor Amazapovich  
HonDSc  
Cherry, Thomas Macfarland\*  
HonDSc  
Oort, Jan Hendrik HonDSc
- 1964 Dedman, The Hon. John Johnstone\*  
HonLLD  
Dixon, The Rt Hon. Sir Owen\*  
HonLLD
- 1966 Menzies, The Rt Hon. Sir Robert  
Gordon\* HonLLD
- 1967 Copland, Sir Douglas Berry\*  
HonLLD
- 1968 Hancock, Sir William Keith HonLittD  
Nolan, Sidney HonLLD  
Oliphant, Sir Mark Laurence Elwin  
HonDSc  
Ratcliffe, Francis Noble\* HonDSc  
Todd, The Rt Hon. Lord HonDSc
- 1969 Casey, The Rt Hon. Lord\* HonLLD  
Coombs, Herbert Cole HonLLD  
Firth, Raymond William HonLittD  
White, Sir Frederick William George  
HonDSc
- 1970 Bailey, Sir Harold HonLittD  
Bailey, Sir Kenneth\* HonLLD  
Trendall, Arthur Dale HonLittD
- 1972 Chiang Yee\* HonLittD  
Hope, Alec Derwent HonLittD  
Stanner, William Edward Hanley  
HonLittD
- 1973 Byles, Baldur Unwin\* HonLLD
- 1976 Fanning, Pauline HonMA  
Crawford, Sir John Grenfell HonLLD  
Beazley, Kim Edward HonLLD
- 1977 Calaby, John Henry HonDSc  
Wright, Roy Douglas HonLLD  
Grattan, Clinton Hartley HonLLD
- 1978 Waterhouse, Douglas Frew HonDSc  
Melville, Sir Leslie Galfreid HonLLD
- 1979 Somare, The Rt Hon. Michael  
Thomas HonLLD  
Wild, John Paul HonDSc  
Robertson, Sir Rutherford Ness  
HonDSc

\*Deceased

\*Deceased



**Enrolments**

## Total enrolments at the Australian National University

	Full-time	Part-time	Total students (net)
1976	4043	2059	6102
1977	3982	1911	5893

	1978			1979		
	Full-time	Part-time	Total	Full-time	Part-time	Total
Total enrolments (gross)	3728	2136	5864	3663	2350	6013
Adjustments for students in more than one category	1	12	13	2	10	12
Total number of students (net)	3727	2124	5851	3661	2340	6001

## Enrolments in the Institute of Advanced Studies

	Full-time	Part-time	Total students (net)
1976	377	13	390
1977	391	21	412

	1978			1979		
	Full-time	Part-time	Total	Full-time	Part-time	Total
Doctor of Philosophy	313	3	316	290	2	292
Degree of master	84	9	93	71	18	89
Master's qualifying	—	5	5	—	3	3
Non-degree postgraduate*	9	1	10	13	2	15
Total—Institute of Advanced Studies	406	18	424	374	25	399

## Enrolments in the University Centres

	Full-time	Part-time	Total students (net)
1976	11	2	13
1977	26	3	29

	1978			1979		
	Full-time	Part-time	Total	Full-time	Part-time	Total
Doctor of Philosophy	15	2	17	11	2	13
Degree of master	10	1	11	10	8	18
Master's qualifying	—	—	—	—	—	—
Non-degree postgraduate*	—	—	—	—	—	—
Total—University Centres	25	3	28	21	10	31

\*Postgraduate courses not leading to a degree

## Enrolments in the School of General Studies

	Full-time	Part-time	Total students (net)
1976	3661	2070	5731
1977	3572	1912	5484

	1978			1979		
	Full-time	Part-time	Total	Full-time	Part-time	Total
<b>Postgraduates</b>						
Doctor of Philosophy	176	23	199	182	19	201
Degree of master	97	137	234	101	105	206
Master's qualifying	29	76	105	37	66	103
Postgraduate diploma	—	—	—	2	26	28
Post bachelor degree	—	—	—	11	41	52
Legal workshop	28	—	28	27	—	27
Non-degree postgraduate*	5	10	15	7	10	17
<b>Total postgraduates</b>	<b>335</b>	<b>246</b>	<b>581</b>	<b>367</b>	<b>267</b>	<b>634</b>
<b>Undergraduates</b>						
<b>Degree of bachelor</b>						
—Arts	1054	825	1879	1016	952	1968
—Arts/Law	252	18	270	248	19	267
—Asian Studies	158	65	223	145	73	218
—Asian Studies/Law	17	1	18	17	—	17
—Economics	352	343	695	328	371	699
—Economics/Asian Studies	37	4	41	49	2	51
—Economics/Law	106	17	123	118	14	132
—Law	73	96	169	80	91	171
—Science	645	165	810	628	211	839
—Science (Forestry)	253	13	266	246	15	261
<b>Total bachelors</b>	<b>2947</b>	<b>1547</b>	<b>4494</b>	<b>2875</b>	<b>1748</b>	<b>4623</b>
<b>Non-degree undergraduate**</b>	<b>15</b>	<b>322</b>	<b>337</b>	<b>26</b>	<b>300</b>	<b>326</b>
<b>Total undergraduates</b>	<b>2962</b>	<b>1869</b>	<b>4831</b>	<b>2901</b>	<b>2048</b>	<b>4949</b>
<b>Total School of</b>						
<b>General Studies</b>	<b>3297</b>	<b>2115</b>	<b>5412</b>	<b>3268</b>	<b>2315</b>	<b>5583</b>

\* Postgraduate courses not leading to a degree

\*\*Single units—not towards a degree of bachelor

## Australian National University Act 1946\*

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

Be it enacted by the King'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 *Australian National University Act 1946*.\*

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

\*The *Australian National University Act 1946* as in force at 1 January 1980 comprises Act No. 22, 1946 as amended by the other Acts specified in the following table:

Act	Year and Number	Date of Assent	Date of Commencement
<i>Australian National University Act 1946</i>	1946, No. 22	1 August 1946	7 February 1947 <i>See Gazette</i> , 1947, p. 285
<i>Australian National University Act 1947</i>	1947, No. 21	10 June 1947	10 June 1947
<i>Australian National University Act (No. 2) 1947</i>	1947, No. 56	25 November 1947	23 December 1947
<i>Australian National University Act 1960</i>	1960, No. 3	8 April 1960	8 April 1960 (Parts I and III) 30 September 1960 (Part II)
<i>Australian National University Act 1963</i>	1963, No. 9	21 May 1963	18 June 1963
<i>Australian National University Act 1965</i>	1965, No. 108	18 December 1965	18 December 1965
<i>Australian National University Act 1967</i>	1967, No. 65	24 October 1967	24 October 1967
<i>Australian National University Act 1971</i>	1971, No. 1	2 March 1971	2 March 1971
<i>Australian National University Act 1973</i>	1973, No. 96	6 September 1973	6 September 1973
<i>Statute Law Revision Act 1973</i>	1973, No. 216	19 December 1973	31 December 1973
<i>Statute Law Revision Act 1974</i>	1974, No. 20	25 July 1974	31 December 1973
<i>Australian National University Act 1975</i>	1975, No. 94	2 September 1975	2 September 1975
<i>Administrative Changes (Consequential Provisions) Act 1978</i>	1978, No. 36	12 June 1978	12 June 1978
<i>Australian National University Amendment Act 1979</i>	1979, No. 190	6 December 1979	6 December 1979 (sections 1, 2, 4, 8, 9, 13, 14, 15(2), 21, 22(1), (2), (3)) 1 January 1980 (sections 16, 17, 18, 19, 20) Date (as at 1 January 1980) yet to be proclaimed (sections 3, 5, 6, 7, 10, 11, 12, 15(1), 22(4))

3.\* (1) In this Act, unless the contrary intention appears—  
 'professor' does not include an assistant professor or an associate professor;  
 'the Council' means the Council of the University;  
 'the Institute' means the Institute of Advanced Studies within the University;  
 'the School' means the School of General Studies within 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.

(2) A reference in this Act to the holder of an office in the University shall be read as including a reference to a person for the time being performing the duties of that office.

4.\* (1) A university, consisting of a Council and Convocation, and graduate and undergraduate members, shall be established at Canberra, in the Australian Capital Territory.

(2) The 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, whether on trust or otherwise, real and personal property (including property devised, bequeathed or given to the University);

- (ba) acting as trustee of moneys or other property vested in the University upon trust;
- (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.

(3) Notwithstanding anything contained in this Act, any money or other property held by the University upon trust shall be dealt with in accordance with the powers and duties of the University as trustee.

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.

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

- (a) to encourage, and provide facilities for, postgraduate 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.

6A. The powers of the University extend to the making of astronomical and meteorological observations in any part of the Commonwealth.

\*Sections 3 and 4 are to be amended by unproclaimed sections 3 and 4 of ANU Amendment Act 1979. Texts of the amendments are set out on reference page 71.

7.\* There shall be, within the University—

- (a) an Institute of Advanced Studies; and
- (b) a School of General Studies.

8. (1) The Institute shall comprise research schools in relation to medical science, the physical sciences, the social sciences, Pacific studies and such other fields of learning as the Council determines.

(2) Subject to sub-section (3), the names of the research schools and the fields of learning in relation to which they are established shall be as determined by the Council.

(3) The research schools shall include a research school in relation to medical science to be known as 'The John Curtin School of Medical Research'.

(4) The departments of a research school shall be such as are determined by the Council.

9.\* The faculties in the School shall be such as are determined by the Council.

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

11.\* (1) The Council shall consist of—

- (a) two Senators elected by the Senate;
- (b) two members of the House of Representatives elected by that House;
- (c) twelve persons 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;

(d) the following persons;

- (i) the Chancellor;
- (ii) the Pro-Chancellor;
- (iii) the Vice-Chancellor;
- (iv) the Deputy Vice-Chancellor;
- (v) the Deputy Chairman of the Board of the Institute; and
- (vi) the Deputy Chairman of the Board of the School;

(e) two of the heads of the research schools within the Institute chosen in the manner provided by the Statutes;

(f) two of the deans of faculties in the School chosen in the manner provided by the Statutes;

(g) one of the professors in the Institute elected by those professors;

(h) one of the professors in the School elected by those professors;

(i) two members of the academic staff of the Institute, not being professors, elected by the members of that staff other than the professors;

(j) two members of the academic staff of the School, not being professors, elected by the members of that staff other than the professors;

(ja) The President of the body known as 'The Australian National University Students' Association';

(jaa) two members of the non-academic staff of the University elected by the members of that staff;

(k) a student of the University elected from among their number by the students of the University enrolled for study for degrees other than degrees of bachelor or for courses of research;

\*Sections 7, 9 and 11 are to be amended by unproclaimed sections 5, 6 and 7 of ANU Amendment Act 1979. Texts of the amendments are set out on reference page 71.

- (l) two students of the University elected by the students of the University enrolled for study for degrees of bachelor and by such other students of the University (not being students referred to in paragraph (k), if any, as the Statutes provide;
- (m) four members of Convocation, not being members of the staff of the University, elected by Convocation by a system of proportional representation; and
- (n) such other persons, not exceeding two in number, as the Council appoints.

(2) A member of the Council referred to in paragraph (1)(a), (b) or (c) holds office, subject to this Act, for such period, not exceeding 3 years, as is fixed by the House of the Parliament by which he is elected or by the Governor-General, as the case may be, at the time of the election or appointment.

(3) The members of the Council other than those referred to in paragraphs (1)(a), (b), (c) and (d) shall, subject to this Act, hold office for such periods as the Statutes provide.

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

(5) In the event of a casual vacancy in the Council (including a vacancy arising from the appointment or election of a member to an office specified in paragraph (1)(d), a member shall be elected or appointed in accordance with whichever paragraph of sub-section (1) is appropriate, 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 holds office, subject to this Act, for the residue of his predecessor's term of office.

(6) For the purposes of paragraph (1) (jaa), the members of the non-academic staff of the University are the officers and employees of the University, other than —

- (a) the persons referred to in paragraph (1) (d); and
- (b) members of the academic staff of the Institute or of the School.

12. \* \* \* \* \*

13. No person who —

- (a) has not attained the age of 18 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,

shall be capable of being or continuing to be a member of the Council.

14. (1) If a member of the Council —

- (a) dies;
- (aa) becomes disqualified under paragraph 13(b), (c) or (d) from continuing to be a member of the Council;
- (b) declines to act;
- (c) resigns his seat;
- (d) is absent without leave of the Council from 6 consecutive meetings of the Council;
- (da) without reasonable excuse, fails to comply with his obligations under sub-section 15AA (1);
- (e) in the case of a member elected by either House of the Parlia-

ment — ceases to be a member of that House; or

- (f) not being a member referred to in paragraph (e) — ceases to have the qualification by virtue of which he was elected or chosen,

his seat shall become vacant and shall be filled as a casual vacancy in accordance with sub-section 11(5).

(2) For the purposes of paragraph (1)(e), a member of either House of the Parliament shall be deemed not to have ceased to be a member of that House while he continues to be entitled to the Parliamentary allowance that became payable to him as such a member.

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 provision of the Statutes or, if the Statutes do not make any such provision, the member elected by the members present from among their numbers, shall preside.

15AA. (1) A member of the Council who is directly or indirectly interested in a contract (not being a contract of service) made or proposed to be made by the University, otherwise than as a member of, and in common with the other members of, an incorporated company which consists of more than 25 persons and of which he is not a director, shall, as soon as possible after the relevant facts have come to his knowledge, disclose the nature of his interest at a meeting of the Council.

15A\* (1) There shall be a Board of the Institute, consisting of —

- (a) the Vice-Chancellor;  
(b) the Deputy Vice-Chancellor;

(c) the heads of the research schools within the Institute;

(d) the heads of all departments of the research schools within the Institute;

(e) \* \* \* \*

(f) three of the members of the Board of the School elected by the members of the Board of the School; and

(g) such other persons as the Council, on the advice of the Board itself, appoints, who shall hold office, subject to the Statutes, for such period as is fixed by the Council at the time of their appointment.

(2) Subject to section 15C, the Board of the Institute —

(a) is responsible under the Council for all academic matters relating to the Institute; and

(b) may advise the Council on any matter relating to education, learning or research or the academic work of the University.

(3) The Council shall from time to time appoint a member of the Board to be Deputy Chairman of the Board.

(4) Before making an appointment under the last preceding sub-section, the Council shall give to the Board of the Institute an opportunity of furnishing advice to the Council in relation to the appointment.

(5) At a meeting of the Board of the Institute at which the Vice-Chancellor is present, the Vice-Chancellor shall preside unless he requests the Deputy Chairman to preside, in which case the Deputy Chairman shall preside.

\* Section 15A is to be amended by unproclaimed section 10 of ANU Amendment Act 1979. Text of the amendment is set out on reference pages 71-2.

(6) At a meeting of the Board of the Institute at which the Vice-Chancellor is not present —

- (a) if the Deputy Chairman is present, he shall preside; and
- (b) if the Deputy Chairman is not present, the members present shall elect one of their number to preside.

15B.\* (1) There shall be a Board of the School of General Studies, consisting of —

- (a) The Vice-Chancellor;
- (b) \* \* \* \*
- (c) The Deputy Vice-Chancellor;
- (d) the professors of the School;
- (e) three of the members of the Board of the Institute elected by the members of that Board; and
- (f) such other persons as the Council, on the advice of the Board itself, appoints, who shall hold office, subject to the Statutes, for such period as is fixed by the Council at the time of their appointment.

(2) Subject to section 15C, the Board of the School —

- (a) is responsible under the Council for all academic matters relating to the School; and
- (b) may advise the Council on any matter relating to education, learning or research or the academic work of the University.

(3) The Council shall from time to time appoint a member of the Board of the School, being a person referred to in paragraph (d) of sub-section (1) of this section, to be Deputy Chairman of the Board of the School.

(4) Before making an appointment under the last preceding sub-section, the Council shall give to the Board of the School an opportunity of furnishing advice to the Council in relation to the appointment.

(5) At a meeting of the Board of the School at which the Vice-Chancellor is present, the Vice-Chancellor shall preside unless he requests the Deputy Chairman to preside, in which case the Deputy Chairman shall preside.

(6) At a meeting of the Board of the School at which the Vice-Chancellor is not present —

- (a) if the Deputy Chairman is present, he shall preside; and
- (b) if the Deputy Chairman is not present, the members present shall elect one of their number to preside.

15C. The Statutes may make provision for responsibility, under the Council, for matters relating to degrees or diplomas and to scholarships for study at the University for degrees or diplomas.

15D.\* (1) There shall be a Professorial Board of the University, consisting of —

- (a) the Vice-Chancellor, who shall be the Chairman of the Board;
- (b) all professors of the University; and
- (c) such other persons as are appointed in accordance with the Statutes.

(2) The Professorial Board may advise the Council on any matter relating to education, learning or research or the academic work of the University.

(3) The Vice-Chancellor may at any time convene a meeting of the Professorial Board, and shall convene such a meeting when so required by —

- (a) the Council;

\* Section 15B is to be amended by unproclaimed section 11 of ANU Amendment Act 1979. Text of the amendment is set out on reference pages 72-4.



- (b) the Board of the Institute;
- (c) the Board of the School; or
- (d) any six members of the Professorial Board.

16. (1) Convocation shall consist of —
- (a) all members and past members of the Council;
  - (b) all graduates of the University; and
  - (c) \* \* \* \*
  - (d) such graduates of other universities, or other persons, as are, in accordance with the Statutes, admitted as members of Convocation.

(2) The Council shall cause to be kept a roll of all members of Convocation.

(3) \* \* \* \*

(4) \* \* \* \*

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

17. (1) The Council shall, from time to time as occasion requires, elect one of its members or some other person 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 Council shall, from time to time as occasion requires, appoint one of its members or some other person to be the Vice-Chancellor of the University.

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

(3) The Vice-Chancellor shall be the executive officer of the University, and shall have such powers and perform such duties

as the Statutes prescribe or, subject to the Statutes, as the Council determines.

18A. The Council shall appoint or elect persons to the following offices in the University:

- (a) Pro-Chancellor;
- (b) Deputy Vice-Chancellor; and
- (c) Assistant Vice-Chancellor.

18B. (1) For the purposes of this section, each of the following offices in the University is a relevant office:

- (a) Vice-Chancellor;
- (b) Deputy Vice-Chancellor;
- (c) Assistant Vice-Chancellor.

(2) The Council may appoint a person to act in a relevant office —

- (a) during a vacancy in the office; or
- (b) during any period, or during all periods, when the holder of the office is absent from duty or from Australia or is, for any other reason, unable to perform the functions of the office,

but a person appointed so to act during a vacancy shall not continue so to act for more than 12 months.

(3) The appointment of a person to act in a relevant office may be expressed to have effect only in such circumstances as are specified in the instrument of appointment.

(4) The Council may terminate an appointment under this section at any time.

(5) Where a person is acting in a relevant office in accordance with paragraph (2) (b) and the office becomes vacant while the person is so acting, then, subject to sub-section (3), the person may continue so to act until the Council otherwise directs, the vacancy is filled or a period of 12 months from the date on which the vacancy occurs expires, whichever first happens.

(6) While a person is acting in a relevant office, he has and may exercise all the powers, and shall perform all the functions, of

\* Section 15D is to be amended by unproclaimed section 12 of ANU Amendment Act 1979. Text of the amendment is set out on reference page 74.

the holder of the office under this Act.

(7) Where the holder of a relevant office is acting in another relevant office in pursuance of an appointment under this section, the first-mentioned office shall, for the purposes of this section, be deemed to be vacant.

(8) The validity of anything done by a person purporting to act under sub-section (2) shall not be called in question on the ground that the occasion for his appointment had not arisen, that there is a defect or irregularity in or in connection with his appointment, that the appointment had ceased to have effect or that the occasion for him to act had not arisen or had ceased.

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.

(3) At any meeting of a Board established by this Act, a quorum shall be constituted as provided by the Statutes.

20. Nothing contained in this Act shall prevent any person from being immediately, or at any time, reappointed 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 act or proceedings of, or of the members of any Committee of, the Council, Convocation or any Board established by this Act, and no act done by a person acting as Chancellor or Vice-Chancellor, shall be invalidated by reason of —

- (a) a defect in the appointment, election, choosing or admission of any member of the Council, Convocation or any such Board;
- (b) a disqualification of any such member;

(c) a defect in the convening of any meeting; or

(d) a vacancy or vacancies in the number of members of the Council or of any such board.

22. \* \* \* \* \*

23. Subject to this Act and the Statutes, the Council may from time to time appoint deans, professors, lecturers, examiners 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, which shall consist of the Pro-Chancellor, the Vice-Chancellor and not more than ten other members appointed by the Council.

(1A) Where, on account of illness or otherwise, a member of the Standing Committee of the Council will be, or is likely to be, absent from a meeting or meetings of the Committee, the Vice-Chancellor may appoint another member of the Council as a temporary member of the Committee for the purpose of that meeting or those meetings, and the member so appointed may attend that meeting or those meetings in the absence of the member of the Committee and, when so attending, shall be deemed to be a member of the Committee.

(2) The Pro-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) Seven 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 a committee consisting of members of the Council, with or without other persons, 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 21 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 than can reasonably be obtained without fine.

26A. (1) Any contract that, if made between private persons, would be by law required to be in writing under seal may, subject to section 5, be made on behalf of the University in writing under the common seal of the University.

(2) Any contract to which sub-section (1) does not apply may be made on behalf of the University by any person acting with the authority of the Council, expressed or implied, and, where such a contract is made

in writing, it may be executed on behalf of the University by that person.

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 any election (other than the election of a Senator or Member of the House of Representatives as a member of the Council) provided for by this Act and the determination of questions arising in relation to the conduct or result of any such election;
- (ca) the persons who are to be regarded, for the purposes of section eleven of this Act, as members of the academic staff of the Institute and of the academic staff of the School, respectively;
- (d) the manner and time of convening, holding and adjourning the meetings of the Council and Convocation and of any board established by this Act; 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 of any board established by

\* Section 27 is to be amended by unproclaimed sub-section 15 (1) of ANU Amendment Act 1979. Text of the amendment is set out on reference page 74.

- this Act; and the quorum, powers and duties of such committees;
- (e) the resignation of members of the Council or of any Board established by this Act and of the Chancellor or Vice-Chancellor;
- (f) the tenure of office, stipend and powers and duties of the Vice-Chancellor;
- (fa) the functions, powers and duties of the Pro-Chancellor, the Deputy Vice-Chancellor and the Assistant Vice-Chancellor, including the exercise, in specified circumstances, of the powers and functions of the Vice-Chancellor by the Deputy Vice-Chancellor;
- (fb) the tenure of the holder of any office or place established by or under this Act in respect of which this Act does not specify a term of office or provide for the fixing of the term of office otherwise than by the Statutes;
- (fc) the terms and conditions of appointment, including remuneration and allowances, of a person appointed under section 18B to act in an office specified in subsection (1) of that section;
- (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, admission and enrolment 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 payment to the University of —
- (i) fees the payment of which is voluntary, including, but without limiting the generality of the foregoing, such fees payable in respect of an organisation of students, or of students and other persons;
- (ii) fees payable in respect of the provision to students of amenities or services that are not of an academic nature;
- (iii) \* \* \* \*
- (iv) fees in respect of residential accommodation; or
- (v) fees payable in connection with, or in connection with attendance for the purposes of, studies that are not included in the studies that are required or permitted to be undertaken for the purpose of obtaining a degree or diploma;
- (p) the establishment, management and control of libraries,

laboratories and museums in connection 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 where-soever 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 authorised 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 statute) for regulating, or providing for the regulations 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.

(3) Notwithstanding sub-section (2), by-laws, rules or orders shall not be made —

- (a) for regulating, or providing for the regulation of, a matter referred to in sub-section 27A (2); or
- (b) for carrying out or giving effect to a Statute dealing with such a matter, except to the extent that they are by-laws, rules or

orders with respect to the discipline of the University and provide for the enforcement of such a Statute.

27A. (1) In this section —

'land occupied by the University' means land occupied by the University in the Australian Capital Territory;

'parking', in relation to a vehicle, means causing or permitting the vehicle to remain stationary while not under the control of the driver, and 'parked' has a corresponding meaning;

'vehicle' includes an object that was designed or adapted for use as a vehicle but is incapable of being so used by reason that —

- (a) a part has, or parts have, been removed from it; or
- (b) it is in a wrecked or damaged condition.

(2) The Statutes may make provision —

- (a) for or in relation to the regulation of traffic, or of the parking of vehicles, on land occupied by the University, including provision authorising, and providing for the effect of, signs, traffic lights and markings;
- (b) for or in relation to the regulation of access by vehicles to land occupied by the University;
- (c) for the imposition and collection of charges for the parking or stopping of vehicles on land occupied by the University and for the erection, management and protection of parking meters for the purpose of those charges;
- (d) authorising the removal of vehicles from places where they have been parked or stopped in contravention of a Statute;
- (e) to the effect that, where a con-

travention of a provision of a Statute relating to the parking or stopping of vehicles occurs in respect of a motor vehicle, the person who is to be regarded as the owner of the motor vehicle for the purposes of the Statute (who may, in accordance with the Statute, be or include the person in whose name the motor vehicle is registered under the law of a State or of a Territory) is to be, except as provided otherwise, deemed to have committed an offence against the provision so contravened whether or not he in fact contravened that provision;

(f) enabling a person who is alleged to have contravened a provision of a Statute relating to the parking or stopping of vehicles to pay to the University a specified penalty, not exceeding \$5, as an alternative to undergoing prosecution;

(g) for the punishment, on summary conviction, by a fine not exceeding \$100, of offences against a Statute dealing with a matter referred to in this sub-section;

(h) relating to the powers to be exercised by persons appointed by the Council for the purposes of carrying out or giving effect to Statutes dealing with matters referred to in this sub-section; and

(i) for matters ancillary or incidental to matters referred to in this sub-section.

(3) Where a Statute contains a provision dealing with a matter referred to in sub-section (2), that provision does not have any force or effect to the extent to which it

is inconsistent with a law of the Australian Capital Territory, but a provision of a Statute shall not be taken for the purposes of this sub-section to be inconsistent with a law if it can be complied with without contravention of that law.

(4) A Statute may make provision for or in relation to a matter referred to in sub-section (2) by applying, adopting or incorporating, with or without modification, a provision of a law for the time being in force in the Australian Capital Territory relating to motor vehicles or motor traffic.

(5) Where a Statute makes provision for or in relation to the regulation of access by vehicles to land that would, but for that provision, be a public street or a public place within the meaning of a law in force in the Australian Capital Territory, that land does not cease to be a public street or a public place, as the case may be, within the meaning of that law by reason only of that provision.

(6) A Statute dealing with a matter referred to in sub-section (2) applies, except to such an extent (if any) as that Statute or another Statute provides otherwise, to any person whether or not that person has any connection with the University.

(7) In any proceedings for a contravention of a Statute dealing with a matter referred to in sub-section (2) —

(a) evidence that —

(i) a sign, signal, flag, notice, beacon or other device was erected, placed or displayed on, near or above land occupied by the University;

(ii) a line, symbol, sign or other device was marked on the carriageway or kerb of a road or on any part of a parking area or loading

area, being a road or area on land occupied by the University; or

- (iii) an island or dome was erected on a road on land occupied by the University or at a junction or intersection of two or more such roads,

is *prima facie* evidence that it was so erected, placed, displayed or marked, as the case may be, in accordance with a Statute; and

- (b) an averment of the prosecutor contained in the information or complaint and stating that specified land was land occupied by the University shall, in the absence of proof to the contrary, be deemed to be proved.

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 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 15 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) that the statute shall be notified in the *Gazette*.

29. Fees are not payable to the University except as provided by Statutes made under paragraph 27 (1) (o).

29A. (1) In this section, unless the contrary intention appears —

'approved auditor' means the Auditor-General or an auditor approved by the Council;

'fees' means fees paid to the University in respect of the provision to students of amenities or services that are not of an academic nature;

'organization of students' means a body or organization of students, or of students and other persons.

(2) Where moneys are paid to the University by way of fees, the Council shall not make those moneys, or any part of those moneys, available to an organization of students for expenditure by the organization unless the Council is satisfied that the governing body of the organization is representative of the members of the organization.

(3) Where the Council makes moneys paid to the University by way of fees available to an organization of students, for expenditure by the organization, it is the duty of the organization to apply the moneys, and it is the duty of the Council to take all reasonable steps to ensure that the moneys are applied by the organization, only in respect of the provision, for students liable to pay those fees, whether members of the organization or not, of amenities or services that are not of an academic nature and are —

- (a) declared by the Statutes to be, in respect of that organization, amenities or services to which

this section applies; or

- (b) included in a class of amenities or services declared by the Statutes to be, in respect of that organization, a class of amenities or services to which this section applies.

(4) The Council shall not make a Statute declaring amenities or services to be, in respect of an organization of students, amenities or services to which this section applies, or declaring a class of amenities or services to be, in respect of such an organization, a class of amenities or services to which this section applies —

- (a) unless the Council is of the opinion that provision of those amenities or services, or of amenities or services included in that class of amenities or services, as the case may be, to students, by or on behalf of the organization, will directly benefit the University; or

(b) if, by reason that —

- (i) those amenities or services were amenities or services to which this section applied in respect of the organization; or
- (ii) that class of amenities or services was a class of amenities or services to which this section applied in respect of the organization,

as the case may be, any moneys that have been paid to the University by way of fees and made available by the Council to the organization for expenditure by the organization could be duly expended by the organization by way of payment to a national body or organization represent-

ing, or claiming to represent, students at tertiary education institutions other than such a national body or organization as is, in the opinion of the Council, formed primarily and principally with the object —

- (iii) of encouraging sporting or other recreational activities among students or students and other persons;
- (iv) of promoting the interests of students, or students and other persons, in some particular educational, social or cultural field; or
- (v) of promoting the interests of post-graduate students, or a class of post-graduate students, at tertiary education institutions.

(5) Where the Council is not permitted by this section to make moneys paid to the University by way of fees available to an organization of students for expenditure by the organization, the Council may, whether or not the fees were paid to the University on account of, or for the purposes of, the organization, expend those moneys in such manner as the Council deems fit, being a manner in which the moneys could, under this section, have been expended by the organization if the moneys had been made available to the organization.

(6) As soon as practicable after 31 December 1980 and after each subsequent 31 December, the Council shall cause to be prepared detailed financial statements, in respect of the year ended on that date, with respect to moneys received by the University by way of fees, and shall cause those statements to be audited by an approved auditor.



(7) The financial statements prepared in pursuance of sub-section (6) in respect of a year shall include particulars of —

- (a) the moneys received by the University by way of fees during that year;
- (b) the amounts (if any) of the moneys so received that were made available during that year to an organization of students, for expenditure by the organization; and
- (c) the manner in which any of the moneys so received, and any of the moneys unexpended at the commencement of that year out of moneys so received during a preceding year, were expended during that year by an organization of students or by the Council.

(8) Sub-section (6) does not require that each of the financial statements prepared in relation to a year be audited by the same auditor.

(9) As soon as practicable after the detailed financial statements prepared for the purposes of sub-section (6) in respect of a year have been audited, the Council shall cause copies of the statements, and of the reports of the auditor or auditors with respect to the statements, to be made freely available to students.

(10) Notwithstanding sub-sections (3) and (5), moneys paid to the University by way of fees may be applied by the Council or by an organization of students in or towards payment of any fees or other charges payable to an approved auditor in respect of an audit of financial statements prepared in pursuance of sub-section (6).

30. (1) There is payable to the University in each financial year the sum of \$650,000.

(2) The amounts payable to the University under sub-section (1) shall be paid out of the Consolidated Revenue Fund which, to the necessary extent, is hereby appropriated accordingly.

(3) In addition to the amounts payable to the University under sub-section (1), there are payable to the University such moneys as are from time to time appropriated by the Parliament for the purposes of the University.

(4) Moneys referred to in sub-sections (1) and (3) shall be paid to the University in such amounts, and at such times, as the Minister determines in accordance with arrangements approved by the Minister for Finance.

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.

31A. (1) The University may open and maintain an account or accounts with an approved bank or approved banks and shall maintain at all times at least 1 such account.

(2) The University shall pay all moneys of the University into an account referred to in this section.

(3) In this section, 'approved bank' means the Commonwealth Trading Bank of Australia, the Commonwealth Savings Bank of Australia or another bank approved by the Treasurer.

31B. The Council shall cause to be kept proper accounts and records of the transactions and affairs of the University and shall do all things necessary to ensure that all payments out of the moneys of the University are correctly made and properly authorized and that adequate control is maintained over the assets of, or in the custody of, the University and over the incurring of liabilities by the University.

31C. (1) The Auditor-General shall inspect and audit the accounts and records of financial transactions of the University and records relating to assets of, or in the custody of, the University and shall forthwith draw the attention of the Council, and may draw the attention of the Minister, to any irregularity disclosed by the inspection and audit that is, in the opinion of the Auditor-General, of sufficient importance to justify his so doing.

(2) The Auditor-General may, at his discretion, dispense with all or any part of the detailed inspection and audit of any accounts or records referred to in sub-section (1).

(3) The Auditor-General shall, at least once in each year, report to the Council and to the Minister the results of the inspection and audit carried out under sub-section (1).

(4) The Auditor-General or a person authorized by him is entitled at all reasonable times to full and free access to all accounts, records, documents and papers of the University relating directly or indirectly to the receipt or payment of moneys by the University or to the acquisition, receipt, custody or disposal of assets by the University.

(5) The Auditor-General or a person authorized by him may make copies of, or take extracts from, any such accounts, records, documents or papers.

(6) The Auditor-General or a person authorized by him may require any person to furnish him with such information in the possession of the person or to which the person has access as the Auditor-General or authorized person considers necessary for the purposes of the functions of the Auditor-General under this Act, and the person shall comply with the requirements.

(7) A person who contravenes sub-section (6) is guilty of an offence punish-

able, upon conviction, by a fine not exceeding \$200.

31D. (1) Subject to sub-section (2), the University is not subject to taxation under the laws of the Commonwealth or of a State or Territory.

(2) The Governor-General may make regulations providing that sub-section (1) does not apply in relation to taxation under a specified law.

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.

32A. (1) Admission of a person to, or enrolment of a person at, the University as a student shall not be refused on the ground that he has refused or failed to make application to become a member of an organization of students, or of students and other persons.

(2) The enrolment of a student at the University shall not be terminated or suspended on the ground that he has refused or failed to become, or has ceased to be, a member of an organization of students, or of students and other persons.

(3) No discrimination based on refusal or failure to become a member of, or termination of membership of, an organization of students, or of students and other persons, shall be applicable in respect of —

- (a) admission to, or continuation in, any course of study or instruction at the University;
- (b) the conferring of a degree, diploma or certificate of the University; or
- (c) the enjoyment of any benefit, advantage or privilege in relation to the University.

(4) The reference in sub-section (3) to a

benefit, advantage or privilege in relation to the University shall be read as not including a benefit, advantage or privilege available, under the constitution of an organization of students, or of students and other persons, only to persons who are members of that organization.

33. (1) The Council shall, as soon as practicable after each 31 December, prepare and transmit to the Governor-General a report of the operations of the University during the year ended on that date, together with financial statements in respect of that year in such form as the Minister for Finance approves.

(2) Before transmitting financial statements to the Governor-General, the Council shall submit them to the Auditor-General, who shall report to the Governor-General and to the Council —

- (a) whether, in his opinion, the statements are based on proper accounts and records;
- (b) whether the statements are in agreement with the accounts and records;
- (c) whether, in his opinion, the receipt, expenditure and investment of moneys, and the acquisition and disposal of assets, by the University during the year have been in accordance with this Act; and
- (d) as to such other matters arising out of the statements as the Auditor-General considers should be reported to the Governor-General.

(3) The Council shall cause a copy of the report and financial statements of the University, together with a copy of the report of the Auditor-General, to be laid before each House of the Parliament within 15 sitting

days of that House after their transmission to the Governor-General.

34. (1) Where a person employed by the University at the commencement of this section was, immediately before his employment by the University, an officer of the Australian Public Service employed in the performance of duties in connection with the training of professional foresters by the Forestry and Timber Bureau, he retains, and shall be deemed to have retained, his existing and accruing rights.

(2) For the purpose of determining the rights so retained by a person, his service as a person employed by the University shall be taken into account as if it were service in the Australian Public Service.

(3) The *Officers' Rights Declaration Act 1928* applies and shall be deemed to have applied, in relation to a person to whom sub-section (1) applies as if the University were a Commonwealth authority within the meaning of that Act and, for the purposes of the application of that Act in relation to him, the right of election referred to in sub-section 5 (1) of that Act may be exercised by him within 3 months after the commencement of this section.

**Australian National University Amendment Act 1979. Texts of provisions amending the ANU Act 1946 but not in operation on 1 January 1980.**

3. Section 3 of the Principal Act is amended —

(a) by inserting after the definition of 'the Council' in sub-section (1) the following definition:

' "The Faculties" means the group of faculties and other bodies referred to in paragraph 7 (b);'; and

(b) by omitting from sub-section (1) the definition of 'the School'.

4. Section 4 of the Principal Act is amended —

(a) by inserting in paragraph (b) of sub-section (2) ', whether on trust or otherwise,' after 'holding';

(b) by inserting after paragraph (b) of sub-section (2) the following paragraph:

'(ba) acting as trustee of moneys or other property vested in the University upon trust;'; and

(c) by adding at the end thereof the following sub-section:

'(3) Notwithstanding anything contained in this Act, any moneys or other property held by the University upon trust shall be dealt with in accordance with the powers and duties of the University as trustee.'

5. Section 7 of the Principal Act is amended by omitting paragraph (b) and substituting the following paragraph:

'(b) a group of faculties and other bodies, as determined by the Council, to be known as The Faculties.'

6. Section 9 of the Principal Act is repealed.

7. Section 11 of the Principal Act is amended —

(a) by omitting sub-paragraphs (v) and (vi) of paragraph (d) of sub-section (1) and substituting the following sub-paragraphs:

'(v) the Chairman of the Board of the Institute; and

(vi) the Chairman of the Board of The Faculties;';

(b) by omitting from paragraph (f) of sub-section (1) 'Deans of the Faculties in the School' and substituting 'deans of faculties within The Faculties'; and

(c) by omitting from paragraphs (h) and (j) of sub-section (1), and paragraph (b) of sub-section (6), 'the School' and substituting 'The Faculties'.

10. Section 15A of the Principal Act is amended —

(a) by omitting sub-section (1) and substituting the following sub-section:

'(1) There shall be a Board of the Institute (in this section referred to as 'the Board'), consisting of —

(a) the Vice-Chancellor;

(b) the Deputy Vice-Chancellor;

(c) a Chairman appointed in accordance with sub-section (3);

(d) the head of each research

- school within the Institute;
- (e) such other members of the academic staff of the Institute as are specified in, or chosen in the manner provided by, the Statutes;
  - (f) the Chairman of the Board of The Faculties;
  - (g) one other member of the Board of The Faculties chosen in the manner provided by the Statutes; and
  - (h) such other persons (if any) as the Council, acting on the advice of the Board itself, by resolution, appoints.;
- (b) by omitting from sub-section (2) 'of the Institute'; and
- (c) by omitting sub-sections (3), (4), (5) and (6) and substituting the following sub-sections:

'(3) The Council shall from time to time, by resolution, appoint a professor in the Institute to be the Chairman of the Board for such period as is specified in the resolution.

(4) Before making an appointment under sub-section (3), the Council shall give to the Board an opportunity of tendering advice to the Council in relation to the appointment.

(5) A member of the Board referred to in paragraph (1) (e) or (g) shall hold office, subject to this Act and to the Statutes, for such period as is specified in the Statutes.

(6) A member of the Board referred to in paragraph (1) (h) shall hold office, subject to this Act and to the Statutes, for such

period as is specified in the resolution appointing him as such a member.

(7) If a person holding office as a member referred to in one of the paragraphs of sub-section (1) becomes, before he otherwise ceases to hold that office, a member referred to in another of those paragraphs, he shall, upon becoming such a member, cease to hold that first-mentioned office.

(8) Where a person becomes a member of the Board by reason of the filling of a casual vacancy in the office of a member referred to in paragraph (1)(e) or (g) (including a casual vacancy occurring by virtue of the operation of sub-section (7)), that person holds office, subject to this Act and to the Statutes, for the residue of his predecessor's term of office.

(9) Subject to sub-section (10), the Chairman shall preside at all meetings of the Board at which he is present.

(10) Where, at a meeting of the Board, the Chairman is not present or declines to preside, the members present shall elect one of their number to preside at the meeting.;

11. Section 15B of the Principal Act is amended —

- (a) by omitting sub-section (1) and substituting the following sub-section:

'(1) There shall be a Board of The Faculties (in this section referred to as 'the Board'), consisting of—

- (a) the Vice-Chancellor;
  - (b) the Deputy Vice-Chancellor;
  - (c) a Chairman appointed in accordance with sub-section (3);
  - (d) the dean of each faculty within The Faculties;
  - (e) such other members of the academic staff of The Faculties as are specified in, or chosen in the manner provided by, the Statutes;
  - (f) the Chairman of the Board of the Institute;
  - (g) a member of the academic staff of the Institute chosen by the Board of the Institute;
  - (h) the person for the time being holding the office in the University known as "Dean of Students";
  - (j) the President of the body known as "The Australian National University Students' Association";
  - (k) such students of the University of a class specified in the Statutes as are elected, in the manner provided by the Statutes, by students of that class; and
  - (m) such other persons (if any) as the Council, acting on the advice of the Board itself, by resolution, appoints.;
- (b) by omitting from sub-section (2) 'of the School';
  - (c) by omitting from paragraph (a) of sub-section (2) 'the School' and substituting 'The Faculties'; and
  - (d) by omitting sub-sections (3), (4),

(5) and (6) and substituting the following sub-sections:

'(3) The Council shall from time to time, by resolution, appoint a professor in The Faculties to be the Chairman of the Board for such period as is specified in the resolution.

(4) Before making an appointment under sub-section (3), the Council shall give to the Board an opportunity of tendering advice to the Council in relation to the appointment.

(5) A member of the Board referred to in paragraph (1) (e), (g) or (k), shall hold office, subject to this Act and to the Statutes, for such period as is specified in the Statutes.

(6) A member of the Board referred to in paragraph (1) (m) shall hold office, subject to this Act and to the Statutes, for such period as is specified in the resolution appointing him as such a member.

(7) If a person holding office as a member referred to in one of the paragraphs of sub-section (1) becomes, before he otherwise ceases to hold that office, a member referred to in another of those paragraphs, he shall, upon becoming such a member, cease to hold that first-mentioned office.

(8) Where a person becomes a member of the Board by reason of the filling of a casual vacancy in the office of a member referred to in paragraph (1) (e), (g) or (k) (including a casual vacancy occurring by virtue of the

operation of sub-section (7)), that person holds office, subject to this Act and to the Statutes, for the residue of his predecessor's term of office.

(9) Subject to sub-section (10), the Chairman shall preside at all meetings of the Board at which he is present.

(10) Where, at a meeting of the Board, the Chairman is not present or declines to preside, the members present shall elect one of their number to preside at the meeting.

12. Section 15D of the Principal Act is amended by omitting from paragraph (c) of sub-section (3) 'the School' and substituting 'The Faculties'.

15. (1) Section 27 of the Principal Act is amended —

(a) by omitting from paragraph (ca) of sub-section (1) 'section eleven of this Act' and substituting 'sections 11, 15A and 15B'; and

(b) by omitting from that paragraph 'the School' and substituting 'The Faculties'.

# Staff List

## University Fellows

Emeritus Professor F.J. Fenner, CMG, MBE, MD *Adel.*, DTM *Syd.*, HonMD *Monash*, FRACP, FRCP, FAA, FRS  
Emeritus Professor J.A. Passmore, MA *Syd.*, FAHA, FASSA, CorrFellBA

## *The Institute of Advanced Studies*

This list sets out the membership of the staff as at 31 December 1979, but also includes prospective members whose dates of appointment fell shortly thereafter. It has also been possible to include some later changes in senior staff and omit staff whose resignation became effective prior to the date of publication.

*Deputy Chairman of the Board of the Institute of Advanced Studies*  
Professor H.W. Arndt, MA BLitt *Oxf.*, FASSA

### **The Research School of Biological Sciences**

#### *Director*

Professor B. John, MSc PhD *Wales*, DSc *Birm.*, FIBiol

#### *School Visiting Fellow*

I.J. Ryrie, BSc PhD *Syd.*

### **Behavioural Biology**

#### *Professor*

R.F. Mark, MMedSc MB ChB *NZ*, CES Dr3rdCy *Aix-Marseille*, FAA

#### *Fellow*

I.G. Morgan, BSc *Melb.*, PhD *Monash*

#### *Senior Research Fellow*

F.-H. Güldner, Dr med *FUBerlin*

#### *Research Fellows*

J.W. Hambley, BSc *Adel.*

P. Wilson, BSc *Durh.*, PhD *Ncle (UK)*

G. A. Bell, MA *Natal*, PhD *LaT*

J.M. Wild, MA *Cant.*, PhD *Auck.*

#### *Postdoctoral Fellow*

C.J. Denton, BSc *Hull*, PhD *Open*

#### *Visiting Fellow*

S.F. Goldner, BSc *Syd.*, MSc *Monash*

### **Developmental Biology**

#### *Professor and Head of Department*

D.J. Carr, BSc PhD *Manc.*, HonMSc *Melb.*, FIBiol

#### *Professor*

B. E. S. Gunning, MSc PhD *Belf.*, DSc, FAA

#### *Senior Fellow*

D. S. Letham, MSc *NZ*, PhD *Birm.*

#### *Senior Research Fellow*

R.S.-T. Yu, MSc *Monash*, PhD

#### *Research Fellow*

B. Entsch, BSc *Qld*, PhD *Syd.*

#### *Postdoctoral Fellows*

J.J.-c. Chin, BSc *Sing.*, PhD *Qld*

R.W. Seagull, MSc *Windsor*, PhD *York (Can.)*

S.M. Wick, BS *Oregon State*, PhD *Stan.*

G.A. Drake, BSc *Liv.*, PhD

#### *Visiting Fellows*

S.G.M. Carr, MSc *Melb.*

B.J. Bowen, BSc *Adel.*

### **Environmental Biology**

#### *Professor*

C.B. Osmond, MSc *NE*, PhD *Adel.*, FAA

#### *Professorial Fellow*

I.R. Cowan, MSc *Lond.*, PhD *Nott.*, FIP

#### *Research Fellows*

I.R. Noble, BSc PhD *Adel.*

G.D. Farquhar, BSc *Qld*, BSc PhD

#### *Postdoctoral Fellows*

C. Critchley, DiplBiol *Cologne*, Dr rer nat *Düsseldorf*

D.G. Green, MSc *Monash*, PhD *Dal.*

S.-C. Wong, MSc *Nan.*, PhD

#### *Queen Elizabeth Fellows*

H.N. Comins, BSc PhD *Syd.*

M.R. Badger, BScAgr *Syd.*, PhD

### **Genetics**

#### *Professor*

J.A. Pateman, BSc PhD *Lond.*, MA *Camb.*, FRS

#### *Senior Fellows*

C.H. Doy, BSc *Wales*, PhD *Melb.*, FRACI, FRIC

G.D. Clark-Walker, MSc *WAust.*, DPhil *Oxf.*

E.H. Creaser, MA PhD *Camb.*

#### *Fellow*

B.G. Rolfe, BAgrSc PhD *Melb.*

#### *Research Fellows*

K.L. Williams, BAgrSc *Melb.*, PhD

A.R. Gould, BSc *Sus.*, PhD *Leic.*



**Postdoctoral Fellow**

K. S. Sriprakash, BPharm *And.*,  
MPharm *Ban.*, PhD *IISc*

**Visiting Fellows**

J. Langridge, MSc *Auck.*, PhD  
*Adel.*  
E. Smith, BSc *Aberd.*, PhD  
D. L. Welker, BA *Shippensburg*  
*State Coll.*, MS PhD *Penn. State*

**Neurobiology****Professor**

G. A. Horridge, MA PhD ScD  
*Camb.*, FAA, FRS

**Senior Fellows**

D. C. Sandeman, MSc *Natal*, PhD  
*StAnd.*  
J. N. Israelachvili, MA PhD *Camb.*,  
(see also Appl. Maths RSPHYS)

**Fellows**

E. E. Ball, AB *Stan.*, PhD *Calif.*  
(*Santa Barbara*)  
S. B. Laughlin, BA *Camb.*, PhD

**Senior Research Fellows**

S. R. Shaw, BSc *Lond.*, PhD  
*AdAnd.*  
A. D. Blest, BSc *Lond.*, DPhil *Oxf.*

**Research Fellows**

M. V. Srinivasan, ME *Blore*, PhD  
*Yale* (see also Appl. Maths  
RSPHYS)

K. G. Hill, BSc PhD *Melb.*  
P. D. McIntyre, BSc PhD

**Visiting Fellow**

R. M. Ross-Quetin, BA *Rock.*, MS  
MLibr PhD *Wash.*

**Queen's Fellow**

L. B. Quetin, MA PhD *Calif.*  
(*Santa Barbara*)

**Population Biology****Professorial Fellow and Head of  
Department**

J. B. Gibson, BSc PhD *Sheff.*, MA  
*Camb.*

**Fellows**

D. D. Shaw, BSc *Durh.*, MSc  
*Birm.*, PhD *Ston*  
G. L. G. Miklos, BSc PhD *Syd.*

**Research Fellows**

B. J. Richardson, BSc PhD *NSW*  
J. G. Oakeshott, BSc PhD *Adel.*  
N. G. Martin, BSc *Adel.*, PhD  
*Birm.*

**Postdoctoral Fellow**

G. K. Chambers, BSc PhD *Leeds*

**Visiting Fellow**

M. J. D. White, DSc *Lond.*, FAA,  
FRS

**Molecular Biology Unit****Professorial Fellow**

H. Naora, BSc *Tokyo Lit. & Sci.*,  
DSc *Tokyo*

**Research Fellows**

A. A. Azad, MSc *Dacca*, PhD *Tor.*  
N. J. Deacon, BSc PhD *Lond.*  
J. Shine, BSc PhD

**Taxonomy Unit****Senior Fellow**

L. Watson, MSc *Manc.*, FLS

**Postdoctoral Fellow**

P. W. Hattersley, BSc *Lond.*, MSc  
*Liv.*, PhD

**Virus Ecology Research Group****Senior Fellow and Head of Group**

A. J. Gibbs, BSc ARCS PhD *Lond.*

**Research Fellow**

R. J. Mahon, BSc PhD *WAust.*

**Visiting Fellow**

J. A. Mayer, MS *Stan.*, PhD *BrCol.*

**Laboratory Manager**

D. Hardman, BA (Admin) *CCAEE*,  
FIMLS

**The Research School of  
Chemistry****Dean**

Professor D. P. Craig, MSc *Syd.*,  
PhD *DSc Lond.*, FRIC, FRACI,  
FAA, FRS

**Professor (Organic Chemistry)**

A. J. Birch, CMG, MSc *Syd.*, &  
*Manc.*, DPhil *Oxf.*, HonDSc *Syd.*,  
FRIC, FRACI, FAA, FRS

**Professor (Physical and Theoretical  
Chemistry)**

D. P. Craig, MSc *Syd.*, PhD DSc  
*Lond.*, FRIC, FRACI, FAA, FRS

**Professors (Inorganic Chemistry)**

A. M. Sargeson, BSc PhD DipEd  
*Syd.*, FRACI, FAA  
B. G. Hyde, PhD DSc *Brist.*, FAA,  
FIP, FRIC, FRACI

**Professorial Fellows**

R. W. Rickards, BSc *Syd.*, FRACI  
J. Ferguson, MSc PhD *Syd.*  
M. A. Bennett, ARCS PhD DIC  
DSc *Lond.*, FRACI

**Senior Fellows**

G. B. Robertson, BSc PhD *WAust.*  
J. K. MacLeod, BSc PhD *Qld*,  
FRACI  
L. N. Mander, MSc *Auck.*, PhD  
*Syd.*  
R. Bramley, MSc *Syd.*, PhD *Lond.*  
L. Radom, MSc PhD *Syd.*, FRACI

**Fellows**

T. R. Welberry, MA *Camb.*, PhD  
*Lond.*  
S. B. Wild, BSc *NSW*, PhD *Manc.*

**Research Fellows**

L. Dubicki, BSc PhD *Melb.*  
T. W. Matheson, BSc PhD *Otago*  
P. A. Tucker, BSc *Brist.*, PhD  
*Essex*  
G. H. Miller, BSc *Brist.*, MSc *Ncle*  
*(UK)*, PhD *Leeds*  
R. J. Geue, BSc PhD *Adel.*  
W. R. Rodwell, BSc PhD *Nott.*  
M. Gill, BTech PhD *Brad.*  
M. J. Gunter, BSc PhD *NE*  
W. D. Raverty, BSc PhD *Melb.*  
R. D. G. Jones, BSc PhD *Qld*  
K. Robinson, BSc *EAnglia*, DPhil  
*Oxf.*

A. B. van Oosterhout, Dr *Utrecht*  
A. Dunand, DiplEngChem Dr sc  
*Geneva*

C. C. Bott, BSc PhD *Adel.*  
J. Singh, BSc *Lnow*, MSc PhD  
*IIT(Delhi)*

W. L. Steffen, BS *Missouri(Rolla)*,  
MS PhD *Flor.*

M. B. Moronski, mgr *Jagellonian*,  
PhD *SILL*

D. P. Arnold, BSc PhD *Qld*  
I. A. S. Lewis, BSc *Liv.*, PhD *Wales*  
N. E. Dixon, BSc PhD *Qld*  
M. Woolias, BSc *Lond.*, PhD  
*Camb.*

I. W. Johnstone, BSc PhD *Cant.*

L. R. Gahan, BSc PhD *LaT*  
T. - C. Khor, BSc PhD *Flin.*

A. M. Cartner, BSc PhD *Otago*  
L. Lombardo, BSc PhD *WAust.*  
E. Patsalides, BSc PhD *NSW*  
B. N. Noller, BSc MChem *NSW*,  
PhD *Tas.*

R. C. Hayward, MSc PhD *Auck.*  
G. A. Lawrence, BSc PhD *Qld*,  
DipEd *Melb.*

C. E. Carroll, BS *Cal. Tech.*, AM  
PhD *Harrv.*

J. J. Kibby, BSc PhD *Qld*  
G. Kretschmer, BSc *Flin.*, PhD  
G. R. Stephenson, BA PhD *Camb.*

B. C. Baumann, DiplNatw Dr phil  
Zür.

I. R. Elsum, BSc PhD *Monash*  
J. Epstein, BSc *WAust.*, PhD  
*Carnegie-Mellon*  
A. S. Narula, BSc *Panj(I)*, MSc  
PhD *Raj.*

M. A. Collins, BSc PhD *Syd.*  
P. G. F. Dahler, DiplIng DrIng  
*Darmstadt*  
W. Kotlarek, MSc *Tech. Univ.*  
*Wroclaw*, PhD *Polish*  
*Acad. Sci.*

H. G. Fick, DiplChem Dr rer nat  
*Munich*

C. P. Mallett, MA DPhil *Oxf.*  
L. Farnell, MA DPhil *Oxf.*

G. J. Potter, MSc PhD *Auck.*  
L. P. Johnson, BSc PhD *LaT*

J. V. Turner, BSc PhD *Adel.*  
J. R. Sellar, MSc *Melb.*, PhD

*Arizona State*  
J. C. Wilkie, BSc *Adel.*, PhD  
*Monash*

H. J. Griesser, DrScNat *ETH Zür.*  
A. M. Becker, Diplom *Basle*, PhD

F. Herren, DiplChem Dr *Berne*  
H. Nyman, CivIng TeknDr *Lund*

*Visiting Fellows*

Emeritus Professor A. Albert, BSc  
*Syd.*, PhD DSc *Lond.*, FRIC,  
FRACI, FAA

W. G. Jackson, BSc PhD *Melb.*  
R. D. Pizer, BA *JohnsH*, PhD  
*Brandeis*

*Queen Elizabeth Fellows*

R. V. Dubs, Dr ès Sc *Lausanne*,  
BSc

K. I. Gell, MA *Prin.*, BSc

#### Analytical Services Unit

*Analyst (Fellow)*

B. J. Stevenson, MSc *NSW*

*Microanalyst (Fellow)*

J. E. Fildes, BSc *Syd.*, MSc PhD  
*Birm.*, FRACI

#### Laboratory Manager

J. S. Harper, ARACI

#### The Research School of Earth Sciences

##### Director

Professor A. E. Ringwood, MSc  
PhD *Melb.*, FAA, FRS

##### Professor (*Geochemistry*)

A. E. Ringwood, MSc PhD *Melb.*,  
FAA, FRS

##### Professor (*Geophysical Fluid Dynamics*)

J. S. Turner, MSc *Syd.*, PhD *Camb.*,  
FIP, FRMetS, FAA

##### Professor (*Economic Geology*)

L. B. Gustafson, BSE *Prin.*, MS  
*Cal. Tech.*, PhD *Harv.*

##### Professor (*Geophysics*)

K. Lambeck, BSc *NSW*, DPhil DSc  
*Oxf.*

##### Reader

M. S. Paterson, BE *Adel.*, PhD  
ScD *Camb.*, FAA

##### Professorial Fellows

S. R. Taylor, MSc *NZ*, PhD  
*Indiana*, MA DSc *Oxf.*, FAA

W. Compston, BSc PhD *WAust.*,  
FAA

##### Senior Fellows

M. W. McElhinny, BSc PhD  
*Rhodes*, FIP, FRAS

I. McDougall, BSc *Tas.*, PhD  
J. R. Cleary, BSc *NSW*, PhD

##### Fellows

J. R. Richards, DSc *Melb.*, PhD  
*Durh.*, FRACI

K. J. Muirhead, BE PhD *Tas.*

F. E. M. Lilley, BSc *Syd.*, MSc PhD  
*WOnt.*

L-g. Liu, BSc *Nat. Taiwan*, MS  
PhD *Roch.*

##### Senior Research Fellow

P. J. Cook, BSc *Durh.*, PhD  
*Colorado*, MSc

##### Research Fellows

S. W. J. Clement, BSc *SirGWms*,  
MSc *Car.*, PhD

C. T. Klootwijk, drs dr *Utrecht*

N. Williams, MPhil PhD *Yale*, BSc  
J. N. Coles, BSc *Lond.*, PhD *Camb.*

R. J. Arculus, BSc PhD *Durh.*

J. W. Delano, BS *Upsala Coll.*, PhD  
*NYState (Stony Brook)*

M. R. Perfit, BS *StLawrence*, MPhil  
PhD *Col.*

B. R. Ruddick, BSc *VicBC*, PhD  
*MIT (WHOI)*

J. P. Shore, BSc *CUNY (Brooklyn)*,  
MA PhD *Calif. (Berkeley)*

I. N. S. Jackson, BSc *Qld*, PhD

J. B. Merriam, BSc *SirGWms*, MS  
*Nfld*, PhD *York (Can.)*

V. M. Oversby, BA *Wellesley Coll.*,  
MA PhD *Col.*

A. R. Chivas, BSc PhD *Syd.*

G. A. Bock, DipGeophys *Munich.*,  
DrRerNat *Karlsruhe*  
T. Torgersen, BS *Ill.*, MPH PhD  
*Col.*

##### Queen's Fellow

T. J. McDougall, BE *Adel.*, PhD  
*Camb.*

#### Laboratory Manager

M. J. Vernon

#### The John Curtin School of Medical Research

##### Director and Howard Florey

##### Professor of Medical Research

Professor R. Porter, BMedSc DSc  
*Adel.*, MA BCh DM *Oxf.*, FAA

#### Biochemistry

##### Professor

F. W. E. Gibson, DPhil *Oxf.*, DSc  
*Melb.*, FAA, FRS

##### Professorial Fellow

J. F. Morrison, BSc *Syd.*, MSc *Qld*,  
DPhil *Oxf.*, DSc

##### Senior Fellows

H. Rosenberg, DSc *Melb.*, PhD  
G. B. Cox, BSc PhD *Melb.*

##### Fellow

I. G. Young, MSc *Melb.*, PhD

##### Research Fellows

J. A. Downie, BSc *Strath.*, PhD  
*Dund.*

T. E. Heyde, BSc *Qld*, PhD

R. M. Janki, BSc PhD *WOnt.*

J. I. Rood, BSc PhD *Melb.*

A. M. Ivanovici, PhD *Syd.*, BSc

##### Postdoctoral Fellow

H. D. Campbell, BSc PhD *Qld*

##### Visiting Fellows

S. M. Pearce, MSc *Syd.*, PhD  
*WOnt.*

F. L. Crane, MS PhD *Mich.*

#### Clinical Science

##### Professorial Fellow and Acting Head of Department

M. A. Denborough, MB ChB

*CapeT*, DPhil *Oxf.*, MD DSc *Melb.*,  
FRCP, FRACP

##### Senior Fellow

N. G. Ardlie, MD BS *Adel.*, PhD  
*McM*, MRACP

**Research Fellows**

H. W. Mitchell, MBiol  
*NELond. Polytech.*  
 L. A. Marjanen, LuK FK *Turku*,  
 PhD

**Visiting Fellows**

D. P. Dhali, MD PhD *Aberd.*,  
 FRCSEd  
 S. G. Nogrady, MB BS *Syd.*,  
 FRACP  
 W. M. Burch, MSc *Melb.*, PhD  
*Lond.*

**Experimental Pathology****Professor**

To be appointed

**Senior Fellow and Acting Head of Department**

W. J. Cliff, MA MB BChir *Camb.*,  
 DPhil *Oxf.*

**Senior Fellow**

I. K. Buckley, MB BS PhD *Melb.*

**Fellow**

G. I. Schoeffl, BA *Reed Coll.*, AM  
 PhD *Radcliffe Coll.*

**Research Fellows**

N. H. Hunt, BSc PhD *Aston*  
 J. M. Snowden, BSc PhD *Monash*  
 K. Yamaguchi, MVSc PhD  
*Yamaguchi*

**Visiting Fellows**

S. Davies, BSc PhD *Liv.*  
 M. J. Stewart, BSc PhD *NSW*  
 R. L. G. Newcombe, MB DS *Qld*,  
 FRCS, FRACS

**Human Biology****Professorial Fellow and Head of Department**

R. L. Kirk, MSc *Birm.*, DSc  
*WAust.*

**Research Fellows**

S. W. Serjeantson, BSc *NSW*, PhD

**Hawaii**

P. G. Board, BSc PhD *NE*  
 Y. -S. Teng, BS *Tungshai*, MS  
*NTexas State*, PhD *Missouri*  
 G. L. Jones, BSc PhD *Qld*

**Immunology****Professor**

B. Morris, BVSc *Syd.*, DPhil *Oxf.*,  
 FAA

**Senior Fellows**

K. J. Lafferty, BSc *Melb.*, PhD

P. J. McCullagh, MD BS *Melb.*,  
 DPhil *Oxf.*, MRCP

**Senior Research Fellow**

J. N. Shelton, BVSc *Qld*, PhD *Syd.*

**Research Fellows**

D. O. Willenborg, BSc *Ill.*, MS  
*Calif. State (Long Beach)*, ScD  
*JohnsH*  
 M. R. Brandon, BScAgr PhD *Syd.*

**Postdoctoral Fellow**

A. R. Al-Adra, BSc *Calif. (Davis)*,  
 MSc PhD *Alta*

**Visiting Fellows**

J. A. Donohoe, BSc *Syd.*, PhD  
 H. S. Warren, BSc PhD *Qld*  
 H. W. Moon, BSc DVM PhD *Minn.*  
 A. Mann, MB BS *Melb.*, FRCS,  
 FRACS

**Microbiology****Professor**

G. L. Ada, DSc *Syd.*, FAA

**Senior Fellows**

P. D. Cooper, PhD DSc *Lond.*  
 I. D. Marshall, BAgSc *Melb.*, PhD  
 W. G. Laver, MSc *Melb.*, PhD  
*Lond.*  
 A. J. D. Bellett, MSc *Lond.*, PhD  
 R. V. Blanden, MDS *Adel.*, PhD,  
 FAA  
 C. R. Parish, BAgSc PhD *Melb.*

**Research Fellows**

I. A. Clark, BVSc *Qld*, PhD *Lond.*  
 G. M. Air, BSc *Syd.*, PhD *NSW*  
 C. M. Rzepczyk, BSc PhD *Qld*  
 D. B. Rylatt, BSc PhD *Adel.*  
 R. B. Ashman, BSc PhD *WAust.*

**Visiting Fellows**

T. J. Higgins, BSc *Calif. (Davis)*,  
 PhD *Harv.*  
 M. L. Berger, BA *Roch.*, MD  
*Wash. (Mo.)*  
 H. C. J. Ertl, Dr med *Gött.*

**Pharmacology****Professor**

D. R. Curtis, MB BS *Melb.*, PhD,  
 FAA, FRS

**Senior Fellows**

G. A. R. Johnston, MSc *Syd.*, PhD  
*Camb.*  
 A. W. Duggan, BSc MD BS *Qld*,  
 PhD

**Senior Research Fellow**

I. A. Hendry, BSc (Med) MB BS  
*Syd.*, PhD *Camb.*

**Research Fellows**

R. D. Allan, BSc *Qld*, PhD *James*  
*Cook*  
 J. C. Bornstein, BSc PhD *Monash*  
 S. M. Johnson, BSc PhD *Adel.*

**Visiting Fellow**

C. E. Hill, BSc PhD *Melb.*

**Physical Biochemistry****Professor**

L. W. Nichol, PhD DSc *Adel.*,  
 FRACI

**Professorial Fellow**

H. A. McKenzie, MSc PhD *Syd.*,  
 FRACI

**Senior Fellow**

A. B. Roy, PhD DSc *Edin.*

**Fellow**

P. D. Jeffrey, BSc PhD *Adel.*

**Protein Chemist (Fellow)**

D. C. Shaw, BSc *WAust.*, PhD  
*Camb.*

**Research Fellows**

D. I. Marlborough, BSc *Lond.*, PhD  
*Exe.*  
 R. J. Siezen, MSc PhD *Gron.*  
 R. W. McNaught, MSc *Well.*, PhD  
*Auck.*  
 A. Marker, BSc PhD *NE*

**Visiting Fellows**

M. C. Taylor, MSc *Tas.*  
 S. Kaminogawa, MAgR PhD *Tokyo*

**Physiology****Professor**

P. O. Bishop, MB BS DSc *Syd.*,  
 FAA, FRS

**Professorial Fellow**

W. R. Levick, BSc (Med) MSc MB  
 BS *Syd.*, FAA

**Senior Fellows**

R. I. Close, MSc *NZ*, PhD *Ill.*  
 G. H. Henry, MAppSc DSc *Melb.*

**Fellow**

B. G. Cleland, BE *NSW*, MS PhD  
*Northwestern*

**Senior Research Fellow**

A. Hughes, MA *Oxf.*, PhD *Edin.*,  
 DIC *Lond.*

**Research Fellows**

L. N. Thibos, MS *Mich.*, PhD  
*Calif. (Berkeley)*  
 M. J. Mustari, MA *Sill.*, PhD  
*Wash.*

**Postdoctoral Fellow**

J.H. Bullier, DipInglngESE Paris,  
PhD Duke

**Visiting Fellow**

G. Danta, BSc(Med) MB BS Syd.

**Medical Chemistry Group****Reader and Head of Group**

D.J. Brown, MSc Syd., DIC PhD  
DSc Lond., FRACI

**Professorial Fellow**

D.D. Perrin, MSc NZ, PhD DSc  
Lond., FRIC, FRACI

**Senior Fellows**

E. Spinner, MScTech PhD DSc  
Manc., FRACI

W.L.F. Armarego, PhD DSc  
Lond., FRIC, FRACI

G.B. Barlin, MSc Syd., PhD,  
FRACI

**Research Fellows**

H. Stünzi, DiplChem DrScNat  
ETH Zür.

W.B. Cowden, BS Troy State, PhD  
Qld

**Postdoctoral Fellow**

P. Waring, BSc Qld, MSc PhD

**Animal Breeding****Establishment****Fellow**

J.B. Smith, BVSc Syd., PhD

**Business Manager**

A.B. Salter, BEc, AASA, ACAA

**Technical Manager**

To be appointed

**The Research School of Pacific Studies****Director**

Professor Wang Gungwu, MA  
Malaya, PhD Lond., FAHA

**Anthropology****Professor and Head of Department**

R.M. Keesing, AB Stan., AM PhD  
Harv., FASSA

**Professor**

J.D. Freeman, PhD Camb.,  
DipAnthrop Lond., FASSA

**Professorial Fellow**

J.J. Fox, AB Harv., DipSocAnth  
BLitt DPhil Oxf., FRAI

**Senior Fellows**

M.O. Reay, MA Syd., PhD, FASSA  
G.E.T. Wijeyewardene, BA Ceyl.,  
MA PhD Camb.

**Fellow**

M.W. Young, MA Lond. & Camb.,  
PhD

**Senior Research Fellow**

T. Asch, BS Col., MA Boston

**Research Fellows**

J.B. Haviland, AB PhD Harv.

K.M. Endicott, BA Reed Coll.,  
DipSocAnth BLitt DPhil Oxf., PhD

Harv. (see also Prehist. &  
Anthrop., SGS)

P.C. Reynolds, BA Calif.  
(Berkeley), PhD Yale

**Visiting Fellows**

I.M. White, MA Camb.

M. Nakamura, MA Tokyo, MA PhD  
Cnell

R.H. Hook, MB BS BA Syd.

H.E. Maude, OBE, MA Camb.

**Biogeography and  
Geomorphology****Professor**

D. Walker, BSc Sheff., MA PhD  
Camb.

**Professorial Fellow**

J.M.A. Chappell, BSc NZ, MSc  
Auck., PhD

**Senior Fellows**

N.M. Wace, MA Oxf., PhD Belf.

G. Singh, MSc Panj. (I), PhD Lnow  
& Belf.

J.M. Bowler, MSc Melb., PhD

**Research Fellows**

R.J. Wasson, BA Syd., PhD Macq.

J.O. Juvik, BA Calif. (Davis), MA  
PhD Hawaii

**Visiting Fellow**

J.N. Jennings, MA PhD Camb.

**Economics****Professor and Head of Department**

H.W. Arndt, MA BLitt Oxf.,  
FASSA

**Professor**

W.M. Corden, MCom Melb., MA  
Oxf., PhD Lond., FASSA

**Professorial Fellows**

E.K. Fisk, MA Oxf., FASSA

A.G. Donnithorne, MA Oxf.

R.M. Sundrum, BA BL Rangoon,  
PhD Lond.

**Senior Fellows**

P.J. Lloyd, MA Well., PhD Duke,  
FASSA

R.T. Shand, MScAgr Syd., PhD  
Iowa State

C.H. Barlow, MBE, BSc Lond.,  
MSc Cnell, PhD Aberd.

**Senior Research Fellows**

R.G. Garnaut, BA PhD

P.G. Warr, BSc Syd., MSc Lond.,  
PhD Stan. (to arrive)

**Research Fellows**

P.T. McCawley, BEcon Qld, PhD

K. Anderson, BAgEc NE, MEC  
Adel., AM Chic., MA PhD Stan.

A.E. Booth, BA Well., PhD

**Honorary Fellows**

Sir Leslie (Galfreid) Melville, KBE,  
BEc Syd., HonLLD Tor. & ANU,

FIA, FASSA

Emeritus Professor Sir John  
(Grenfell) Crawford, AC, CBE,

MEc Syd., HonDSc Ncle(NSW) &  
Orissa, HonDEc NE, HonDScEcon

Syd., HonLLD Tas., PNG & ANU,  
FAIAS, FASSA

**Far Eastern History****Professorial Fellow and Head of  
Department**

E.S. Crawcour, BA Melb., MA  
Camb., PhD

**Professor**

Wang Gungwu, MA Malaya, PhD  
Lond., FAHA

**Professorial Fellow**

Wang Ling, BA Nanking, PhD  
Camb.

**Senior Fellows**

N. Barnard, BA NZ, PhD, FAHA

I. de Rachewiltz, PhD, FAHA

H-m. Lo, BA Yenching, PhD  
Camb.

A. Fraser, MA Oxf., PhD

**Fellow**

J.H. Fincher, AB Harv., PhD  
Wash.

**Research Fellows**

T. Wright, MA PhD Camb.

D.B.P.-T. Pong, BA PhD Lond.

**Postdoctoral Fellow**

J.B. Moore, BA Wyoming &  
Monterey Inst. Foreign Stud., MA

Calif. (Berkeley), PhD Wis.

**Visiting Fellow**

C-h. Wu, BA Nat. Taiwan

**Human Geography***Professor*

R. G. Ward, MA NZ, PhD Lond.,  
FASSA

*Professorial Fellow*

G. J. R. Linge, BSc(Econ) Lond.,  
PhD NZ

*Senior Fellow*

P. J. Rimmer, MA Manc., PhD  
Cant.

*Fellow*

C. C. Kissling, BANZ, MA Cant.,  
PhD McG

*Senior Research Fellow*

R. Peet, BSc Lond., MA BrCol.,  
PhD Calif. (Berkeley)

*Research Fellows*

D. W. Drakakis-Smith, DipEd MA  
Wales, PhD HK

N. J. Thrift, BA UCW Aberystwyth,  
PhD Brist.

M. J. Taylor, BSc PhD Lond.

*Postdoctoral Fellow*

D. K. Forbes, BA Flin, MAPNG,  
PhD Monash

*Visiting Fellow*

T. P. Bayliss-Smith, PhD Cant.  
(see also Prehistory)

**International Relations***Professor*

J. D. B. Miller, MEd Syd., MA  
Camb., FASSA

*Professorial Fellows*

T. B. Millar, BA WAust., MA  
Melb., PhD Lond.

R. J. O'Neill, BE Melb., MA DPhil  
Oxf., FASSA

*Senior Fellows*

J. T. G. Jukes, MA Oxf.

J. L. S. Girling, BA Oxf.

*Fellow*

D. C. S. Sissons, MA Melb.

*Senior Research Fellows*

C. M. Bell, BA Syd., MSc(Econ)  
PhD Lond.

M. Ayoub, BA Utkal, MA Alig.,  
PhD Hawaii

M. E. Osborne, BA Syd., PhD  
Cnell

R. H. Pettman, BA Adel., PhD  
Lond.

*Research Fellow*

J. J. Weltman, MA PhD JohnsH

*MAIR Fellow (Research Fellow)*

G. G. Lawrie, BA LLB CapeT,  
Barrister-at-Law SA

*Visiting Fellows*

Sir Alan (Stewart) Watt, CBE, BA  
Syd., MA Oxf.

W. J. Hudson, BA Qld, MA Melb.,  
PhD

F. H. Stuart, MA Oxf.

**Linguistics***Professor*

S. A. Wurm, DrPhil Vienna,  
FASSA, FAHA

*Senior Fellows*

D. C. Laycock, BANE, PhD

C. L. Voorhoeve, Dr Ley.

*Fellows*

D. T. Tryon, MA Cant., PhD

T. E. Dutton, MA Qld, PhD

**Pacific and South-East Asian History***Professor*

G. A. Daws, BA DipEd Melb., MA  
PhD Hawaii

*Senior Fellows*

D. A. Scarr, BA Exe., PhD

A. J. S. Reid, MA Well., PhD Camb.

*Fellows*

W. N. Gunson, MA Melb., PhD

H. N. Nelson, BA MEd Melb., PhD  
PNG

D. G. Marr, BA Dartmouth Coll.,  
MA PhD Calif. (Berkeley)

*Senior Research Fellows*

N. R. McArthur, BA Melb., PhD  
Lond. & ANU

J. T. Griffin, BA Melb.

*Research Fellows*

B. A. Batson, AB Harv., MA

Hawaii, PhD Cnell

A. F. Pike, MA

M. T. Vickery, BA Wash., MPhil  
PhD Yale

B. K. MacDonald, BA Well., PhD

*Visiting Fellows*

C. E. Wright, BA Syd., DPhil Oxf.

Emeritus Professor O. H. K. Spate,  
MA PhD Camb., FAHA, FASSA

**Political and Social Change***Professor*

J. A. C. Mackie, BA Melb. & Oxf.,  
MA Oxf., FASSA

*Senior Fellow*

R. J. May, MEd Syd., DPhil Oxf.

*Senior Research Fellow*

M. A. Nawawi, BA Brandeis, MA  
PhD Prin.

*Research Fellow*

W. J. O'Malley, BA Mich. State, MA  
PhD Cnell

*Visiting Fellow*

Hon. E. G. Whitlam, QC, BA LLB  
Syd.

**Prehistory***Professor*

J. Golson, MA Camb., FAHA

*Senior Fellow*

R. M. Jones, MA Camb., PhD Syd.

*Fellows*

A. G. Thorne, MA PhD Syd.

F. J. Allen, BA Syd., MA Camb.,  
PhD

H. A. Polach (Radiocarbon Dating  
Lab.)

*Research Fellows*

B. F. Meehan, MA Syd., PhD

J. Kennedy, MA Otago, PhD  
Hawaii

P. J. Hughes, MSc Cant., PhD  
NSW

*Visiting Fellows*

J. M. Beaton, MA Calif. (Los  
Angeles), PhD

T. P. Bayliss-Smith, PhD Cant.  
(see also Human Geography)

**Contemporary China Centre***Senior Lecturer and Acting Head*

I. F. H. Wilson, MA Melb., MIA  
Col. (see also Political Science,  
SGS)

*Research Fellow*

G. G. Young, BA Adel., PhD Flin.

**Development Studies Centre***Executive Director*

Dr G. W. Jones (see Demography,  
RSSS)

*Administrative Secretary*

R. V. Cole, BCom Qld

*Senior Research Fellow*

D. R. Howlett, BA DipEd Adel.,  
PhD

*Research Fellows*

R. C. Hills, BA PhD Brist.

E. A. Young, MA Edin. & PNG,  
DipEd Edin., PhD

**MADE PROGRAM***Fellow and Convener*

D.M. Etherington, BEcon Rhodes,  
MS *Cnell*, AM PhD *Stan*.

**MADE Fellows**

M.M. Saad, BSc(AgSc)  
MSc(AgEcon) *Cairo*, PhD *Nott*.  
D.P. Chaudhri, BA *Panj. (I)*, MA  
PhD *Delhi*

**MA (DEMOGRAPHY)****PROGRAM***Research Fellows*

Dr P.F. McDonald (see  
Demography *RSSS*)  
D.W. Lucas, BA(Econ) *Manc.*,  
MSc PhD *Lond*.  
S.K. Jain, BSc *Agra*, MSc *Patna*,  
MSPH *NCarolina*, PhD

**South Asian History Section***Head*

Professor D.A. Low, MA DPhil  
*Oxf.*, FAHA, FASA

*Research Fellow*

J.G. McGuire, BA *WAust.*, MA  
*Manit.*, PhD *Lond*.

**Strategic and Defence Studies  
Centre***Professorial Fellow and Head of  
Centre*

Dr R.J. O'Neill (see International  
Relations)

*Senior Research Fellows*

P.A. Towle, BA *Camb.*, MA PhD  
*Lond*.  
D.J. Ball, BEc PhD

*Visiting Fellow*

J.C. King, BA *NE*

**Australia-Japan Economic  
Relations Research Project***Research Fellow*

To be appointed

**Business Manager**

P.J. Grimshaw, MBE

**The Research School of  
Physical Sciences***Director*

Professor J.H. Carver, MSc *Syd.*,  
PhD *ScD Camb.*, FAIP

**Applied Mathematics***Professor and Head of Department*

B.W. Ninham, MSc *WAust.*, PhD  
*Maryland*, FAA

*Professor*

A.W. Snyder, BS *Penn.State*, SM  
*MIT & Harv.*, PhD *DSc Lond*.

*Senior Fellows*

J.N. Israelachvili, MA PhD *Camb*.  
(see also *Neurobiol.*, *RSBS*)  
C. Pask, BSc *Lond.*, PhD *NSW*  
D.J. Mitchell, BSc *Syd.*, PhD *NSW*

*Senior Research Fellows*

S. Marcelja, DiplIng *Zagreb*, PhD  
*Roch*.  
J.D. Love, MA *Camb. & Oxf.*,  
DPhil *Oxf*.

*Research Fellow*

M.V. Srinivasan, ME *Blore*, PhD  
*Yale* (see also *Neurobiol.*, *RSBS*)

*Postdoctoral Fellows*

L.R. White, BSc *Qld*, PhD  
D.Y.C. Chan, BSc *NSW*, PhD  
R.G. Horn, BSc *Monash*, PhD  
*Camb*.

*Queen Elizabeth Fellows*

R.M. Pashley, BSc *DIS Lough.*,  
PhD *DIC Lond*.  
R.A. Sammut, BSc *NSW*, PhD

**Engineering Physics***Professor*

S. Kaneff, BE PhD *Adel.*, FIE *Aust.*

*Senior Research Engineers (Senior  
Fellows)*

E.K. Inall, BSc *BE Syd.*, PhD *Rdg*  
R.A. Marshall, BSc *BE NZ*, SM  
*Harv.*, FIMechE  
P.O. Carden, ME *Qld*, PhD

*Fellows*

I.D.G. Macleod, BE *NSW*, PhD  
B. Luther-Davies, BSc PhD *Ston*  
*Research Fellow*  
M.R. Lally, BSc PhD *Adel*.

*Visiting Fellows*

M.C. Hall, MSc PhD *Melb*.  
D.J. Carpenter, BSc *Sus.*, MSc  
*Rdg*, PhD

**Mathematics***Professor*

R.E. Edwards, BSc *Manc.*, PhD  
*Lond*.

*Professorial Fellow and Acting*

*Head of Department*  
R.W. Richardson, BS *Louisiana*  
*State*, PhD *Mich*.

*Professorial Fellow*

W.A. Coppel, BA *Melb*.

*Senior Fellows*

L.G. Kovacs, MSc PhD *Manc*.  
S. Yamamuro, BSc *Tohoku*, PhD  
*Hokkaido*  
M.F. Newman, MSc *Syd.*, PhD  
*Manc*.

*Research Fellows*

G. Havas, PhD *Syd.*, BA  
N.R. O'Brian, BA *Camb.*, MSc  
PhD *Warw*.

J.G. Oxley, BSc *Tas.*, DPhil *Oxf.*,  
MSc (see also *Pure Mathematics*,  
*SGS*)

R.B. Howlett, BA PhD *Adel*.

*Visiting Fellows*

S-i. Izumi, DSc *Tohoku*  
M. Izumi, BSc *Tokyo Univ. Sci.*,  
MSc *Tokyo Metro.*, DSc  
Emeritus Professor K. Mahler,  
DrPhil *Nat Fran.*, DSc *Manc.*,  
FAA, FRS

*Honorary Fellow*

Emeritus Professor B.H.  
Neumann, DrPhil *Berl.*, PhD  
*Camb.*, DSc *Manc.*, HonDSc  
*Ncle(NSW)*, FAA, FRS

**Mount Stromlo and Siding  
Spring Observatories***Professor and Director of  
Observatories*

D.S. Mathewson, MSc *Qld*, PhD  
*Manc*.

*Professor*

S.C.B. Gascoigne, MSc *NZ*, PhD  
*Brist.*, FAA

*Professorial Fellow*

A.W. Rodgers, BSc *Syd.*, PhD,  
FRAS

*Senior Fellows*

K.C. Freeman, BSc *WAust.*, PhD  
*Camb*.  
D.J. Faulkner, MSc *Qld*, PhD  
A.J. Kalnajs, SB *MIT*, PhD *Harv*.  
M.S. Bessell, BSc *Tas.*, PhD  
A.R. Hyland, BSc *Qld*, PhD

*Fellows*

J.E. Norris, BSc PhD  
M.A. Dopita, MA *Oxf.*, MSc PhD  
*Manc*.

*Senior Research Fellow*

N. Visvanathan, BSc *Madr.*, PhD

**Research Fellows**

E. B. Newell, MSc *Melb.*, PhD  
 P. R. Wood, BSc *Qld*, PhD  
 A. Bosma, Drs *Dr Gron.*  
 I. R. Tuohy, BSc PhD *Adel.*  
 T. J. Jones, AB *Occidental Coll.*,  
 MS PhD *Hawaii*  
 G. V. Bicknell, MSc PhD *Syd.*

**Postdoctoral Fellow**

P. D. Nicholson, BSc *Qld*, PhD  
*Cal. Tech.*

**Visiting Fellows**

C. W. Allen, DSc *WAust.*, FRAS  
 W. N. Christiansen, DSc *Melb.*,  
 FAA, FIP, FAIP, FRAS, FIEE,  
 FIEAust  
 J. -S. Chen, *Peking*  
 H. J. Su, *Peking*  
 Z. -L. Zou, *Peking*

**Nuclear Physics**

**Professor and Head of Department**  
 J. O. Newton, MA PhD *Camb.*, DSc  
*Manc.*, FAA

**Professor**

Sir Ernest (William) Titterton,  
 CMG, MSc PhD DipEd *Birm.*,  
 FRSA, FAA

**Professorial Fellow**

P. B. Treacy, MSc *Syd.*, PhD  
*Camb.*, FAIP

**Senior Fellows**

D. F. Hebbard, BA MSc PhD *Melb.*  
 T. R. Ophel, BSc *Adel.*, PhD  
 R. H. Spear, MSc PhD *Melb.*

**Fellows**

H. J. Hay, MSc *NZ*, PhD  
 J. Nurzynski, DSc *Jagellonian*  
 G. D. Dracoulis, BSc PhD *Melb.*

**Research Fellows**

S. H. Sie, MSc *Qu.*, MPhil PhD  
*Yale*  
 T. H. Zabel, MA PhD *Rice*  
 W. Galster, DiplPhys DrRerNat  
*Erlangen-Nuremberg*  
 C. H. Fahlander, MSc PhD *Uppsala*  
 C. H. Atwood, BS *Millsaps Coll.*,  
 PhD *Flor.*  
 L. F. Pender, BSc PhD *Monash*  
 M. T. Esat, BSc *Lond.*, MSc *Qu.*,  
 PhD

**Visiting Fellows**

S. D. Newton, BA PhD *Belgrade*  
 D. C. Kean, BSc *Glas.*, PhD  
 G. J. Clark, BSc *Tas.*, PhD

**Plasma Research Laboratory**

**Professorial Fellow and Head**  
 S. M. Hamberger, BSc PhD *Lond.*,  
 FIP

**Senior Fellows**

L. E. Sharp, BSc PhD *Syd.*  
 A. H. Morton, DFC, MSc *WAust.*,  
 PhD

**Fellow (Research Engineer)**

C. F. Vance, MSc *NZ*

**Research Fellow**

M. G. Bell, BSc *Syd.*, PhD *Camb.*

**Postdoctoral Fellow**

L. B. Whitbourn, BSc PhD *Syd.*

**Visiting Fellows**

W. K. Bertram, BSc PhD  
 G. R. Hogg, MSc PhD *Melb.*

**Solid State Physics****Professor**

W. A. Runciman, DSc *Edin.*, FIP,  
 FAIP, FGA

**Senior Research Fellow**

N. B. Manson, MSc PhD *Aberd.*

**Research Fellows**

A. Edgar, BSc PhD *Cant.*  
 M. C. K. Wiltshire, MA DPhil *Oxf.*  
 S. J. Campbell, BSc *Aberd.*, MSc  
*Salf.*, PhD *Monash*

**Postdoctoral Fellows**

T. J. Hosea, BSc PhD *Edin.*  
 C. Bansal, MSc *Raj.*, PhD *Bom.*

**Visiting Fellows**

E. S. R. Gopal, MA MSc *Madr.*, PhD  
*IISc.*, FIP  
 D. C. Price, BSc PhD *Monash*

**Theoretical Physics****Professor**

K. J. Le Couteur, MA PhD *Camb.*,  
 FAA

**Professorial Fellows**

F. C. Barker, MSc *Melb.*, PhD  
*Birm.*  
 R. J. Baxter, MA *Camb.*, PhD

**Senior Fellows**

K. Kumar, BSc *Agra*, MSc *Alld*,  
 PhD *McM*  
 B. A. Robson, MSc PhD *Melb.*  
 W. S. Woolcock, BSc *Qld*, PhD  
*Camb.*

L. J. Tassie, MSc PhD *Melb.*  
 J. Mahanty, BSc *Utkal*, MSc *Calc.*,  
 PhD *Maryland*, FIP, FAPS

**Senior Research Fellows**

T. S. Santhanam, MSc PhD *Madr.*  
 C. J. Hamer, MSc *Melb.*, PhD  
*Cal. Tech.*

**Research Fellows**

W. N. -C. Sy, BSc *NE*, PhD  
 P. Jewsbury, BSc PhD *Bris.*  
 I. Morrison, BSc PhD *Glas.*  
 R. Smith, BSc PhD *Melb.*

**Postdoctoral Fellow**

M. J. Wardrop, MSc *Melb.*, DPhil  
*Oxf.*, FRAS

**Visiting Fellow**

D. D. Richardson, BSc *Ncle(NSW)*,  
 PhD

**Diffusion Research Unit****Senior Fellow**

R. Mills, MSc *NZ*, PhD  
*Wash. (Mo.)*, DSc

**Fellow**

L. A. Woolf, MSc *WAust.*, PhD *NE*

**Research Fellow**

K. R. Harris, BSc PhD *Adel.*

**Postdoctoral Fellow**

A. V. J. Edge, BSc ARCS DIC PhD  
*Lond.*

**Electron and Ion Diffusion Unit****Professorial Fellow and Head of Unit**

R. W. Crompton, BSc PhD *Adel.*,  
 FIP, FAIP, FAA

**Senior Fellow**

M. T. Elford, BSc PhD *Adel.*, FAIP

**Research Fellows**

D. J. Evans, BSc *Syd.*, PhD (see  
 also Department of the  
 Vice-Chancellor)  
 L. T. Sin Fai Lam, BSc PhD *Durh.*  
 (see also Department of the  
 Vice-Chancellor)  
 G. N. Haddad, BSc PhD *Adel.*

**Postdoctoral Fellow**

R. I. Hegerberg, DrIng

**Trondheim****Visiting Fellow**

D. W. Walker, BE BSc PhD *Melb.*

**Ultraviolet Physics Unit****Head**

Professor J. H. Carver, MSc *Syd.*,  
 PhD ScD *Camb.*, FAIP

**Fellow**

B. R. Lewis, BSc PhD *Adel.*

**Laboratory Manager**

J.W. Morphett, BE *Adel.*,  
MIE(Aust), AFAM

**The Research School of Social Sciences***Director*

Professor A.J. Youngson, MA  
*Aberd. & Camb.*, DLitt *Aberd.*,  
FASSA, FAHA

**Demography***Professor*

J.C. Caldwell, BA *NE*, PhD,  
FASSA

*Professorial Fellows*

C.A. Price, BA *Adel. & Oxf.*, MA  
DPhil *Oxf.*, FASSA  
L.T. Ruzicka, Ing CSc *Prague*,  
FASSA

*Senior Fellows*

L.H. Day, BA *Yale*, MA PhD *Col.*  
G.W. Jones, BA *NE*, PhD

*Research Fellows*

H.R.E. Ware, BA *Durh.*, PhD  
*Lond.*

P.F. McDonald, BCom *NSW*, PhD  
T.H. Hull, AB *Miami (Flor.)*, MA  
*Hawaii*, PhD  
D.T. Rowland, MA *Auck.*, PhD  
V.E.J. Hull, AB *Mich.*, MA  
*Hawaii*, PhD

*Postdoctoral Fellow*

A.D. Lopez, BSc *WAust.*, MSc  
*Purdue*, PhD

**Economic History***Professor*

N.G. Butlin, BEc *Syd.*, FASSA,  
CorrFelBA

*Professorial Fellow*

J.A. Barnard, BEc *Syd.*, PhD

*Senior Fellow*

N.G. Cain, BCom *Melb.*, PhD

*Fellow*

J.J. Pincus, BEcon *Qld*, AM PhD  
*Stan.*

*Research Fellow*

D.H. Coward, BA *Tas.*, PhD

*Postdoctoral Fellow*

R. Gerritsen, BA *WAust.*, MA  
*Ghana*, PhD

*Visiting Fellows*

Emeritus Professor J.A. La Nauze,  
BA *WAust.*, MA *Oxf.*, LittD *Melb.*,  
FAHA, FASSA  
R.H. Scott, BEc *Syd.*

*Honorary Fellow*

Emeritus Professor Sir (William)  
Keith Hancock, KBE, MA *Oxf.*,  
HonDLitt *Rhodes, Birm.*, *CapeT &*  
*Oxf.*, HonLittD *Camb., Melb. &*  
*ANU*, FAHA, FBA

**Economics***Professor and Head of Department*

F.H.G. Gruen, BA BCom *Melb.*,  
MS(AgEc) *Wis.*, AM *Chic.*, FASSA

*Professor*

T.W. Swan, BEc *Syd.*

*Professorial Fellow*

A.R. Hall, BEc *Syd.*, PhD *Lond.*

*Senior Fellows*

B.D. Haig, MCom *Melb.*  
R.G. Gregory, BCom *Melb.*, PhD  
*Lond.*, FASSA

*Research Fellows*

P.A. Volker, BA BEcon *Qld*,  
MCom *NSW*, PhD *SFraser*  
J.H. Cassing, BA *Kansas*, MA PhD  
*Iowa* (to arrive)

*Visiting Fellows*

O.T. Kingma, MAgrSc *Cant.*, PhD  
*NE*  
E. Kleiman, BA *Hebrew Jerusalem*,  
PhD *Lond.*

**History***Professor and Head of Department*

K.S. Inglis, MA *Melb.*, DPhil *Oxf.*,  
FAHA, FASSA

*William Keith Hancock Professor of*

*History*  
O.O.G. MacDonagh, MA *NUI*, MA  
PhD *Camb.*, Barrister-at-Law  
*King's Inns, Dublin*, FRHistS,  
FASSA, FAHA

*Professorial Fellow*

F.B. Smith, MA *Melb.*, PhD  
*Camb.*, FAHA

*Senior Fellows*

J.J. Eddy, BA *Melb.*, DPhil *Oxf.*  
A.W. Martin, MA DipEd *Syd.*,  
PhD, FASSA

*Fellow*

G.C.L. Hazlehurst, BA *Melb.*,  
DPhil *Oxf.*, FRHistS

*Senior Research Fellow*

B.A. Knox, BA *Qld*, BPhil *Oxf.*

*Research Fellows*

C.T. Stannage, MA *WAust.*, PhD  
*Camb.*

D.E. Barwick, BA *BrCol.*, PhD  
S.G. Foster, BA *NSW*, PhD *NE*

*Postdoctoral Fellow*

E.J. Kerr, BA *Qld*, MA *Syd.*, DPhil  
*York(UK)*

**Law***Professor and Head of Department*

S.J. Stoljar, PhD LLD *Lond.*,  
Barrister-at-Law *Grays Inn*,  
FASSA

*Professor*

To be appointed

*Fellow*

P.G. Sack, PhD

*Research Fellow*

R.F. Cranston, BA LLB *Qld*, LL.M  
*Harv.*, DPhil *Oxf.*, Barrister-at-  
Law *Grays Inn, Qld & NSW*

**Philosophy***Professor and Head of Department*

J.J.C. Smart, MA *Glas.*, BPhil  
*Oxf.*, FAHA

*Professorial Fellow*

S.I. Benn, BSc(Econ) *Lond.*,  
FASSA

*Senior Fellow*

F.R. Routley, MA *NZ & Prin.*,  
FAHA

*Senior Research Fellows*

R.K. Meyer, BA *Lehigh, BD*  
*Prin. Theol. Sem.*, MA PhD *Pitt.*  
M. Tooley, BA *Tor.*, PhD *Prin.*

*Research Fellows*

H. Burdick, BA *NYState*  
*(Binghamton)*, PhD  
*Rockefeller*  
F.B. D'Agostino, BA *Amherst*  
*Coll.*, MA *Prin.*, PhD *Lond.*  
C.E. Mortensen, BA *Qld*, PhD  
*Adel.*

*Postdoctoral Fellow*

E.P. Martin, BA *Qld*, MA *NSW*,  
PhD

**Political Science***Professor*

D.A. Aitkin, MA *NE*, PhD, FASSA

*Professorial Fellows*

T.H.R. Rigby, MA *Melb.*, PhD  
*Lond.*, FASSA



C. A. Hughes, MA *Col.*, PhD  
*Lond.*, FASSA

*Senior Fellows*

D. W. Rawson, MA PhD *Melb.*,  
FASSA  
P. Loveday, BA PhD *Syd.*, FASSA  
R. F. Miller, AB *Mich.*, AM PhD  
*Harv.*

*Senior Research Fellow*

P. M. Weller, MA *Oxf.*, PhD

*Postdoctoral Fellows*

J. L. Warhurst, BA PhD *Flin.*  
P. M. Sawyer, MA PhD

**Sociology**

*Professor*

F. L. Jones, BA *Syd.*, PhD, FASSA

*Professorial Fellow (Education  
Research)*

D. S. Anderson, MA PhD *Melb.*

*Fellow*

J. Higley, BA *Norwich*, MA PhD  
*Conn.*

*Senior Research Fellow*

J. L. Kelley, MA *Camb.*, MA PhD  
*Calif. (Berkeley)*, FAAAS

*Research Fellows*

T. C. Halliday, MA *Massey & Tor.*,  
PhD *Chic.*  
J. M. Barbalet, BA *Flin.*, BA PhD  
*Adel.*

*Visiting Fellows*

Emeritus Professor L. Broom, BS  
AM *Boston*, PhD *Duke*, HonDSc  
*Boston*, FRAL, FASSA  
C. D. Rowley, MA DLitt *Syd.*,  
FASSA  
Emeritus Professor W. D. Borrie,  
CBE, MA *NZ*, HonDLitt *Tas.*,  
HonDSc(Econ) *Syd.*, FASSA

**Statistics**

*Professor and Head of Department*

P. A. P. Moran, MA ScD *Camb.*,  
MA *Oxf.*, DSc *Syd.*, FAA, FRS

*Professor*

E. J. Hannan, BCom *Melb.*, PhD,  
FAA

*Senior Fellows*

D. J. Daley, MA BSc *Melb.*, MA  
PhD *Camb.*  
R. E. Miles, MA PhD *Camb.*

*Fellow*

S. R. Wilson, BSc *Syd.*, PhD

**Australian Dictionary of  
Biography**

*Joint General Editors*

N. B. Nairn, MA *Syd. (Professorial  
Fellow)*

A. G. Serle, BA *Melb.*, DPhil *Oxf.*,  
FAHA, FASSA (*Visiting Fellow\**)

\*Reader in History at *Monash*

*Research Fellow*

C. Cunneen, BA *Ncle(NSW)*, MA  
*Lond.*, PhD

**History of Ideas Unit**

*Professor*

E. Kamenka, BA *Syd.*, PhD,  
FASSA, FAHA

*Professorial Fellow*

R. R. Brown, BA *New Mexico*, PhD  
*Lond.*, FASSA, FAHA

*Senior Fellow*

S. L. Goldberg, BA *Melb.*, BLitt  
*Oxf.*, FAHA

*Senior Research Fellow*

F. Fehér, DiplPhil *E. L. Bud.*,  
DrPhil *Hungarian Acad. Sci.*

**Urban Research Unit**

*Professor*

G. M. Neutze, MAgSc *NZ*, DPhil  
*Oxf.*, FASSA

*Senior Fellow*

P. N. Troy, BE *WAust.*, MTech  
*NSW*, DipTP *Lond.*

*Research Fellows*

H. L. Kendig Jr, AB *Calif. (Davis)*,  
MPlanning PhD *SCalif.*  
I. C. Alexander, MA *WAust.*, MPhil  
*Lond.*

**Private/Public Dichotomy  
Project**

*Research Fellow*

G. F. Gaus, BA *NYState (Buffalo)*,  
MA PhD *Pitt.*

**Director's Section**

Professor A. L. Burns, MA *Melb.*,  
FASSA

**Archives Officer**

M. Saclier, BA *Syd.*

**Business Manager**

P. J. Grimshaw, MBE

# *The School of General Studies*

This list sets out the membership of the staff as at 31 December 1979, but also includes prospective members whose dates of appointment fell shortly thereafter. It has also been possible to include some later changes in senior staff, and omit staff whose resignation became effective prior to the date of publication.

*Deputy Chairman of the Board of the School of General Studies*  
Professor R.StC. Johnson, MA  
DipEd Syd.

---

## The Faculty of Arts

---

### Dean

W.S. Ramson, MANZ, PhD Syd.

### Visiting Fellows

Emeritus Professor L.F. Crisp,  
MA *Adel.* & *Oxf.*  
Emeritus Professor A.D. Hope,  
OBE, BA *Syd.* & *Oxf.*, HonLittD  
*ANU* & *Melb.*, HonDLitt *NE* &  
*Monash*, FAHA

### Classics

#### Head of Department

C.M. Mayrhofer, BA *WAust.* &  
*Camb.*, MA *Camb.*, PhD

#### Professor

R.StC. Johnson, MA DipEd Syd.

#### Readers

K.L. McKay, BA *Syd.* & *Camb.*,  
MA *Camb.*  
B.M. Rawson, BA *Qld.*, MA PhD  
*Bryn Maur Coll.*

#### Senior Lecturers

C.M. Mayrhofer, BA *WAust.* &  
*Camb.*, MA *Camb.*, PhD  
M.A. Moffatt, BA *Melb.*, PhD  
*Lond.*, MA

#### Lecturers

R.W. Barnes, BA *Qld* & *Oxf.*, ThM  
*Harv.*  
D.H. Kelly, MA *Auck.*, BA PhD  
*Camb.*

### Temporary Lecturer

R.J. Edgeworth, BA *Loyola*  
*Univ. Chic.*, AM PhD *Mich.*

### English

#### Professor

J.P. Hardy, BA *Qld* & *Oxf.*, MA  
DPhil *Oxf.*, FAHA

#### Readers

R.F. Brissenden, MA *Syd.*, PhD  
*Leeds*, FAHA  
F.H. Langman, BA *Witu.*  
W.S. Ramson, MA *NZ*, PhD *Syd.*

#### Reader in Medieval Studies

L.J. Downer, MA *Oxf.*, BA LLB  
*Syd.*, FRHistS

#### Senior Lecturers

A.H. Hewitt, MA *Syd.*, BCom  
*Melb.*  
J.M. Benn, MA *Lond.*

#### Lecturers

W.A. Krebs, BA *Qld.*, MA *Leeds*  
G.G. Cullum, BA *Syd.*, MA *LaT*  
L. Dobrez, MA PhD *Adel.*  
D.H. Parker, BA DipEd *Adel.*, BA  
*Flin.*, DPhil *Oxf.*  
M. J. Wright, MA *Oxf.*, PhD *NE*  
J.P. Adamson, BA *Melb.*  
R.F. Pascal, AB *Notre Dame*, MA  
*Virg.*, PhD *Cnell*  
R.N. Jose, DPhil *Oxf.*, BA

#### Lecturer in Fine Art

A.D. Grishin, MA *Melb.*

#### Lecturing Fellow in Medieval Studies

T.S. Brown, MA *Edin.*, PhD *Nott.*

#### Lecturing Fellow in Fine Art

J.R.I. Gray, MA *Melb.*

### Senior Tutors

M. Bettle, BA CertEducn *Camb.*  
P. Allum, BA

### Geography

#### Reader and Head of Department

E. C. Chapman, MA DipEd *Syd.*

#### Senior Lecturers

L. Sternstein, BS *CUNY*, MA  
*Syr.*, PhD  
N.S. McDonald, MSc *NE*, PhD  
*Wis.*

#### Lecturers

P.A. Robins, MA *Camb.*  
K.M. Johnson, MEcon *Qld*  
G.S. Hope, MSc *Melb.*, PhD

#### Temporary Lecturer

B.J. Pillans, BSc

#### Part-time Lecturer

W.P. Packard, MA *NZ*

#### Tutor

L.J. Kidd, BSc *Cant.*, MSc *Lond.*

### Germanic Languages

#### Professor

H. Kuhn, DrPhil *Zür.*

#### Senior Lecturer

M.J. Stoljar, MA PhD *Melb.*

#### Lecturers

C.H. Cull, BA PhD *Qld*  
R. Hillman, BA *Syd.*, PhD DipEd  
*Adel.*

#### Temporary Lecturer

P.A. Schoenborn, DrPhil *Frib.*

#### Senior Tutor

E.A. Langman, BA DipEd *Natal*,  
MA

**History**

*Professor and Head of Department*  
J.N. Molony, STL JCL Pontif. Urb.,  
MA PhD

*Professor*

C.M. Williams, BA Melb., DPhil  
Oxf.

*Manning Clark Professor of*

*Australian History*  
R.A. Gollan, MA Syd., PhD Lond.,  
FAHA

*Readers*

D.W.A. Baker, MA Melb.  
E.C. Fry, BEC BA DipEd Syd.,  
PhD  
D.L. Shineberg, BA PhD Melb.,  
MA Smith Coll.  
H.G. Kinloch, BA Camb., MA PhD  
Yale

*Senior Lecturers*

B.E. Kent, BA Melb. & Oxf., PhD  
I.R. Hancock, BA Melb., BPhil  
Oxf.  
G.R. Bartlett, BA Oxf., PhD  
J.D. Ritchie, BA DipEd Melb., PhD  
B.R. Penny, MA Melb.  
C.C. MacKnight, BA Melb., PhD  
J.H. Tillotson, BA DipEd Oxf.,  
PhD

*Lecturers*

D.E. Gollan, BA Syd., MA  
W.G. Craven, MA Melb.  
J.A. Merritt, MA WAust., PhD

*Lecturer in Women's Studies*

S.M. Magarey, BA DipEd Adel.,  
MA PhD

*Part-time Lecturer*

G.G. Rossiter, DFC, BA WAust.,  
MA Oxf.

*Tutors*

M.J. Birch, BA  
P.K. Moore, BA NSW, PhD Edin.

*Visiting Fellows*

R.J. Banks, BA Syd., PhD Camb.  
G.F. Fairbairn, BA Camb.  
M.R. Booker, BA Syd., FRAI

**Linguistics***Professor*

R.M.W. Dixon, MA Oxf., PhD  
Lond.

*Readers*

K.H.M. Rensch, DrPhil Mün.  
A.C. Wierzbicka, mgr Warsaw, dr  
habil Polish Acad.Sci.

*Senior Lecturer*

T.A. Shopen, BA Swarthmore  
Coll., AM Mich., PhD Calif. (Los  
Angeles)

*Lecturers*

H.J. Koch, BA Wat.Luth., MA  
Wash., AM PhD Harv.  
A.D. Andrews, BA Harv., PhD  
MIT  
W.A. Foley, AB Brown, MA PhD  
Calif. (Berkeley)

*Senior Tutor*

P.J. Rose, MA Manc.

*Honorary Fellow*

C.K. Bliss, AM, DiplIng  
Tech. Univ. Vienna

**Philosophy***Head of Department*

W.J. Ginnane, MA Melb., BPhil  
Oxf.

*Professor*

P. Herbst, MA Melb., BA Oxf.

*Readers*

W.J. Ginnane, MA Melb., BPhil  
Oxf.  
R.J. Campbell, BD MA Syd., DPhil  
Oxf.

*Senior Lecturers*

K. Lycos, BA Syd., BPhil Oxf.  
T.R. Mautner, FK Lund, FL  
Gothenburg  
P. Thom, MA Syd., BPhil Oxf.  
G.M. Lloyd, BA Syd., DPhil  
Oxf.

*Lecturer*

P. Roeper, DrPhilNat Fran., BPhil  
Oxf.

*Temporary Lecturer*

W. Godfrey-Smith, PhD Camb.,  
MA

*Visiting Fellow*

Q.B. Gibson, BA Melb. & Oxf.,  
MA Oxf.

**Political Science***Professor*

J.L. Richardson, BA Syd. & Oxf.

*Readers*

L.J. Hume, MEc Syd., PhD Lond.  
J.A.A. Stockwin, MA Oxf., PhD

*Senior Lecturers*

I.F.H. Wilson, MA Melb., MIA  
Col.  
T.B. Smith, MA Arizona, PhD  
Hawaii

S.C. Bennett, BA Tas., MA  
H.N. Collins, BA WAust., AM PhD  
Harv.

D.M. Adams, BSc(Econ) MSc  
Lond.

*Lecturers*

R.J. Cooksey, BA Syd.  
D.C. Band, BA Syd.  
J. Hart, BA PhD Kent  
J.A. Ballard, AB Dartmouth Coll.,  
JD Harv., AM MALD PhD Tufts

*Senior Tutor*

P.E. Keal, BA Flin., PhD

*Tutors*

K.M. Cole, BA NSW  
G.E. Fry, BCom NSW

**Prehistory and Anthropology***Professor of Anthropology and Head of Department*

J.A.W. Forge, MA Camb.

*Professor of Prehistory*

D.J. Mulvaney, MA Melb., MA  
PhD Camb., FAHA, FSA

*Reader in Prehistory*

I. McBryde, MA Melb., PhD NE,  
DipPrehistArchaeol Camb., FRAI,  
FAHA

*Senior Lecturers*

P.S. Bellwood, MA Camb.  
G. Benjamin, BA PhD Camb.  
C.P. Groves, BSc PhD Lond.  
N. Peterson, BA Camb., PhD Syd.  
F.W. Shawcross, MA Camb.

*Lecturers*

I.S. Farrington, BA Birm., MA  
Lond.  
C. Ifeka, MA PhD Lond.  
M.L. Lyon, AB CNell, MA PhD  
Calif. (Berkeley)  
A. Rosenfeld, BSc Brist., PhD  
Lond.

*Lecturing Fellows*

G.E. Harrison, MA Camb., PhD  
H. Morphy, BSc MPhil Lond.,  
PhD, FRAI  
K.M. Endicott, BA Reed Coll.,  
DipSocAnth BLitt DPhil Oxf., PhD  
Harv. (see also Anthropology,  
RSPacS)

*Senior Tutors*

L.K.M. Haviland, AM PhD Harv.  
J. Urry, BSc Lond., DPhil Oxf.

*Tutor*

K.C. Kefous, BA DipEd Syd., BA

**Visiting Fellows**

Emeritus Professor W.E.H. Stanner, CMG, MA Syd., PhD Lond., HonDLitt, FASSA  
J.A.C. Darling, BA

**Romance Languages**

*Professor of French and Head of Department*  
D.P. Scales, BA Syd., DU Paris, Off. Palmes Académiques

*Senior Lecturers in French*  
J.A. Grieve, BA Belf., MA  
G.J. Halligan, MA NZ, MLitt Camb.

*Senior Lecturer in Italian*  
M.D. Woolf, MA Oxf.

*Lecturer in French*  
V.M. Smith, LesL DES Rennes, DU CAPES Paris

*Lecturer in Italian*  
A. Ravano, Dott.lingue str. Genoa

*Temporary Lecturer in French*  
C.G.H. Mann, DipEd CCAE, DU Montpellier, MA

*Senior Tutor in French*  
J.M. Mayrhofer, LesL DES CAPES Agr d'Anglais Paris

*Senior Tutor in Italian*  
J. Docker, BA Syd.

*Temporary Tutor in French*  
F.M.M. Arundel

**Slavonic Languages**

*Senior Lecturer and Head of Department*  
P.R. Ireland, MA Camb.

*Senior Lecturers*  
M.B. Travers, MA Melb., DipSlavStud Oxf.  
R. Dessaix, MA PhD

*Temporary Lecturers*  
S. Witheridge, MA Melb.  
K.M. Windle, BA Liv., MA McM, PhD McG

**Sociology**

*Professor*  
J. Zubrzycki, CBE, MSc(Econ) Lond., FASSA

*Reader*  
R.G. Cushing, AB Dartmouth Coll., AM PhD Indiana

**Senior Lecturers**

L.J. Saha, BA Notre Dame(Ind.), STL Greg., MA PhD Texas  
H.J. Lally, BEd Qld, MA PhD Minn.

**Lecturers**

A.S. Klovdahl, AB NY, AM PhD Mich.  
O.F. Dent, PhD Brown, MA  
S.K. Mugford, BSc(Soc) Lond., PhD Brist.  
F.W. Lewins, BA McM, PhD LaT

*Research Fellow*  
C.M. Young, BA Adel., PhD

*Lecturing Fellow*  
A.P. Hopkins, PhD Conn., BSc MA

*Senior Tutor*  
P.R. Kringas, BA NSW, MA Car.

*Tutor*  
D.A. Deacon, BA Qld

*Visiting Fellow*  
R.W. Whitrod, BEc MA (until May 1980)

**Aboriginal Studies**

*Convenor*  
N. Peterson  
(see Prehistory and Anthropology)

**Fine Art**

*Lecturer*  
A.D. Grishin  
(see English)

**Human Sciences Program**

*Lecturing Fellow and Leader of Program*  
I.M. Hughes, BA Syd., PhD

*Senior Lecturer*  
J.J.T. Evans, BSc Syd., PhD Harv.

*Senior Tutor (half-time)*  
R.L. Brissenden, BA Melb.

*Tutor*  
C.M. Tychsel, BSc Syd., MSc WOnt.

**Medieval Studies**

*Reader*  
L.J. Downer  
(see English)

**Women's Studies**

*Lecturer*  
S.M. Magarey  
(see History)

**The Faculty of Asian Studies****Dean**

R.R.C. de Crespigny, MA Camb., BA MA(Oriental Studies) PhD

**Asian Civilizations**

*Head of Department*  
J.T.F. Jordens, LicPhil PhD Louvain, DipEd Melb.

**Readers**

S.A.A. Rizvi, MA PhD DLitt Agra, FAHA  
H.H.E. Loofs-Wissowa, DiplLangOr Paris, Dr phil Frib., Chev. Palmes Académiques  
J.T.F. Jordens, LicPhil PhD Louvain, DipEd Melb.

**Senior Lecturers**

R.H.P. Mason, MA Camb., PhD  
K.H.J. Gardiner, BA PhD Lond.  
J.G. Cager, BA Syd. & Lond., PhD  
A.L. Kumar, BA(Oriental Studies) PhD

**Lecturers**

B.J. Terwiel, drs Utrecht, PhD  
C.A. Jeffcott, BA NZ, BA(Oriental Studies) Oxf., PhD  
I.M. Proudfoot, BA(Oriental Studies) PhD

**Chinese****Professor**

T-y. Liu, BA Peking, BA PhD DLit Lond., DipEd HK, HonDLitt Yeung-Nam, FAHA

**Readers**

R.R.C. de Crespigny, MA Camb., BA MA(Oriental Studies) PhD  
P. Ryckmans, LLD PhD Louvain, FAHA

**Senior Lecturers**

B.Y.-p. Hong-Fincher, BA Nat. Taiwan, AM Mich., PhD Indiana  
Y-w. Wong, MA Nat. Taiwan, PhD

**Lecturer**

S. Dyer, MS Georgetown, BA PhD

**Senior Tutor**

A.D-t. Chang, BA Nat. Taiwan, MA(Asian Studies)

**Indonesian Languages and Literatures****Professor**

A.H. Johns, BA PhD Lond., FAHA

**Reader**

S. Soebardi, MA *Indonesia*, PhD

**Senior Lecturers**

S. Santoso, MA *Indonesia*, PhD  
S. Supomo, MA *Gadjah Mada*,  
PhD

**Lecturer**

Y. Johns

**Lecturing Fellow (Thai)**

A.V.N. Diller, BA *Williams Coll.*,  
MA *JohnsH*, PhD *Cnell*

**Tutor (Thai)**

J. Lingard, BA

**Temporary Tutor (Thai)**

V. McFadden

**Japanese****Professor**

A. Alfonso, AM *Mich.*, LicPhil  
DPhil *Pontif. Comillas*

**Senior Lecturers**

T.J. Harper, BA *Mich.State*, AM  
*Stan.*, PhD *Mich.*  
H.C. Quackenbush, AM PhD *Mich.*

**Lecturer**

E.R. Skrzypczak, BA *Xavier(O)*,  
MA *Loyola(III)* & *Sophia*

**Tutor**

S. Ikeda, BA (*Asian Studies*)

**Intensive Japanese Course****Director**

S. Nagara, MA *Hiroshima*, PhD  
*Wis.*

**Temporary Tutors**

Y. Hama, BA *Sophia*  
N. Fujii, BA *Wakayama*, AM *Mich.*

**Linguistics**

(see Faculty of Arts)

**South Asian and Buddhist Studies****Professor**

J.W. de Jong, Dr phil *Ley.*

**Reader**

L.A. Hercus, MA *Oxf.*, PhD,  
FAHA

**Senior Lecturer**

T. Rajapatirana, MA *Ceyl.*, PhD

**Senior Lecturer in Hindi**

R.K. Barz, BA *Arizona*, AM PhD  
*Chic.*

**Senior Tutor in Hindi**

Y.K. Yadav, BA *BEAgra*, MA  
*Alig.*

**The Faculty of Economics****Dean**

A.D. Barton, BCom *Melb.*, PhD  
*Camb.*, FASA

**Accounting and Public Finance****Professor of Accounting and Head of Department**

A.D. Barton, BCom *Melb.*, PhD  
*Camb.*, FASA

**Readers**

M.E. Aiken, MEd *Syd.*, BCom PhD  
*NSW*, AASA (*Senior*), ACIS  
A.J. McHugh, BSc PhD *Syd.*, BA  
*Macq.*, AASA

**Senior Lecturers**

R.G. Bird, MEd *Monash*, AASA  
D.A. Shand, BCom *BCA Well.*,  
AASA, ACANZ

**Lecturers**

P.B. Jubb, MA *Oxf.*, ACA  
B. Pollock, BA *Macq.*, AASA  
R.P. Albon, BEC *LaT*, DipEd  
*Monash*, MEd

**Senior Tutor**

M.S. McCrae, BCom DipEd *Melb.*,  
MEC *WAust.*, AASA

**Tutor**

P.J. Mason, BEC, AASA

**Temporary Tutor**

M.E. Daw

**Economic History****Professor**

G.S.L. Tucker, BCom *Melb.*, PhD  
*Camb.*, FASSA

**Reader**

C. Forster, BCom *Melb.*, PhD

**Senior Lecturers**

R.V. Jackson, BEC PhD *Syd.*  
S.H. Cornish, BEC *WAust.*

**Lecturers**

A. Martina, BCom *Rhodes*, MA  
*Essex*, PhD  
J.E.S. Gagg, BA *Manc.*  
H.M. Boot, BSc(Econ) *Lond.*, PhD  
*Hull*

**Economics****Professor and Head of Department**

S.J. Turnovsky, MA *Well.*, PhD  
*Harv.*, FASSA

**Professor**

J.D. Pitchford, MCom *Tas.*, PhD,  
FASSA

**Readers**

P.K. Trivedi, BSc(Econ) MSc PhD  
*Lond.*

P.D. Drysdale, BA *NE*, PhD

**Senior Lecturers**

A.H. Chisholm, MAgSc *NZ*, PhD  
J.G. Logan, BCom *NSW*  
C.G. Fane, BA *Oxf.*, PhD *Harv.*  
P.L. Swan, PhD *Monash*, BEC  
N.V. Long, BEC *LaT*, PhD  
N.J. Vousden, BA PhD  
S.C. Bambrick, BEcon *Qld*, PhD

**Lecturers**

R.C. Cornes, MSc *Ston*  
E. Sieper, BEC *Syd.*  
M.R. Gray, MA *Essex*

**Lecturing Fellow**

F. Milne, MEd *Monash*, PhD

**Senior Tutors**

M.G. Kirby, BEC *Syd.*, MEd  
J.M. Selby-Smith, BCom *Melb.*,  
MEd

**Statistics****Professor (Econometrics) and Head of Department**

R.D. Terrell, BEC *Adel.*, PhD

**Professor (Mathematical Statistics)**

C.R. Heathcote, BA *WAust.*, MA  
*Melb.*, PhD

**Reader**

R.P. Byron, MEd *WAust.*, PhD  
*Lond.*

**Senior Lecturers**

S. John, BSc *Trav.*, MSc *Kerala*,  
PhD *Indian Stat. Inst.*  
P. Winer, BSc *Witw.*  
J.H.T. Morgan, BA *Camb.*, MS  
*Case Western Reserve*  
D.F. Nicholls, BSc *NE*, MSc PhD  
T.J. Valentine, BEC *Syd.*, MA PhD  
*Prin.*

A.R. Pagan, BEcon *Qld*, PhD

**Lecturers**

T.J. O'Neill, BSc *Adel.*, MS PhD  
*Stan.*  
P.G. Hall, BSc *Syd.*, DPhil *Oxf.*,  
MSc  
W.T.M. Dunsmuir, BSc *LaT*, PhD

**Lecturing Fellow**

A.D. Hall, BEC *Adel.*, PhD *Lond.*,  
MEd

### Administrative Studies Program

Professor A.D. Barton (as Dean,  
Faculty of Economics)

### Centre for Research on Federal Financial Relations

#### Director

Professor R.L. Mathews, CBE,  
BCom *Melb.*, FASSA

#### Senior Research Fellows

R.K. Dar, MA *Delhi*  
R.A. McLarty, BA *Qu.*

### The Faculty of Law

#### Dean

Professor D.W. Greig, LLB MA  
*Camb.*, LLD, Barrister *Middle Temple*

#### Robert Garran Professor

L.R. Zines, LLB *Syd.*, LLM *Harv.*,  
Barrister-at-Law *NSW*, Barrister  
and Solicitor *ACT*

#### Professors

D.J. Whalan, LLM *NZ*, PhD *Otago*,  
Barrister and Solicitor *NZ*  
D.W. Greig, LLB MA *Camb.*,

LLD, Barrister *Middle Temple*  
A.D. Hamblly, LLB *Melb.*, LLM  
*Harv.*, Barrister and Solicitor *Vic.*  
& *ACT*

#### Readers

J.L.R. Davis, BA LLB *NZ*, LLB  
DipComparLegalStud *Camb.*,  
Barrister and Solicitor *NZ* & *Vic.*  
D.C. Pearce, LLB *Adel.*, LLM  
PhD, Barrister and Solicitor *SAust.*  
& *ACT*

D. O'Connor, BA LLB *Syd.*, LLM  
PhD *Lond.*, Barrister-at-Law  
*NSW*, Barrister and Solicitor *ACT*  
D.W. Smith, BCom LLB *Melb.*,  
Barrister-at-Law *NSW*, Barrister  
and Solicitor *ACT*  
J.L. Goldring, BA LLB *Syd.*, LLM  
*Col.*, Solicitor *NSW*, Barrister and  
Solicitor *PNG* & *ACT*

#### Senior Lecturers

D.L. Pape, BSc SA, LLB *Natal*,  
Barrister-at-Law *Natal*  
F. Rinaldi, MA *WAust.*, LLB *Qld*,  
Barrister-at-Law *Qld*  
P.K. Waight, LLM *Mich.*, LLB,  
Barrister and Solicitor *Vic.* & *PNG*  
D.E. Fisher, MA LLB PhD *Edin.*,

#### Solicitor *Scotland*

G.J. Lindell, LLM *Adel.*, Barrister  
and Solicitor *SAust.* & *ACT*  
W.R. Edeson, LLB *WAust.*, LLM  
*Monash*

R. Burnett, LLB *NZ*, LLM *Well.*,  
Barrister and Solicitor *NZ*  
C.J.H. Thomson, BA LLM *Syd.*,  
Solicitor *NSW*, Barrister and  
Solicitor *ACT*  
P.D. Finn, BA LLB *Qld*, LLM  
*Lond.*, PhD *Camb.*, Barrister-  
at-Law *Qld*  
G.D. de Q. Walker, LLB *Syd.*, SJD  
*Penn.*, Barrister-at-Law *NSW*,  
Barrister and Solicitor *ACT*,  
*Solomon Islands* & *New Hebrides*  
J.-P.L. Fonteyne, Cand DrJur  
*Ghent*, LLM *Virg.*  
D.F. Partlett, LLB *Syd.*, LLM  
*Virg.* & *Mich.*, Solicitor *NSW*

#### Lecturers

R.S. Geddes, LLM, Barrister and  
Solicitor *ACT*  
P.M. Singh, BA LLB *Agra*,  
LLM *Delhi* & *Harv.*  
C.J. Rowland, BA LLB *Natal*  
P.H. Clarke, LLB *WAust.*, LLM  
*Auck.*, Barrister and Solicitor  
*WAust.*  
N.C. Serdon, LLB *Melb.*, BPhil  
*Oxf.*, Barrister and Solicitor *Vic.*  
N.A. Gunningham, LLB MA *Sheff.*,  
Solicitor *Eng.* & *Wales*  
H.E.C. Gamble, LLM, Barrister-  
at-Law *NSW*, Barrister and  
Solicitor *ACT*  
R.L. Hamilton, LLMO. *Hall*, BA  
LLB, Barrister-at-Law *NSW*,  
Barrister and Solicitor *ACT*  
M.O. Head, BJuris LLB *Monash*,  
LLM *Col.*

#### Senior Tutors

G.A. Rumble, BA LLB, Solicitor  
*NSW*, Barrister and Solicitor *ACT*  
G.E. Morris, BA LLB *Syd.*, LLM  
*Melb.*, Barrister-at-Law *NSW*  
P.C. Weeks, BA LLB

#### Visiting Fellow

L.J. Curtis, BSc LLB *Melb.*

#### Honorary Fellow

His Excellency Emeritus Professor  
Sir Zelman Cowan, AK, CMG, QC,  
BA LLM *Melb.*, MA DCL *Oxf.*,  
HonLLD *HK*, *Qld* & *Melb.*,  
FASSA, FRSA, FACE, Barrister-  
at-Law *Gray's Inn*, *Vic.* & *Qld*

### Legal Workshop

#### Director

K.F. O'Leary, LLB *Syd.*,  
Barrister-at-Law *NSW*, Barrister  
and Solicitor *ACT* & *PNG*

#### Assistant Director

A.E. Hogan, LLB *Syd.*, Barrister-  
at-Law *NSW*, Barrister and  
Solicitor *ACT*

#### Senior Instructor

R.J. Ennis, LLB *Syd.*, Solicitor  
*NSW* & *ACT*

### The Faculty of Science

#### Dean

K.S.W. Campbell, MSc PhD *Qld*

### Applied Mathematics

#### Professor

A. Brown, MA *Glas.*, PhD *Camb.*

#### Reader

J.E. Drummond, MSc *NZ*, BA  
*Camb.*

#### Senior Lecturers

S.M.A. Meggitt, MA *Oxf.*, MSc  
*Natal*, PhD  
D.T. Wickramasinghe, MA PhD  
*Camb.*

#### Lecturer

H.F. Petersons, MSc PhD *Syd.*

#### Temporary Lecturers

D.B. Stewart-Richardson, BSc  
*Syd.*, MSc *NE*  
W.P. Healy, BSc PhD *Lond.*

#### Temporary Tutor

G.M. D'Este, BSc

### Biochemistry

#### Professor

J.F. Williams, MSc PhD *NSW*,  
FRACI

#### Readers

F.L. Bygrave, BSc *NZ*, MSc *Otago*,  
PhD *Qld*, DSc  
P.R. Stewart, BAgSc PhD *Melb.*

#### Senior Lecturers

L. Dalgarno, BAgSc PhD *Melb.*  
M.J. Weidemann, BAgSc PhD *Melb.*  
A.J. Howells, BAgSc PhD *Melb.*

#### Lecturers

R.C. Weir, BSc *Adel.*, PhD *Lond.*  
G.D. Smith, MSc PhD *Melb.*

**Senior Tutor**R. W. Boulton, BSc PhD *Monash***Tutor (half-time)**H. G. Waldron, BSc *Qld***NHMRC Senior Research Officer**W. M. Taylor, BSc *Melb.*, PhD  
*Monash***Research Fellow**K. C. Reed, MSc *Melb.*, PhD**Botany****Professor**J. Warren Wilson, MA DPhil DSc  
*Oxf.*, FIBiol**Reader**D. M. Paton, BSc PhD *Tas.***Senior Lecturers**J. A. Carnahan, MSc PhD *NZ*E. G. Brittain, BSc PhD *Melb.*G. A. Chilvers, BScAgr *Syd.*, PhDM. I. Whitecross, MSc *Qld.*, PhD *Syd.*M. J. Aston, MScAgr *Syd.*, PhD

C. J. (Davis)

P. M. Gresshoff, BSc *Alta.*, PhD**Senior Tutor**

G. B. Peters, BSc PhD

**Temporary Senior Tutor**C. G. Blunt, BAgSc *Qld* (until March  
1980)**Visiting Fellows**R. F. Williams, BSc *WAust.*, DSc  
*Adel.*Emeritus Professor W. Hayes, BA  
MB BCh ScD HonLLD *Dub.*,  
HonDSc *Leic.*, *Kent & NUI*, FRCPI,  
FAA, FRS**Chemistry****Professor and Head of Department**R. N. Warriner, MSc *Syd.*, PhD  
*NSW*, FRACI (Organic Chemistry)**Professor**I. G. Ross, MSc *Syd.*, PhD *Lond.*,  
FRACI, FAA (Physical Chemistry)**Associate Professor**W. D. L. Crow, PhD *Sheff.*, DSc *Syd.*,  
FRACI (Organic Chemistry)**Readers**J. H. Bradbury, PhD *Birm.*, DSc  
*Melb.*, FRACI (Physical Chemistry)J. A. Broomhead, MSc *Syd.*, PhD,  
FRACI (Inorganic Chemistry)J. A. Elix, BSc PhD *Adel.*, DSc  
(Organic Chemistry)B. K. Selinger, MSc *Syd.*, DrRerNat*Stuttgart*, FRACI (Physical  
Chemistry)**Senior Lecturers**N. S. Gill, MSc PhD *Syd.* (Inorganic  
Chemistry)D. L. Scott, BSc PhD *Tas.* (Inorganic  
Chemistry)N. J. Daly, BSc PhD *WAust.* (Physical  
Chemistry)M. Rasmussen, MSc PhD *Syd.*  
(Organic Chemistry)**Senior Tutor**M. Sterns, MSc PhD *Melb.***ARGC Research Fellow**S. Yoshida, BAgSc PhD *Tokyo***Visiting Fellow**R. A. Russell, BSc *Tas.*, PhD**Computer Science****Professor**R. P. Brent, BSc *Monash*, MS PhD  
*Stan.***Reader**R. A. Jarvis, BE PhD *WAust.***Senior Lecturers**B. P. Molinari, BE *WAust.*, PhD  
*Camb.*R. B. Stanton, BE PhD *NSW***Lecturers**P. N. Creasy, BSc *Adel.*A. J. Hurst, BSc BE *Adel.*, PhD  
*NSW***Lecturing Fellow**J. M. Robson, MSc MA *Oxf.***Tutors**R. R. Ewin, BSc *Monash*

G. I. Huston, BSc

**Forestry****Professor and Head of Department**D. M. Griffin, MA PhD ScD *Camb.*,  
FRSA**Professor**E. P. Bachelard, BScF *Melb.*, MF  
PhD *Yale***Readers**L. T. Carron, DipFor *AFS*, MScFor  
*Qld*, DipFor *Oxf.*, PhD, FIFAW. A. Heather, DipFor *AFS*,  
BScFor MSc *Syd.*, PhDR. G. Florence, MScFor *Qld*, PhD  
*Syd.*I. S. Ferguson, DipFor *AFS*, BScF  
*Melb.*, DF *Yale***Senior Lecturers**M. T. Tanton, BSc ARCS PhD DIC:  
*Lond.*K. W. Groves, BSc *Wales*, MSc  
K. R. Shepherd, BScFor *Syd.*, PhD)  
*Melb.*D. M. Stodart, BE *Adel.*, MS *Texas*G. B. Wood, BScFor *Qld*, DipFor  
*Oxf.*, PhD**Lecturers**E. D. Parkes, BAgSc *NZ*, MAgrSc  
*Cant.*M. U. Slee, MA *Oxf.*, MSc PhD

J. C. G. Banks, BSc (Forestry) MSc:

**Senior Tutors**

P. J. Wright, BSc (Forestry)

E. J. Hayden, BSc *Melb.*, MSc

M. P. Dawson, BSc (Forestry)

**Tutor**

J. F. Wilkes, BSc (Forestry)

**Visiting Fellows**W. E. Hillis, DSc *Melb.*, FRACIEmeritus Professor L. D. Pryor,  
DSc *Adel.*, DipFor *AFS***Geology****Head of Department**K. S. W. Campbell, MSc PhD *Qld***Professor**D. A. Brown, MSc *NZ*, PhD DIC  
*Lond.*, FGS, FGSA**Readers**K. S. W. Campbell, MSc PhD *Qld*K. A. W. Crook, MSc *Syd.*, PhD  
*NE*, BAM. J. Rickard, BSc ARCS PhD DIC:  
*Lond.*B. W. Chappell, MSc *NE*, PhD**Senior Lecturers**R. A. Eggleton, BSc *Adel.*, PhD**Wis.**J. A. McDonald, MSc *Manit.*, PhD  
*Wis.***Temporary Lecturer**C. J. Jenkins, BSc *Syd.*, PhD *Camb.***Lecturing Fellow**W. E. Cameron, MSc *Melb.*, PhD  
*Camb.***Senior Tutor**D. A. Feary, MSc *Auck.***ARGC Research Associate**B. A. Duff, PhD *Leeds*, BSc**Human Sciences Program**

(see Faculty of Arts)

**Mathematics**

(see Applied Mathematics and also Pure Mathematics)

**Physics***Professor*

S. Hinds, BSc PhD *Liv.*

*Readers*

A.J. Mortlock, MSc *Syd.*, PhD

*Rdg*, FAIP

R.J. Sandeman, BSc *Adel.*, MSc *Melb.*, PhD *Camb.*

H.G. Hornung, BE MEngSc *Melb.*, PhD *Lond.*

R.J. MacDonald, BSc PhD *NSW*

*Senior Lecturers*

L. O. Brown, MSc *NZ*, PhD *Edin.*

C.E. Dahlstrom, MA *Sask.*, PhD *McG*

M.M. Gore, BSc PhD *Leeds*

A.M. Baxter, MSc PhD *Melb.*

*Lecturer*

M.J. Eckart, AB *Calif.* (*Berkeley*), PhD *Harv.*

*Senior Tutor*

P.J. Martin, BSc *Aston*, PhD

ARGC *Research Associate*

I.M. Vardavas, BSc PhD *Syd.*, FRAS

**Psychology***Professor*

W.A. Scott, BS *New Mexico*, MS PhD *Mich.*, FAPsS, FASSA

*Associate Professors*

P. Pentony, MA *WAust.*

G.N. Seagram, BA *Lond.*, MSc *Melb.*

*Reader*

M.R. Middleton, MA *Adel.*, PhD *WAust.*

*Senior Lecturers*

J.R. Trotter, BA *Rdg*, DPhil *Oxf.*

W.H. Gladstones, MA *WAust.*, PhD *Tufts*

M.L. Cook, BSc *Manc.*, MSc PhD

W.P. Bellingham, BA *Calif.* (*Los Angeles*), PhD *New Mexico*

D.G. Byrne, BA PhD *Adel.*

*Lecturers*

R.K. Darroch, BA *Carleton*

*Coll. (Minn.)*, MA PhD *Ill.*

M.J. Chen, MSc *Nat. Taiwan*, PhD *Syd.*

*Senior Tutors*

L.C. Jones, BS *Texas (El Paso)*

J. Holman, BA *Syd.*, MA PhD

*Kansas*

*Tutors*

V.A. Braithwaite, BA *Qld*

A.N.E. Fugler, BA *Well.*, MSocSc *Waik.*

**Pure Mathematics***Head of Department*

N.F. Smythe, BSc *NSW*, PhD *Prin.*

*Professor*

N.S. Trudinger, BSc *NE*, MS PhD *Stan.*, FAA

*Senior Lecturers*

P.J. Cossey, BSc *Qld*, PhD

M.A. Ward, BSc *Melb.*, BA PhD

R.A. Bryce, MSc *Qld*, PhD

N.F. Smythe, BSc *NSW*, PhD

*Prin.*

T.K. Donaldson, BS *Kentucky*, SM PhD *Chic.*

A. Howe, BSc *NE*, PhD

R.J. Loy, BSc *Melb.*, MSc PhD *Monash*

*Lecturer*

J.E. Hutchinson, BSc *NSW*, MSc PhD *Stan.*

*Temporary Lecturer*

G.W. Riley, BSc *WAust.*, MSc PhD *Warw.*

*Lecturing Fellow*

J.G. Oxley, BSc *Tas.*, DPhil *Oxf.*, MSc (see also Maths, RSPHysS)

*Senior Tutor*

J.D. Cresp, BSc *WAust.*, PhD

*Ncle (UK)*

**Theoretical Physics***Professor*

H.A. Buchdahl, ARCS, DSc *Lond.*, FAA

*Senior Lecturers*

M. Andrews, MSc *Qld*, PhD *Birm.*

B. Davies, BSc PhD *NSW*

(seconded from Applied Maths, SGS)

**Zoology***Professor*

S.A. Barnett, MA *Oxf.*

*Readers*

W.L. Nicholas, BSc PhD *Liv.*

C. Bryant, MSc PhD *Lond.*

J.R.T. Short, BSc *WAust.*, DPhil *Oxf.*, DSc *Aberd.*

*Senior Lecturers*

R.E. Barwick, MSc *NZ*, PhD

V.A.P. Harris, BSc PhD *Lond.*

P.A. Janssens, BSc PhD *Sheff.*

T.G. Marples, MSc *NZ*, PhD *Georgia*

M.J. Howell, BSc *NZ*, MSc *Well.*, PhD

D.C.D. Happold, MA *Camb.*, PhD *Alta*

*Senior Tutors*

P.L. Horn, BS *DVM Mich. State*, PhD *Calif. (Davis)*

S.C. Tidemann, BSc *Adel.*

L.S. Danckwerts, BSc *Syd.*, PhD *NSW*

**National Nuclear Magnetic Resonance Centre***Head*

A.J. Jones, BA *Keele*, MSc *Birm.*, PhD *Monash*

**Business Manager**

H.A. Jones, AASA

**Centre for Resource and Environmental Studies***Director*

Professor G.H. Taylor, MSc *Adel.*, Dr *Rer. Nat Bonn*, DSc *Melb.*

*Professor*

S.F. Harris, BEc *Syd.*, PhD

*Professorial Fellows*

P.C. Young, BTech MSc *Lough.*, MA PhD *Camb.*

S.V. Boyden, BSc (VetSci) *Lond.*, PhD *Camb.*, MRCVS, FAA

*Senior Fellow*

D.I. Smith, BSc *Lond.*, MSc *McG*

*Senior Research Fellow*

B. Smith, MA *Aberd.*

*Research Fellows*

K.J. Newcombe, BSc *Tas.*, PhD

H.D.W. Saddleir, BSc *Adel.*, PhD *Camb.*

C.E.B. Conybeare, MSc *Alta*, PhD *Wash. State*, FGSA

A.J. Jakeman, BSc *NSW*, PhD

T. Beer, BSc *Syd.*, MSc *Cant.*, PhD *WOnt.*, FRMetS

*Visiting Fellows*

H.C. Coombs, MA *WAust.*, PhD *Lond.*, HonDLitt *WAust.*, HonLLD

*Melb. Syd. & ANU*, FAHA, FASSA, FAA



A. B. Costin, DScAgr *Syd.*  
M. M. Brandl, BA DipEd *Tas.*,  
BESt *Qld*, PhD *WAust.*

*Secretary/Manager*  
H. S. Littlewood, BA *PNG*

---

### Humanities Research Centre

---

*Director*  
Professor C. I. E. Donaldson, BA  
*Melb.*, MA *Oxf.*, FAHA

*Research Fellow*  
J. C. Eade, MA *StAnd.* & *Adel.*,  
PhD

---

### North Australia Research Unit

---

*Director*  
F. H. Bauer, MA *Calif. (Berkeley)*,  
PhD

*Research Fellow*  
G. Pickup, BA *Ncle(UK)*, PhD *Syd.*

---

### Centre for Continuing Education

---

*Director*  
C. Duke, MA CertEd *Camb.*, PhD  
*Lond.*

*Reader*  
N. F. Haines, BA PhD DipEd *Lond.*

*Senior Lecturer and Deputy Director*  
A. T. Davies, BSc PhD DipEd  
*Melb.*

*Lecturers*  
A. D. Crombie, BA *Rdg*, BPhil  
*York(UK)*, PhD  
G. T. Caldwell, BA *Syd.*, MA *Calg.*,  
PhD

M. Emery, BA *NE*

*Visiting Fellow*  
E. A. Sommerlad, BA *Syd.*, PhD

---

### Office for Research in Academic Methods

---

*Director*  
A. H. Miller, BSc DipEd *Syd.*, BA  
*NE*

*Lecturer*  
J. A. Slee, BA PhD

*Research Fellow*  
D. A. Watkins, BSc *Syd.*, MSc  
*Melb.*

*Visiting Fellow*  
H. M. Adams, MA *Oxf.*

---

### Survey Research Centre

---

*Director (Senior Fellow)*  
K. R. W. Brewer, ARCS MSc  
*Lond.*, BA *Melb.*, MEd

*Research Fellow*  
R. G. Jones, BSc *Liv.*, MSc *Warw.*  
& *Ston*

*Visiting Fellow*  
M. G. Santow, BSc *Syd.*, PhD

---

### NHMRC Social Psychiatry Research Unit

---

*Director*  
A. S. Henderson, MD ChB *Aberd.*,  
DPM *Lond.*, FRACP, MRCP

*Senior Research Fellows*  
P. Duncan-Jones, MA *Camb.* &  
*Oxf.*  
R. A. Finlay-Jones, MB BS PhD  
*WAust.*, DPM *Lond.*

*Visiting Fellows*  
W. E. Mickleburgh, BSc MB ChB  
*Aberd.*, DPM *Melb.*  
H. M. Whyte, BSc MB BS *Qld*,  
DPhil *Oxf.*, FRCP, FRACP

---

### Health Research Project

---

*Senior Research Fellow*  
J. S. Deeble, BCom PhD *Melb.*

*Research Fellows*  
P. M. Tatchell, BA MSocSci DPhil  
*Waik.*  
D. R. Harvey, BSc *Qld*, MEd  
*Monash*

---

### Senior Library Staff

---

*Librarian*  
M. G. Simms, BA BEd *WAust.*,  
ALAA

*Deputy Librarian*  
C. R. Steele, MA *Liv.*, DipLib  
*Lond.*, ALA, ALAA

*Divisional Librarian (Social Sciences and Humanities)*  
R. Perry, MA *Camb.*, BA  
DipLibStud *Belf.*, ALA

*Divisional Librarian (Asian Studies)*  
E. Bishop, BA *Melb.*, MS *Col.*,  
ALAA

*Divisional Librarian (Science)*  
C. M. James, BA *Melb.*, ALAA

*Divisional Librarian (Technical Services)*  
J. R. Anderson, BA *James Cook*,  
ALAA

*Divisional Librarian (Undergraduate Services)*  
S. A. Brudenall, BA *WAust.*, ALAA

*Deputy Asian Studies Librarian*  
Y.-S. Chan, BA *Chinese HK*, BSLS  
*Ott.*, MA *NCarolina*

*Deputy Science Librarian*  
M. J. Evans, BSc (Eng) *Lond.*,  
DipLib *CCA*, ALAA

*Deputy Technical Services Librarian*  
E. E. Cook, BA *Syd.*, ALAA

*Deputy Undergraduate Services Librarian*  
D. J. Volker, BA *MLS BrCol.*

*Senior Librarians*  
M. J. Woolcock, BA *Qld*, ALAA  
(*Cataloguing*)

K. Britcliffe, BA *Tas.* & *ANU*,  
ALAA (*Humanities*)  
E. F. Kunz, DrPhil *Bud.*, MA *Syd.*,  
ALAA (*Reader Services, Menzies*)  
D. A. McGrath, BA *Syd.*, MA  
*Macq.*, DipLib *NSW*, ALAA (*Social Sciences*)

E. J. Heinrich, BA DipEd *Adel.*,  
ALAA (*Staff Training and Development*)

M. H. McAleese, BA *Monash*,  
DipLib *NSW*, LLB (*Law*)  
W. G. Miller, BA *Syd.*, MA *Hull*,  
DipLib *NSW* ALAA (*South-East Asian Studies*)

A. K. Ray, BA *Calc.*, MA, ALA  
(*South Asian Studies*)

M. L. Saville, BA *PNG*, ALAA  
(*Reader Services, Life Sciences*)  
R. J. Leadbetter, AB *Gonzaga*  
(*Cataloguing*)

A. Baylis, BA *Qld*  
(*Bibliographical Control Unit*)

*Business Officer*  
A. R. Bunsell, BAppSc *CCA*,  
AASA

*Systems Programmer*  
C. A. H. Ashcroft

**Library Fellow**

Emeritus Professor C.M.H. Clark,  
AC, MA HonLittD *Melb.*, FAHA,  
FASSA

**Computer Services  
Centre***Director*

R. R. Landford, BCom *Qld*, AAUQ

*Principal Programmer*

J. W. Erpf, BE DipInfmProc *Qld*

*Network Co-ordinator*

A. J. Mortimer, BE MEngSc  
DipCompSc *Qld*

*Operations Supervisor*

M. M. Brinkley

*Management Services Officer*

I. K. Macnicol, BA *Hawaii*

*DPU Supervisor*

S. Darius

**Department of the  
Vice-Chancellor**

(Formerly known as the  
*Vice-Chancellor's Computing  
Research Group.*)

*Head*

Vice-Chancellor

*Professorial Fellow*

M. R. Osborne, BA *Melb.*, PhD  
*Lond.*

*Senior Fellow*

R. O. Watts, BSc *Lond.*, PhD

*Fellow*

J. B. Millar, BSc *Liv.*, PhD *Keele*

*Research Fellows*

D. J. Evans, BSc *Syd.*, PhD (see also  
Electron and Ion Diffusion Unit,  
RSPHysS)

L. T. Sin Fai Lam, BSc PhD *Durh.*  
(see also Electron and Ion Diffusion  
Unit, RSPHysS)

*Academic Assistant to the  
Vice-Chancellor (for 1980)*

M. Rudner, MA *McG*, BLitt *Oxf.*,  
PhD *Hebrew Jerusalem*

**Instructional Resources Unit***Director*

C. A. Clark, BD *Lond.*, ThL  
*Aust. Theol. Coll.*

*Officer-in-charge Media Services*

A. L. Jurd

*Officer-in-charge Photographic  
Services*

R. L. C. Cooper

**Australian National University  
Press***Director*

B. Clouston, BCom *Qld*

*Editor*

P. Croft, BA *Syd.*

**Graphic Design***Graphic Designer*

A. J. Young, MSiAD

**University Counsellors***Careers and Appointments Unit*

B. P. Duncan, BA *Syd.*

*Communication and Study Skills  
Unit*

J. J. Clanchy, MA DipEd *Melb.*

B. A. Ballard, MA *Oxf.*, MAT  
*Harv.*

J. R. Taffe, BA *Monash*, MSc *Melb.*

*Counselling Unit*

L. M. Bailey, BA *Syd.*, CertEd  
*Lond.*, MA

M. H. Evans, BA *NZ*, DipPsych  
*Lond.*

D. H. Judge, BA *Qld*

*Part-time and Mature-age Studies  
Unit*

G. W. Mortimore, BA BPhil *Oxf.*

**University Health Service***Director*

S. B. Furnass, MA DM *Oxf.*,  
FRCP, FRACP

*Assistant Physician*

J. Leigh, MB ChB *Manc.*

*Part-time Physicians*

R. Jenkins, MB BS *Syd.*

P. J. McCullagh, MD BS *Melb.*,  
DPhil *Oxf.*, MRCP

**University Union***Executive Officer*

A. Senti

**University Residences****University House***Master*

Emeritus Professor R. W. V.

Elliott, MA *StAnd. & Adel.*, FAHA

**Bruce Hall***Warden*

W. P. Packard, MA *NZ*

**Burton Hall***Warden*

G. G. Rossiter, DFC, BA *WAust.*,  
MA *Oxf.*

**Garran Hall***Deputy Warden*

H. M. Boot, BSc(Econ) *Lond.*, PhD  
*Hull*

**\*Graduate House****\*Toad Hall**

\*These halls are in the charge of  
their respective Governing Bodies  
and do not have Wardens.

**Affiliated Colleges****John XXIII College**

(Established on behalf of the  
Roman Catholic Church by the  
Dominican Fathers and affiliated  
with the University.)

*Master*

Father T. P. Fitzgerald, OP, BA  
*Melb.*

**Ursula College**

(Established on behalf of the Roman Catholic Church by the Ursuline Nuns and affiliated with the University.)

*Principal*

Sister M. A. Cooney, OSU, BA  
DipPhy Qld, MSS Greg. (*Regina Mundi*)

**Burgmann College**

(Established under the auspices of the Church of England in Australia, the Uniting Church in Australia, the Presbyterian Church of Australia, the Baptist Union of Australia and the Churches of Christ in Australia; and affiliated with the University.)

*Master*

T. J. Wigney, BA DipEd Syd., EdM  
*Harv.*

---

**Senior Administrative Staff**

---

**Office of the Registrar***Assistant Registrars*

M. G. C. Bouquet, BA DipEd Syd.  
J. D. Brocklehurst, BA  
J. Flecknoe, MA *Otago*  
E. O. R. Helgeby, Cand jur *Oslo*, BA  
G. L. Hutchens, BEcon *Qld*  
P. M. White, BA *Melb.*

*Senior Graduate Assistants*

P. K. Brown, BA  
J. A. Bruce, BA (*Asian Studies*)  
B. R. Davis, BA *Syd.*  
A. C. Dodd, BEc *Syd.*  
D. A. Glenn, BEc  
R. M. Hickman, MA *Camb.*  
C. R. Johnson, BA  
P. H. Kitney, BA  
E. M. Krebs, BA *Qld*  
H. S. Littlewood, BA *PNG*  
D. I. McAlpin  
L. C. Parke, MA *StAnd.*  
P. M. Richardson, BA *Syd.*  
M. B. Wyllie, BA *Syd.*

*Examinations Officer*

R. J. Crooks

**Office of the Bursar***Accountant*

Vacant

*Assistant Accountants*

J. Tyler, BA, AASA  
T. Grincelis, AASA (*Senior*), ASTC

*Budget Officer*

J. A. Brayshaw, AASA

*Internal Auditor*

D. Bingley, BEc, ACA

*Housing Officer*

P. G. Wilson

**Office of the Secretary***Assistant Registrar*

A. A. Burnett, BA *NZ*, MA *Oxf.*

*Staff Officer*

D. H. Gill, BA *Tas.*

*Co-ordinator, University Information*

J. G. P. Jones

*Co-ordinator, Community Affairs*

N. D. Gray, BA *Monash*,  
DipPhysEd *Melb.*

*Statistical Officer*

P. B. Telford, BScFor *Qld*, BA

*Executive Officer*

E. C. de Totth, MA *WAust.*

**Office of the Head, Buildings and Grounds***Assistant Registrar (Development)*

Vacant

*Chief Engineer*

Vacant