

ANU Reporter



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Display for ANU Observatory

Siding Spring Mountain near Coonabarabran, New South Wales, site of the University's Observatory which has been closed to the public for the past four years during construction of the huge Anglo-Australian Telescope, is now open again. To encourage people to visit Siding Spring, ANU has mounted a major and permanent exhibition on astronomy at the Observatory to be inaugurated on Friday 6 December.

Entitled 'Exploring the universe', it is the only exhibition in Australia covering all aspects of contemporary astronomy. It is intended as an introduction for people of all ages to the science and technology behind man's quest for knowledge and understanding of the universe.

'Exploring the universe' is expected to become an education and tourist attraction for people from all over Australia. Siding Spring Observatory is only about 27 kilometres (a 45-minute drive) off one of the main tourist roads through central New South Wales. It is set 1100 metres above sea level in the Warrumbungle National Park.

The exhibition is housed in a building erected specially for it and covers a floor area of more than 200 square metres. Apart from easy-to-read script, photographs, diagrams and audio-visual illustrations, the exhibition includes six visitor-activated working models, one of them a scale version of the recently-opened 3.9-metre Anglo-Australian Telescope.

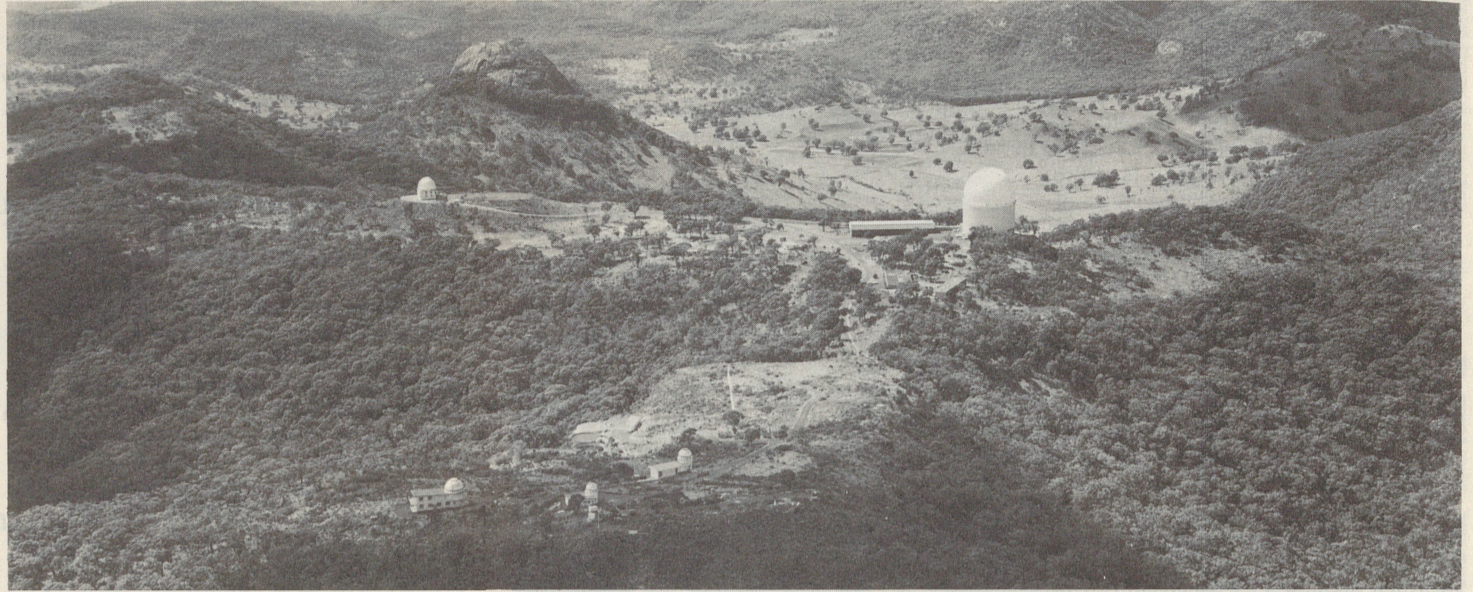
'Exploring the universe' has been mounted by the University's Graphic Design Unit in consultation with astronomers in the Department of Astronomy.

The exhibition has been named 'Exploring the universe' to reflect the belief that the

VICE-CHANCELLOR NOMINATIONS CALL

The Vice-Chancellorship will become vacant in February 1975 when Dr R.M. Williams leaves to take up an appointment in New Zealand.

The Chancellor, Dr H.C. Coombs, invites suggestions of names of women or men with appropriate experience and qualifications who might be considered for the post, or enquiries from any persons who might themselves wish to be considered. Letters should reach the Chancellor by 16 December 1974 at Box 4, P.O., Canberra, A.C.T., 2600. All enquiries and suggestions will be received in confidence.



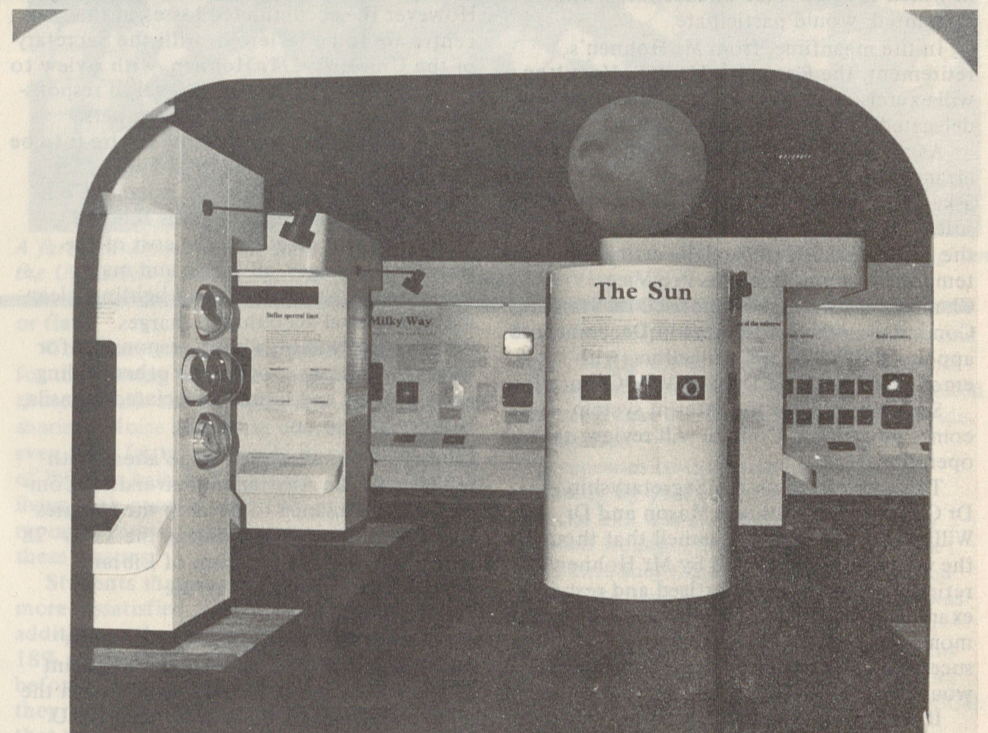
universe is the greatest remaining frontier of exploration. It has been set up by ANU at its Siding Spring Observatory because, with the recent opening of the AAT and with the four other telescopes there, it has become the foremost observatory site in the Southern Hemisphere.

The exhibition leads the visitor in a natural progression through the science of astronomy — from the planets, which are our nearest neighbours in space, to the stars in our galaxy the Milky Way, and to other galaxies beyond our own in the outermost regions of the universe. 'Exploring the universe' shows how astronomers work — how modern telescopes such as the AAT efficiently gather faint light from the extremities of space and how auxiliary instrumentation (cameras, spectrographs, photometers, photomultipliers, image intensifiers, television tubes and computers) helps the astronomer.

The exhibition also deals with the spectacular advances that have been made in astronomy with the coming of the space age which has revolutionised our understanding of the nearer planets through the exploits of the Mariner and Pioneer spacecraft.

The concluding section of the exhibition discusses the 'great remaining mystery' — the question of the origin and evolution of the universe, how it began and how it might end. This is the question that is the continuing source of inspiration for all astronomers.

The launching of 'Exploring the universe' to mark the reopening of Siding Spring Observatory to the public will be performed by Mr Ralph Hunt, MHR for the area.



Top: Siding Spring Observatory, 1100 metres above sea level in the ranges of the Warrumbungle National Park, 27 kilometres from Coonabarabran, New South Wales. With the completion of the huge 3.9 metre Anglo-Australian Telescope (right), and with the four other telescopes there, Siding Spring has become the foremost observatory site in the Southern Hemisphere.

Above: Part of the 'Exploring the universe' exhibition which covers a floor space of more than 200 square metres in a building erected specially for it. The exhibition leads the visitor in a natural progression through the science of astronomy.

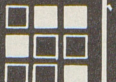


The University was host during the week 11-16 November, to a party of scientists and educationists from the People's Republic of China, visiting Australia as the guests jointly of ANU and the Australian Academy of Science. Left: at a reception given by the Academy of Science the leader of the delegation, Professor Huang Ping-wei (second from left) chats with the President of the Academy, Professor G.M. Badger (left), the Chancellor of ANU, Dr H.C.



Coombs (centre) and the Secretary of the Department of Education, Mr K.N. Jones (right). The delegation's interpreter, Mr Li Ming-te (second from right) assists in the conversation. Right: Mr Li (centre) interprets for Professor Huang and Mrs Williams, wife of the Vice-Chancellor, at a reception given by the Faculty of Asian Studies.

Standing Committee of Council meeting



Professor Dunbar to be 'Acting Vice-Chancellor' from 31 Jan.

The Deputy Vice-Chancellor, Professor D.N.F. Dunbar, will act as Vice-Chancellor of the University from the departure of the Vice-Chancellor, Dr R.M. Williams, scheduled for 31 January. 'When appropriate', Professor Dunbar will be styled 'Acting Vice-Chancellor'. On other occasions — when exercising statutory powers — he will be styled as an officer 'authorised to exercise the functions of the Vice-Chancellor'.

The legal complexities which resulted in this distinction between respects of Professor Dunbar's role were one feature of discussion at the 8 November meeting of University Council, on interim arrangements following the departure of Dr Williams and the retirement, scheduled for 31 March, of the Secretary, Mr R.A. Hohnen.

Council agreed to interim arrangements proposed by a committee of the Chancellor, Dr H.C. Coombs, the Pro-Chancellor, Sir Anthony Mason, and the Vice-Chancellor.

The committee recommended that an appointment to the vacant post of Secretary not be made at this stage. It noted a view that there should be a review of senior management appointments in the University, in which the new Vice-Chancellor, when appointed, would participate.

In the meantime, from Mr Hohnen's retirement, the Registrar, Mr W.S. Hamilton will exercise the financial authorisations and delegated functions of the Secretary.

As a part of the interim administrative arrangements, Professor Dunbar has been asked to recommend, 'after appropriate consultation', the names of two members of the academic staff of the University for temporary appointment as Pro-Vice-Chancellors. Council authorised its Standing Committee, which will meet in December, to appoint the Pro-Vice-Chancellors, with emoluments as for a Deputy Vice-Chancellor.

Six months after the interim system comes into effect, Council will review its operation.

The committee on the Secretaryship — Dr Coombs, Sir Anthony Mason and Dr Williams — reported to Council that though the vacancy to be created by Mr Hohnen's retirement had been advertised and responses examined, it now seemed certain that some months at least must elapse before a successor to the present Vice-Chancellor would be appointed.

If a permanent appointment to the office of Secretary was not made at this stage a plan, based on resources available within the University, was needed for the interim administration of the University pending the selection of a Vice-Chancellor.

The loss of senior administrative experience in the almost simultaneous departures of the Vice-Chancellor and Secretary required the appointment as Acting Vice-Chancellor of a person already knowledgeable of and experienced in the University's affairs. The work load in 1975 would be such that two additional temporary, though essentially full-time administrative posts should be created and filled by members of the academic staff.

Professor Dunbar, the committee proposed and Council agreed, should be authorised to arrange the distribution of responsibilities among these new appointees — the Pro-Vice-Chancellors — and senior administrative officers.

Other matters dealt with by Council were:

Vice-Chancellorship. The Chancellor, Dr Coombs, undertook that the Committee on the Vice-Chancellorship, set up in September, will consult with groups appointed by the Boards of the Institute of Advanced Studies and of the School of General Studies, and by the Students' Association in the course of its deliberations. The Board of the School of General Studies had suggested to Council that the teaching staff of the University was under-represented on the committee. Representatives on Council of the Institute suggested a similar under-representation.

Council discussed the possible expansion

of the committee. It decided, however, to leave the committee unchanged but asked that there be broad consultation before any decisions were taken.

'Observer status' on Council is to be given two representatives of the University's general staff, pending amendment of the University Act to provide full membership as a right to general staff representatives.

Council was told that it was unlikely that the sought amendment of the Act could be dealt with during the present sitting of the Parliament.

It was agreed that the Staff Council be asked to nominate two representatives, after consultation with its constituent groups and with those major trade unions active in the University but not members of the Staff Council itself.

Honours. Council approved a proposal from the honorary degrees committee, to redefine the terms on which honorary degrees may be awarded by the University. The Hon. Litt.D. and Hon.D.Sc. degrees will be awarded, as appropriate, for distinction in creative achievement, either scholarly (including legal learning) or artistic. The Hon. LL.D. degree will be awarded for distinction in all other contributions to the quality of life, including public service and the practice of law.

Council agreed that the initiative in nominating someone should always come from within the University, and that there should be a positive reason why ANU should honour the individual nominated.

Staff Centre support. The University may provide greater support for the University Staff Centre, located on the Acton Ridge. However the accumulated losses of the centre are to be reviewed, with the Secretary of the University, Mr Hohnen, with a view to determining a reasonable level of responsibility to be taken up by the members.

The Governing Body of the centre is to be asked to reconstitute its 1975 budget for further consideration by the Finance Committee of Council, on the basis that the University will meet half the cost of the secretary/manager, all fabric and major equipment costs, heating and lighting, cleaning and central accounting charges. The Centre itself will be wholly responsible for wages, provisions, power and other trading costs in food and liquor, associated utensils, laundry and so on.

Library. Council agreed to go ahead with requests to the Australian Universities Commission for finance to develop the Menzies Building of the Library during the 1976-78 triennium, despite criticism of Library development proposals by the Faculty of Arts.

The Faculty took issue with proposals outlined in a draft long-term development plan for the Library already approved in the main by the academic boards. (See ANU Reporter 8 November 1974).

The Faculty, at its 7 November meeting, had resolved to recommend to the Board of the School of General Studies that the plan be rejected and redrafted, 'so as to acknowledge that the requirements of staff and students, equally, of the School of General Studies should be the primary consideration directing all future ANU Library developments in the humanities and the social sciences'.

The Faculty recommended further:

That the University's library holdings in the humanities and social sciences, including mathematics, should be housed together in the Chifley Building;

That the University should aim to achieve this within the next decade;

That a study should be made of the advantages and disadvantages involved in this proposal, and this study should be referred to faculties, schools and centres for comment before major extensions to either the Chifley or the Menzies Building were undertaken.

Council agreed to review its Library development policy in the light of these representations, but not to amend its present proposals to the AUC.

Emeritus Professors. The University has three new Emeritus Professors: A.N. Hambly, B.H. Neumann and J.D. Ovington. Professor Ovington recently resigned from ANU to become a First Assistant Secretary in the Department of the Environment and Conservation. Professors Hambly and Neumann retire from the University on 31 December.

Council directed that the names of all three be inscribed on the roll of Emeritus Professors.

Professor Hambly joined the then Canberra University College, as its Foundation Professor and Head of the Department of Chemistry, in 1959 and headed that department until 1969. During 1971-74 he was Deputy Chairman of the Board of the School of General Studies.

Professor Neumann became Professor and Head of the newly established Department of Mathematics in the Research School of Physical Sciences in 1962.

Professor Ovington joined ANU as Head of the recently established Department of Forestry in 1965. He was Dean of the Faculty of Science during his last year with the University.

Farewelled: Two members of the University Council, and one long-term member of staff, were farewelled by the Chancellor, Dr H.C. Coombs, at a luncheon which punctuated the long 8 November Council meeting. Dr Coombs wished the Vice-Chancellor, Dr R.M. Williams, well in his new post as chairman of the New Zealand State Services Commission, and farewelled Mr Michael Dunn, president of the Students' Association, on the completion of a year's service on Council.

Mrs Lois Bellingham, the University's accountant, was thanked for her long service to the University, which she joined in 1947 shortly after its inception. (See story page 3).

Reappointed. Professor R.D. Wright was reappointed to Council, for a further term of two years, at the meeting. Professor Wright, who previously sat on Council as one of the four members elected by Convocation, was first co-opted in 1972. The Council is empowered to appoint up to two members.

'Disquiet'. Council's disquiet about an amendment of the University Act proposed by the Government is to be made known to the Minister for Education, Mr Beazley. The amendment would provide that 'The Minister may, by notice in writing to the University, direct that the University is not to charge a fee of a specified kind except in specified circumstances and any such direction has effect notwithstanding a statute of the University (whether made before or after the commencement of this Section)'.

Members of Council said they felt this provision might open the way for ministerial intervention in matters customarily the concern of Council.

The discussion occurred during consideration of proposed amendments to the Act, to permit the University to not charge fees which it is at present obliged to charge. The charging of these obligatory fees has been deferred during 1974, pending amendment of the Act. However, the University has recently been informed that the sought amendments are not likely to be dealt with during the present (and last for 1974)



Professor Courtice

session of Parliament.

Recommendation amended. Council broke with precedent to amend a recommendation of the Board of the Institute of Advanced Studies, to strengthen the right of non-professional staff members to sit on electoral committees for chairs and professorial fellowships in the Institute. Though some members of Council suggested it was unwise to amend such recommendations it was agreed to do so on this occasion when Institute representatives on Council expressed approval for the proposed amendment.

At issue was the composition of the 'Three other members of the academic staff of this University (including at least one from outside the Research School concerned)' who under a Board resolution of March are to be part of electoral committees.

A July recommendation of the Board proposed that 'if appropriate one of the three other members of academic staff should be of the non-professional staff'.

The formula adopted by Council provides that 'unless it is inappropriate, one of the three other members of academic staff should be of the non-professional staff'.

Council resolved to ask the Board of the School of General Studies whether it should not adopt a similar procedure, in the composition of electoral committees.

Accountant. Mr N.G. McDonald was appointed University Accountant, in succession to Mrs Lois Bellingham, who is to retire on 31 December. Mr McDonald, formerly the University's internal auditor, acted as Bursar for some months earlier this year. He has recently been a special assistant to the Deputy Vice-Chancellor.

More Council news pages 3, 5 and 6.

QUESTIONS ON FORESTRY CHAIR

The Board of the School of General Studies is to be asked if, in the light of recent comments, it believes the membership of the electoral committee set up to select a new Head of the Department of Forestry is 'appropriate'.

The issue was raised in the closing stage of the Council meeting by Mrs Judith Wright McKinney, a noted conservationist.

Mrs McKinney drew attention to a letter published in the last issue of ANU Reporter, in which Mr R. Routley (Philosophy, RSSL), criticised the composition of the electoral committee established to find a successor for Professor J.D. Ovington. Mr Routley especially criticised the decision to include representatives of the Australian Institute of Forestry and the heads of State forest services on the committee.

'One might ask how the department and its head are to adopt a proper (and long overdue) independent and critical stance with respect to the activities of forest services and industries, when the head of the department is to be vetted by these very interests', Mr Routley had written in his letter.

JCSMR DIRECTOR

Professor F.C. Courtice, Head of the Department of Experimental Pathology, has been offered the post of Director of the John Curtin School of Medical Research. The post carries with it the newly-created named Chair, the Howard Florey Chair of Medical Research.

Professor Courtice has been Acting Director of the school since the resignation, early in 1973, of Professor F. Fenner, who became Director of the Centre for Resource and Environmental Studies

Professor Courtice's appointment was recommended on 7 November by an electoral committee on the headship of the JCSMR, and approved by the University Council at its 8 November meeting.

The new Director came to the JCSMR, and to ANU, in 1958 after 10 years as Director of the Kanematsu Institute of Pathology, Sydney Hospital.

Born in Bundaberg, Qld, Professor Courtice attended the University of Sydney, before being awarded a Queensland Rhodes Scholarship. During 1937-38 he held the Beit Fellowship for Medical Research and in 1939-40 was a Nuffield Research Student. During the war he worked in Britain as a Senior Experimental Officer in the Chemical Defence Research Department. During 1945-48 he was Reader in Human Physiology at Oxford.

Lois Bellingham leaves 'second home' after 27 years

Early in 1947 a Queensland school-teacher and trained accountant, Miss Lois Dexter, was told by her family that she was 'completely mad' to give up her position to go south to work for an almost non-existent organisation.

Undeterred, she arrived in Canberra as assistant accountant of the Australian National University to find 'a dedicated Interim Council, a designated campus and a dream'.

Twenty eight years later, now as Mrs Lois Bellingham (she married Mr Chan Bellingham in 1949) the University's accountant, who handles a budget of several million dollars a year, is retiring, but not without nostalgic memories of the early days.

'I was billeted at the Hotel Kingston where a few well known folk were staying while waiting to be allocated government houses. I had to start writing my account books by hand to keep track of our grant. Just before I arrived Helen Lindsay was seconded from Treasury as head typist. I think she was specially picked by Bert Goodes, a member of the Interim Council, then deputy secretary of Treasury. We had two pretty junior typists but they soon left to be married.

'It's quite embarrassing to recall the number of male staff we have outlived or have seen retire. We came before the first Registrar, Accountant or Vice-Chancellor. Ross Hohnen came a short time after us and then came Bill Hamilton as Accountant. He was and is still my boss and a very happy association we have had. Sir Douglas Copland, for whom Bill worked in China, was appointed Vice-Chancellor and Helen and I have worked for the four successive Vice-Chancellors. It does date us, doesn't it?' she said with a warm chuckle.

'In the early days there was a strong sense of camaraderie and cooperation. No matter what position people were appointed to they were brought round and introduced to everyone. We had our offices in the old hospital buildings and there wasn't the stratification which exists today. Canberra was small, so if you saw anyone in the street, senior or junior, you always stopped for a chat!'

Partly because of the smallness of the town it wasn't long before the secretary of the Interim Council, Fin (now Professor) Crisp heard that Lois had concert pianist qualifications — an A Mus. A, LAB and LTCL — as well as her commerce degree from Queensland University.

'In no time I was pulled into musical activities and was a founding member of the Philharmonic Society. Soon after I became active the pianist was taken ill so you can guess who was pushed into the role. As it was necessary for us to make our own entertainments I resumed my old Queensland recreation of producing plays and produced several for Canberra Repertory and later for the Philharmonic Society.'

In the extraordinary but complementary way that music and maths go together, Mrs Bellingham's dual talents were used as Treasurer of the National Eisteddfod Society. She also served as Treasurer of the Canberra Hospital Auxiliary for 14 years and has been local president and district 31 Governor of Quota, a women's service club.

'I won't be idle when I retire. I think it's important to keep your hand in so I will do some small accountancy jobs and tax returns. I'll probably teach music again and continue golf and bowls at Yowani Club where I was the first secretary of the associate golf players.'

And the accounts staff, now numbering seventy, are hoping that their former boss will pop into to see them, just as she has encouraged former staff, their spouses and children, to do over the years.

'Of course I'll greatly miss the University. It's been my second home since the day I arrived in Canberra', she added.



A farewell dinner will be held in University House on Friday 13 December for Lois Bellingham, the University's Accountant, and one of its longest-serving staff members.

New halls favoured by most students

New halls of residence are the next form of University-provided accommodation that should be established, according to more than half of a sample of 550 full-time undergraduate students questioned by the University Survey Research Centre. Several other forms of housing were also supported. The same survey indicated that students sharing a house or flat were the group most dissatisfied with their present accommodation.

The report on the student accommodation survey — the Survey Research Centre's first publication — was released recently. The survey was conducted after a number of students had indicated they were having great difficulty in finding suitable accommodation, and after an approach had been made to the Minister for Education, Mr Beazley, for a special allocation of funds to build further residential accommodation for students.

It was decided to collect information on the accommodation needs and experiences of students, for this and other purposes, by conducting a survey of full-time undergraduate students during the last few weeks of first term.

Sponsored jointly by the Students' Association and the Academic Registrar's Office, the design and management of the survey and analysis of its results was carried out by the Survey Research Centre. Assistance was given by other groups within the University, especially the Statistical Office.

Answers were sought from about one fifth of the full-time undergraduate student body, initially on a mail basis. The Students' Association and the Survey Research Centre then carried out a telephone and telegram follow-up, which was funded by the Academic Registrar's office.

After allowing for 32 students who had withdrawn from their courses, officially or de facto, there were 587 from whom answers were sought. Replies were obtained from 550 of these, a response rate of about 94 per cent.

An interim report on the survey was prepared, together with some preliminary tabulations, for the AUC visit in June. The report now published contains a general description of the survey, eleven tables of results with commentary, and also notes on the editing procedures used, the accuracy of the survey estimates, and the manner in which they were obtained.

PRESENT ACCOMMODATION

The Survey estimates indicate that at the end of first term 54% of full-time undergraduates were living in halls and colleges of the University, 21% were living with parents or guardians, 12% were sharing a house or flat, 7% were living in their own, and 6% had other types of accommodation. Since only 28% had parents or guardians in the ACT or Queanbeyan there was a possible back-up of home accommodation for at most a further 7% of students.

With the exception of those 4% of students supported by their husband or wife — or any person other than a parent or guardian — all persons contacted in the survey were asked to estimate their total 1974 income. The median income of those who replied to this question was \$1400, \$1575 for males and \$1225 for females. Those living in halls and colleges had a median income of \$1525, those living with parents \$850, and those sharing a house or flat \$1475. About 3% were supporting another person or persons on their income.

When asked whether they found their present accommodation unsatisfactory for any reason, 17% reported noise and other distractions which seriously inhibited studying, 9% reckoned that they would be unable to stay in their present accommodation until the end of the year because of the cost, 5% said that they wished to share with someone else but that their present accommodation was inadequate for a couple, 4% that other people living in the premises were so unpleasant that they spent as little time there as possible, and 4% had accommodation as a personal favour and were concerned about outstaying their welcome.

The incidence of some of these defects varied considerably from one type of accommodation to another. Only 3% of students in halls and colleges and 6% of those living with parents complained of crowding, as compared with 14% of those sharing a house

or flat.

Complaints about cost varied from 3% for those living with their parents, to 8% for those in halls and colleges, and 13% for those sharing. Noise and other distractions, however, were fairly uniformly distributed; 16% of those in halls and colleges, 16% of those living with parents, and 19% of those sharing reported serious interference with study for these reasons.

Students sharing, were, on the whole, more dissatisfied than any other group. In addition to the problems already mentioned, 18% reported that their lease would expire before the end of the academic year and that they would not be able to stay longer, 9% that their accommodation was being provided as a personal favour and that they might outstay their welcome, and 8% that they had to share the premises with unpleasant people.

Considerable difficulty had also been experienced in obtaining this shared accommodation. An estimated 26% of the men and 21% of the women had tried to rent accommodation in Canberra as members of groups. Three quarters of the men trying, and three fifths of the women, had been refused a lease at least once because they were applying as members of a group, and at least two fifths had been refused more than twice (about 11% of all full-time undergraduates).

An estimated 6% of the students surveyed had started first term in unsatisfactory accommodation, and had improved their situation in the meantime. More than half of these were, at the time of responding, in halls and colleges, and most of these had moved in there within five weeks. Nearly a third had been looking for satisfactory houses or flats to share with a group. Most of this group were settled within six weeks. A very small number had taken up to four months to find suitable accommodation.

OPINION ON FUTURE ACCOMMODATION

The students in the sample were asked what form of accommodation they thought the University should next provide. Over half chose new halls of residence, serviced (22%) or unserviced (33%). Other choices were apartment blocks (13%), two-storey terraced housing (12%) and buying and renovating existing housing (8%). Workmen's huts, of the type now being moved from Corin Dam, were chosen by only 1%.

However, despite the request 'Please tick one only', nearly 6% of students indicated more than one alternative, and some of these stated explicitly that the University should provide alternatives.

Responses to this question varied markedly by year of enrolment. A fully serviced hall was chosen by 37% of newly enrolled students, but by only 16% of the 1973 enrolment and 13% of those enrolled earlier. Bearing in mind that the survey was held at the end of first term, this result is consistent with the hypothesis that student opinion on desirable accommodation varies considerably during the first year. The initial choice may also be conditioned to some extent by the regulation that first year students are not admitted to Toad Hall.

Students were also asked whereabouts they would prefer new accommodation to be built. There was a clear preference (66%) for any fully serviced hall to be built on campus near academic and union facilities. Most desired the renovated housing (57%) and terraced housing (50%) to be located off campus, but near enough to be able to walk to the University.

Opinions on the location of an unserviced hall were somewhat more divided, but 59% chose a campus location of some kind. There was least agreement on the most desirable location of new apartment blocks.

Further information about the survey is obtainable from the ANU Survey Research Centre, which is located in Wing E of the JCSMR building (extn 4400).

COLLEGE SEEKS TUTORS

Burgmann College invites enquiries from persons interested in becoming resident tutors for 1975.

STUDENT HONOURED

On 19 October, Mr N. Brightwell, who is completing a MSc degree in Forest Management in the Department of Forestry, was invested at a ceremony at Government House with the Polar Medal for contributions made to Antarctic exploration.

Mr Brightwell was Officer-in-Charge of Wilkes Station, Australian National Antarctic Research Expedition, from October 1967 to May 1969. Since then he has been Management Officer at Rabaul for the Papua New Guinea Department of Forests.

Academics gain an outside view

What happens to the increasing number of academics who spend a year or more in government departments as advisers?

What do journalists and public servants who enter the University gain from their experience?

Some of these issues are answered in this interview with three academics, Hugh Collins, Selwyn Cornish and Bill Holder, who entered government departments, and journalist, Peter Hastings, who is working in the University's Strategic and Defence Studies Centre.

Hugh Collins is a graduate of the University of Western Australia and Harvard University and is Lecturer in Political Science, SGS. Selwyn Cornish is a graduate of the University of Western Australia and is a Lecturer in Economics, SGS. Bill Holder is a graduate of the University of Melbourne and Yale University. He is Senior Lecturer in Law, SGS, having also taught at the Universities of Melbourne, Mississippi and Florida State. He specialises in International Law. Peter Hastings is one of Australia's leading foreign policy commentators and is the South East Asian and Pacific correspondent for the *Sydney Morning Herald*. He has been appointed Senior Research Fellow in the Strategic and Defence Studies Centre (RSPacS).

Interviewer: What prompted you to take the opportunity to step outside the University?

Cornish: There were several reasons. But most especially, I teach aspects of economic policy formulation and I was aware that what I was saying was rather artificial and somewhat textbookish. I always wanted to see how it was really done. And, naturally, I discovered that it isn't done strictly according to the textbook. Textbooks say rather blandly, for example, that if you have a balance of payments problem you vary the exchange rate or, perhaps, in certain circumstances, you should alter the tariff or cut demand. But my experience in Treasury was that politics supervised at almost every turn. There is much giving and taking, and pressure groups, in the final analysis, must be taken into account. No matter how often the Treasury attempts to educate its political masters, Treasury decisions do, of course, affect many groups such as farmers, manufacturers, country towns and so on. These, in effect, are the political parameters within which action is finally taken.

Holder: Much the same applies in international law. Having studied the issues and taught them for five years you wonder if you are teaching what is really happening. It was with a spirit of enquiry as to just what is happening that I entered the arena of relations and interactions between governments, which is what international relations is all about. I haven't been surprised by what I've seen. The Government has good access to information and that is something an academic has to dig very hard to get in order to be on top of current analysis, current developments, current policies. The Government has this coming in all the time, perhaps almost too much of it. Its problem is one of digestion and having to coordinate conflicting policies within the Government itself. A second problem is that decisions don't wait around. They have to be made quickly. An academic can sit around and ponder something or go off to Cambridge or Yale and talk to friends about an issue. In Government, or as a legal adviser, the decision has to be made, or advice given, within one, two or three hours even though you might not have had the chance to assess all the information.

Collins: My reasons for entering Government are similar. I welcomed the chance to see at first hand the phenomena I was teaching and trying to understand. But it's not just a change from textbook to the practice of international relations. It is a familiarisation exercise, I'm getting a feel for the fit as well as for the difference between theoretical analysis and the daily routine of foreign

relations.

Interviewer: Will this inside experience enable you to teach the subject better and with more insight having seen both the theory and practice?

Holder: It depends on how you taught it before. It will allow us to speak with a certain authority. It should also help academics overcome the feeling that they are academics because they can't do anything else properly. But if they go back to the University they might still be up against that feeling.

Interviewer: Can you see the day when a newspaper would take an academic, a university economist, for instance, on to its finance page?

Hastings: Newspapers are now choosing more staff with degrees.

Holder: Surely this is done in the United States and Europe; there journalists are academics, academics are journalists. Even here, look at Creighton Burns of *The Age*. He taught me Political Science at Melbourne University and now he is a respected journalist.

Hastings: Burns is really an exception. In Australia, if political scientists and international relations experts were taken on board a paper their slowness and their 'academic objectivity' would be bloody impossible and drive editors and management up the wall. It may come, but it will take time.

Collins: What would an academic gain from joining a paper?

Hastings: A lot. The interchange would do him good. Having to read the massive amounts of daily cables, he would have to make up his mind quickly, clearly and concisely.

Interviewer: Do you feel fortunate to have had a chance, fairly rare in our society, to spend a year in another profession?

Cornish: I don't see it as a change of profession. I worked in the University as an economist and in the Treasury as an economist. I see myself as an economist first, and whether I practise the profession in government or in a university is secondary. For the most part, I would do much the same work in either organisation.

Holder: I think the same. I am an international lawyer; I'm not committed to academic life alone.

Collins: Yes, it is good fortune and I am enjoying it, though I see it more as a year's leave from regular academic duties. That may reflect the difference between our specialities. Lawyers have always been considered to have a trade and economists have managed to convince us that they possess one, but political scientists haven't been persuaded themselves of this yet: most forms of our work are more obviously academic even when practised within government.

Interviewer: Is a criticism of university graduates and staff that they are ponderous and slow decision-makers; they are not equipped for positions where decisions have to be made quickly and material prepared quickly?

Holder: It's true that you have to make more and quicker decisions at certain levels of the Public Service but they seem to have an anonymous quality about them. Someone else ultimately takes responsibility for them. By contrast, academics experience neuroticism because what they write is there forever and follows them wherever they go. Your writings are part of your whole career.

Interviewer: Is there less personal satisfaction working in government?

Collins: It depends on the person.

Holder: For me at this time there is more satisfaction because of the political climate where the Prime Minister and Foreign Minister are deeply interested in international relations. The degree of activity, the impact of decisions is strong. This year we have the Law of the Sea conference, the nuclear test case and Australian initiatives at the UN on diplomatic asylum: There's a lot of action in Foreign Affairs at present.

Interviewer: Is there as much room for creative and original ideas in the Public Service as in universities?

Holder: The Public Service is a much freer place than I would have anticipated.

Hastings: I would agree there.

Holder: In the Public Service the range of ideas, the sort of discourse and even conversation is certainly equal to and possibly greater than in the University. Of course not everything you write becomes government policy. You might produce something that is never heard of again, whereas an academic can usually get even off-beat things published. But it would be wrong in my view to think the Public Service was less creative, less stimulating.

Collins: I agree that the work in the Public Service can be rewarding but the constraints are different. A scholar is free to choose and direct his or her own research and accepts responsibility for the conclusions reached. One of the things I find difficult in the Public Service is working to other people's dictates and deadlines — being told to 'do something on this' when the policy has already been decided.

Hastings: Journalists are used to that every day.

Cornish: One problem in Treasury was that there wasn't enough time to read deeply. It was more an instant thing with decisions made almost on a daily basis. Also, a middle-ranking person's suggestions might take time to seep through.

Hastings: Surely it depends on the problems as to how quickly decisions are made.

Interviewer: Does the decision-making process vary from department to department, depending on which department's advice is regarded as acceptable by the government of the day?

Cornish: That is so. Another factor is that some arms of government are more flexible than others while some have a reputation for conservatism.

Holder: I would imagine that a well-qualified academic who joined a new department dealing with, for instance, the environment and conservation would be able to have new and creative ideas accepted fairly easily. In more established departments you are operating within a policy framework formulated over many years.

Interviewer: Wouldn't the same thing apply in new and old university departments?

Cornish: Probably.

Interviewer: Is there more strain in the Public Service?

Collins: Not more, just different. In Foreign Affairs, for example, you have work strains and the strain of not knowing where you will be sent next to live.

Cornish: As Sub-Dean of the Economics Faculty there have been many strains this year. There is always a student wanting to see you, a meeting to attend, papers to mark, lectures to be given. Treasury is a very busy place, but so is the University, especially at the moment.

Collins: I think that in the University there is more strain in the faculties, with a teaching load, than in the research schools.

Hastings: I found the main difference is that in a research situation you have to impose your own deadlines. I'm used to an editor saying 'I want that bloody story by tomorrow', or 'You should be in Uganda today, not the Congo, to write a report for Thursday's paper'. Now I'm here I just have to sit in my room and work. That's very hard in a different way. I also found it hard to adjust to such salubrious rooms. I got lost ten times the first day in the Coombs building. It has a surreal atmosphere.

Collins: I would never have entertained either of those views in the first place. I am impressed by the professionalism of the people with whom I am now working. And the best of them work just as hard as the best among one's academic colleagues.

Holder: As I see it, a trend is emerging where both public servants and academics are working much harder. Certainly in the Public Service one is impressed by the enormous amount of work being done and the tremendous input of time and effort, by individuals who don't gain much recognition for what they are doing. People work back regularly and on week-ends. In the University the load is also increasing in several directions: the proliferation of committees and the proliferation of knowledge. Whatever your field it is much harder to keep up with it.

Interviewer: Isn't it stuffy and old-fashioned to go on about academic purity? Aren't there Marxists, right wingers and indifferent democrats in any case within any university faculty?



Journalist Peter Hastings (left) makes a point about the difference between newspaper and university life to Hugh Collins, Bill Holder and Selwyn Cornish (right).

Interviewer: Did you have trouble settling into the regular early starting time of the Public Service?

Holder: The early starting time is a bit of a shock to the system for a few months. But if you have a lot of work to do you do it regardless of the time you start. But in academic is freer to choose the time he starts.

Hastings: The main difference between a newspaper and university is that suddenly you find yourself with a lot of time in which to do the things you want or think you want to do. I felt disoriented at first. Writing books is hard work. All the tea rooms and fancy offices seemed strange. I'm used to filthy newspaper offices. Indeed the people in them are often filthy too.

Holder: In Foreign Affairs there are no common rooms so there is limited opportunity to meet with people of diverse views. There isn't even a coffee bar or a place to buy visitors a beer. It is something of a puritan hangover, I suppose.

Cornish: In the Finance and Economic Policy Division of Treasury there was a tea room — and there was the Treasury Cafeteria — where one could meet

informally but these are not on the scale of ANU facilities.

Interviewer: In universities, in the professions and in government, there are people who have spent their lifetime in the same job in the same section. What dangers do you see in this?

Holder: It's very obviously a danger and people do fall asleep. They become isolated and at a certain stage they become so fixed in their ways that any budge or suggested change is resisted and seen as a threat to that person's security. It's clear that change of venue is easier earlier in one's career. Most people who have been in one job for twelve or more years will probably never move, especially from academic life.

Hastings: I sponsor the idea of changing the style of employment, but it's not very easy to do. But it's coming.

Holder: Employers are changing. I think they no longer regard someone who changes employment every so often as a transient. They should assess his diverse background and say 'Here's a person who can bring something new to our situation'. This assessment should be made regardless of whether he/she is a journalist,

social issues — perhaps by sending representatives to company general meetings.

Another speaker, while supporting the appointment of the committee, did not wish to see Mr Dunn's proposal to dispose of investments in companies trading with South Africa defeated at this stage. It was agreed to defer Mr Dunn's suggestion pending the proposed committee's deliberations.

A committee, to be chaired by Sir Frederick White, was established. Its other members are Professor A. Low, Professor L. Zines, Senator P. Rae, Senator J. McClelland, Mr Julius Roe and the Secretary, Mr R.A. Hohnen.

Community access proposed for Radio ANU

Proposals to seek to turn Radio ANU into a Canberra-wide, community access station were approved in principle by the University Council at its 8 November meeting. An eight-member committee was appointed to further investigate the plan put to Council by the Campus Radio Station Committee and elaborated on in a paper by the Director of Student Broadcasting, Mr J. Cropper.

If the University decides to go ahead with the scheme it will ask the Postmaster-General's Department to extend the broadcasting licence currently held by Radio ANU to cover transmission beyond the campus, and to incorporate in this extension provision for community access to the station's broadcasting facilities.

lawyer or marketing manager.

Hastings: I agree.

Holder: The suspicion of the transient must go.

Interviewer: Do you think universities encourage narrow specialism rather than versatility? Do they lessen the chances of, for example, a PhD graduate in Mediaeval History being fit for anything else but narrower and narrower research?

Collins: They do produce specialists but that same specialist might be a brilliant and productive Mediaeval historian all his life.

Hastings: He might not be fit for anything else.

Holder: Changing professions, or staying in them, doesn't necessarily make the worker productive.

Hastings: That's true. The classical view of the journalist is that he/she is shifty and unreliable. Actually he/she does one thing all the time, write, but it's a very very variable life. The thing that makes a journalist is a sort of switched-on perceptive quality. It's a valuable quality which can be used elsewhere but it has been somewhat maligned and despised by the establishment, academics and public servants. At the same time politicians, public servants and others have used journalists quite ruthlessly. It is a symbiotic relationship really.

Interviewer: Have any of you had doubts about returning to your original employment, would you like a change?

Holder: It depends on one's ambition and experience. In my case a year in Foreign Affairs has strengthened my view that international lawyers can switch around. Therefore one becomes more opportunistic in terms of assessing the future for the next thirty years. I ask myself should I deliver the same lectures, peppered up now and again for topicality, for the next several years or should I get my brain working in a new area.

Cornish: I have much the same thoughts. It was quite hard to come back to the University but I had a commitment to give a semester course. I would like to keep my options open.

Collins: Career choice is both an objective and subjective thing. It depends on abilities and whether you feel some fulfilment. Most people in universities have acquired skills they can use somewhere else. I enjoy university life and the privilege of having some time to do what I most want to do. Moreover, I think that scholars have a contribution to make in the areas of public policy that interest me.

Interviewer: Under our system are graduates virtually forced to decide on graduation what

broadcasting over vacations. 'The University would have the opportunity to express its views to the outside community, and similarly the outside community would be able to penetrate the... "Ivory tower" academic isolation of the campus'.

Access to a Canberra-wide University radio station would be particularly welcomed by the Canberra College of Advanced Education. 'As an institution that conducts courses in media and journalism, practical utilisation of a communications medium would be of obvious advantage to both students and instructors'. University-college co-operation would reduce barriers that had been said to exist between the two institutions.

The signal strength needed for such a station could be as low as 5 watts, or could extend to 1 kilowatt. Depending on the signal strength, the capital cost of the proposal could range from \$20,000 to \$50,000. Mr Cropper suggested that finance might be sought from the Australian Government. Recurrent costs could be between \$5,000 and \$20,000, provided by the Government or by the University itself.

'Certainly, community access radio doesn't come cheap', Mr Cropper conceded. 'But in terms of the development of communication within society and independent, free thinking, such financial considerations must become secondary'.

The committee set up to examine the proposal is chaired by Sir Brian Hone. Its other members are Mr Cropper, Dr R.E. Klugman, MP, Professor L.R. Zines, Mr Allan Murray-Jones, Mrs Judy Slea, Mr George Colman and the Academic Registrar, Mr George Dicker.

career they will follow?

Collins: That is because a career opportunity often presents itself. The longer one is in a career the more one is committed to its values, requirements and style.

Interviewer: Isn't that the problem? People get stuck in a job and then justify it. How does the person in a steady niche judge whether it's time to move on, whether he has become arid?

Collins: At ANU there are plenty of people who have come in and out of academic life. It is not a bad mix.

Cornish: It would be hard now to join this University as a lecturer without a higher degree.

Interviewer: Is it as if a PhD automatically qualified people to be a good teacher?

Holder: Yes. It's ridiculous, the whole PhD syndrome. In Australia graduates enter academic life too early. In the United States a lawyer would not be hired by a good university unless he had several years' experience in a law office, or as a clerk to a judge or as an adviser to a politician. In Australia once you are offered a tutorship, you do a master's degree, then you look for a job or stay on as a lecturer. What is needed is a conscious effort to push graduates out into the grass roots of the community for a few years.

Interviewer: Are you suggesting universities should deliberately choose staff who have had a diverse experience after gaining their higher degrees, rather than taking them straight from PhD work?

Holder: Yes, they should do that. Hastings: I agree. But at least the career choice is wider now than when I was young. Society is richer and more complex. You don't have to stay in one thing forever, there are alternatives.

Collins: This has implications for university teaching. We must get students away from thinking that what they do at university bonds them forever to a particular field or career.

Interviewer: Finally, do any of you want to move outside the University again?

Cornish: I would hope so.

Holder: I'm committed to what I think universities should be and I think I have a role in it and in Law School. But I'm not committed to any particular conception of what that contribution should be. I've already studied and taught in other places and have taken a year off. But I ponder the idea of staying in one job for thirty years. Staying in one place for a long time isn't necessarily making a commitment as some people think.

Hastings: It's often merely making a virtue out of what can't be helped or changed.

Diary of events

AUG 1974 23 JAN 1974
3 SEP 1974 27 MAY 1974
19 JUL 1974 4 FEB 1974

The deadline for diary notices is 3pm on the Tuesday week before publication (3 December for the next issue which covers the period 16 December–February 1975). Diary items should be sent to the *Reporter*, University Information; they cannot be accepted by telephone.

The 13 December Reporter will be the last for 1974.

Sunday 24 November

University House St Cecilia's Day concert. Dining hall, 8.15pm.

Monday 25 November

Urban Research work-in-progress seminar. Simon Holding (DURD), 'Social needs in the approach to planning'. Seminar room D, Coombs Building, 2pm.

Tuesday 26 November

Philosophy (RSSH) seminar. Dr C.T. Rogers 'The Preference Reduction Thesis'. Seminar room E, Coombs Building, 11am.

Biochemistry (JCSMR) seminar. Dr G.B. Cox, 'Membrane proteins'. Seminar room, JCSMR, 1pm.

Physical and Theoretical Chemistry seminar. Dr R. Bramley, 'Look mum, no hands!' An informal account of some molecular crystal EPR which dispenses with the magnet and microwave detection. Room 134, RSC, 3.45pm.

Wednesday 27 November

Anthropology (RSPacS) seminar. I. Langham (University of Sydney), 'A.R. Radcliffe-Brown and the development of kinship studies, 1904–1931'. Nadel room, Coombs Building, 9.30am.

Centre for Research on Federal Financial Relations seminar. B.S. Grewal, 'Interstate tax co-ordination and competition'. Room 231, Copland Building, 12.30pm.

RSPHyS colloquium, Dr G.G. Lister (FOM Instituut voor Plasmafysica, Jutphaas, The Netherlands), 'Athens 2: A new 1-dimensional time dependent magnet hydrodynamic computer code'. Seminar room, Oliphant Building, 4pm.

University House dinner. One of a series of Wednesday night dinners. Hall, 6.30pm.

Thursday 28 November

Experimental Pathology seminar. Dr J. Garcia Leme (University of Sao Paulo), 'Some aspects of inflammation, especially the role of kinins'. Seminar room 1, JCSMR, 1pm.

Earth Sciences seminar. R.A. Duncan, 'Linear volcanism – an absolute frame of reference'. Seminar room, Jaeger Building, 4pm.

Friday 29 November

Philosophy (RSSH) seminar. Dr A. Ryan, to be announced. Seminar room F, Coombs Building, 11am.

Political Science (SGS) seminar. Brian Brogan (Consultant to the Economic Committee of Cabinet), 'The politics of economic policy making under the Labor Government'. Room 1131, Arts III Building, 11am.

Saturday 30 November

University House St Andrew's night dinner. Hall, 7.30pm.

Sunday 1 December

University House film group. 'Family Life'. Common Room, University House, 8.30pm.

Monday 2 December

University House music group lunchtime recital. Hall, 12.15pm.

Tuesday 3 December

Philosophy (RSSH) work-in-progress seminar. Dr C.T. Rogers, 'Non-standard preference theory'. Seminar room E, Coombs Building, 11am.

Wednesday 4 December

Anthropology (RSPacS) seminar. Dr A. Kendon, 'Some features of the behaviour of human social interaction'. Nadel Room, Coombs Building, 9.30am.

Medical Chemistry seminar. Mr P. Waring, 'Synthesis and reactivity of halogenomethylpyrimidines and related compounds'. Florey Theatre, JCSMR, 10.45am.

University House dinner. Last of a series of Wednesday house dinners. Hall, 6.30pm.

Thursday 5 December

Earth Sciences seminar. Dr J. Boland, 'Deformation induced exsolution in hornblende'. Seminar room, Jaeger Building, 4pm.

Special film screenings. 'Asylum' (R.D. Laing) and 'Punishment Park'. Coombs Lecture Theatre, 7.45pm (also on Friday 6 and Saturday 7 December).

Friday 6 December

University House medieval plays. Hall, 8.15pm.

Thursday 12 December

Earth Sciences seminar. Dr D.B. Stone (University of Alaska), title to be announced. Seminar room, Jaeger Building, 4pm.

Special Film screenings. 'Death of a Bureaucrat' and 'In the Name of the Father'. Coombs Lecture Theatre, 7.45pm. (Also on Friday 13 and Saturday 14 December).

Sunday 15 December

University House film group. 'Dr Faustus'. Common room, 8.30pm.

completion of a book-length manuscript on The Political Economy of Underdevelopment. Room 7115, Coombs Building, ext. 3095.

Professor Einer Thorsrud, Oslo Works Research Institute, Norway, Visiting Fellow in Continuing Education until mid-December; main interest – democratization of work, education and community. CCE, ext.2892.

Notes from Departments

Mr P.E.M. Standish, AASA, Acting Head, Department of Accounting and Public Finance, will be Visiting Professor in Business Administration at the Harvard Business School, USA, for the first half of 1975. He will teach a second year elective unit. International Financial Reporting and Control, in the MBA program.

Mr Standish will then proceed to London to take up his appointment to the Institute of Chartered Accountants Chair in Accounting and Financial Reporting at the London Graduate School of Business Studies. The London Business School, as it is generally known, is with Manchester, one of the two principal British postgraduate business schools. The ICA Chair is primarily intended to be a research Chair, devoting particular attention to conceptual issues of financial measurement and to the problems of financial reporting, including such questions of public policy as statutory disclosure requirements, supervision of takeovers and mergers, and the relationship of professional accounting standards in Britain to those of the European Economic Community.

Deans of Students' report to Council

'In my view', the Dean of Students, Professor R. Johnson, told the 8 November meeting of Council, 'the Dean of Students is authorised and required by the University to be the main official spokesman for the students among the members of the (academic) Boards'. Some at least of his colleagues, and perhaps some of the Council, had misunderstood his position.

In receiving Professor Johnson's annual report, Council supported his interpretation of his role.

Professor Johnson said he did not wish to discuss the demonstrations and other student activities during the year at length; he had had his say in the Reporter, and the matters had been under continual and exhaustive discussion. However he did wish to place before Council his interpretation of his role.

'That has led me to present the claims and arguments of the students in the best way that I could devise, in somewhat the same way as a barrister represents his client', he said. 'I have not argued against my own beliefs, not argued for things which I privately believe to be wrong; but I have certainly spoken much more often and more forcefully than I would have were I not in this position'.

At the same time, he added, he had privately argued with the student leaders on their objectives and their methods. 'My objective at all times has been to maximise areas of agreement'. It had been argued that the present Students' Association leadership was unrepresentative but the fact remained that they were the leaders elected by those students who took the trouble to vote. 'Therefore I have dealt principally with them and would think it improper to deal

with other students except as individuals.

Some of my colleagues and perhaps some members of the Council believe that I personally have gone too far in accommodating to the wishes of the Students' Association and in pressing their claims.

'I reiterate that I believe it my duty as long as I am in this position, to press those claims as hard as I can, within the limits of honest dealing and loyalty to the University as a whole.

'It is up to those who would modify or who disagree with these claims to argue against them as vigorously as they can.'

Elsewhere in his report Professor Johnson said that 1974 had been, apart from student political activities, a very busy year. At the beginning of the year the University had faced 'something of a crisis' in the provision of student accommodation. He hoped that his involvement in discussions toward a solution of this problem had assisted in developing a coherent future policy.

'The University appears hitherto to have lacked really firm co-ordination of the policies of its various accommodation facilities, and it is hoped that in 1975 and thereafter there will be more such co-ordination in the interest of the University and its student body as a whole'.

A problem in the field of student welfare, he added, had been the great diversity of agencies for promoting that welfare, and the lack of contact between them. A body of about 60 members of welfare organisations, the Student Development Group had been set up as a source of ideas and a discussion forum. Professor Johnson said most members regarded this as a valuable innovation.

AWARDS AND FELLOWSHIPS

W.A. Association of University Women Bursary.

The aim of this \$200 Bursary is to provide assistance for a research project being undertaken either, by a first degree woman graduate from the University of Western Australia carrying out research elsewhere, or an applicant holding a first degree from another university who is studying for a higher degree at the University of Western Australia. Closing date: 31 January 1975.

S.A. University Women Graduates Association Bursary. The Jean Gilmore Bursary of \$500 is being offered in 1975 by the South Australian Association of University Women Graduates as a short term aid to a woman graduate requiring assistance to proceed to a higher degree, or to complete a research project. The bursary is open to women graduates in Australia and the Australian Territories providing they are members of the the International Federation of University Women. Closing date: 28 February 1975.

Further details of both these awards are available from Dr Joyce Fildes (JCSMR), ext.2322, or 489024ah.

General Motors-Holden's Research Fellowships. Available in the field of Engineering, Science, Commerce or Economics at an Australian University for a graduate. Allowance is \$3,400 to \$3,800 plus other allowances. Closing date 30 November, further details: Mr K.B. Kaus, ext.4241.

TRIBUTE TO KEN WALLS

It is a difficult task to write a tribute to Ken Walls who passed away on Sunday, 3 November.

He joined the University in 1963 after having served in the Royal Navy and the Royal Australian Navy for some 26 years. This service included the Korean War as well as World War II and twice his boat was bombed and sunk under him. The many colourful stories of his service life, entertained his friends who never tired of hearing them.

The University has many facets, one being the fire and safety section which was very ably led by Ken since its inception. His duties were carried out without fear or favour and his quiet determination won most people over to his views without causing ill feeling. He set a high standard of performance not only to his own section but also to all others with whom he came in contact. He practised leadership rather than direction and this attitude extended to his outside activities which centred around the Catholic

The Association of Commonwealth Universities is offering 10 to 12 travelling fellowship awards, to assist university administrators to visit other Commonwealth countries and to study matters of professional interest to themselves and of importance to their universities, in 1975. The fellowship is for up to three months and the grant will not exceed £1,250 sterling. It must be taken up within 12 months of the award.

The awards are available to members of the administrative staffs of universities in all Commonwealth countries but to be eligible a candidate must have at least five years' continuous experience in full-time university administration and must hold a post with a salary equal at least to that of a lecturer.

Anyone at ANU who is qualified and interested should ask the Registrar's secretary (ext.2385) for full details. Applications should be lodged with the Registrar by 20 December 1974.

REPORTER

The Reporter is published on the second and fourth Fridays of each month and contributions are welcome from departments and from staff and students. The next issue, the last for 1974, will be published on Friday 13 December. The deadline for general copy is 3pm Tuesday before publication (Tuesday 3 December). The deadline for diary notices and classifieds is the same date and time (3pm Tuesday 3 December).

schools and church in Queanbeyan.

For many years he was secretary of the schools' Parents and Friends Association at Queanbeyan and these schools have now lost 'Mr Fixit'. Very few people follow Ken's devotion to work and outside interests. In fact each year he took at least two days' recreation leave to organise and carry out fire drills in the two Catholic schools in Queanbeyan. He preached fire drills at work and implemented them where he felt they were needed both on and off campus.

Until three days before Ken passed away neither his associates, nor his family, knew of the seriousness of his condition which was a secret between him and his doctor be aware of his allotted time and to have seemingly normal approach to life and shows a strength of character and courage which I do not possess.

Ken Walls was a stalwart of the Engineering/Services Section, on whom everyone depended and I, for one, will remember him with admiration and respect.

—E.W. Simmonds
Chief Engineer

Visitors in the University

Newly-arrived visitors are invited to supply information for inclusion in this column. A short form setting out details needed is available from department/unit/centre secretaries, and should be sent to ANU Reporter, University Information, for inclusion in the next issue.

Dr Aldo Brillante, Laboratorio Spettroscopia Molecolare, Bologna, Italy, Visiting Fellow in Chemistry until 20 December; main interest – molecular spectroscopy of organic solid state. Room 2, RSC, ext.3573.

Dr J. Gressel, Weizmann Institute of Sciences, Visiting Fellow in Biological Sciences until 31 October 1975; main interest – developmental photobiology. RSBS, ext.4528.

Professor Gerth Higgins, Loughborough University, Visiting Fellow in Continuing Education; main interests – exploration of new trends in field of continuing education. CCE, ext.2892.

Associate Professor Masaaki Horiguchi, Tohoku University, Sendai, Japan, Leverhulme Fellow in Biochemistry for four months; main interest – biochemistry of carbon-phosphorus bond. Room 3079, JCSMR, ext.2032.

Angelo Peccerillo, Istituto di Mineralogia, Petrografia e Geochimica University, Florence, Visiting Fellow in Earth Sciences for seven months; main interests – petrology and geochemistry of igneous rocks. Room 207, Jaeger Building, ext.3350/3406.

Dr S.B.D. de Silva, Institute of Southeast Asian Studies, Visiting Fellow in Economics (RSPacS) until mid-December; main interests –

Letters to the Editor

STAFF CENTRE ELECTION

Membership of the Parliamentary Mushroom Club a few years ago must have been enlightenment itself compared with membership of the A.N.U. Staff Centre, then or now.

At the time of writing, nominations are being called for elected members of the Governing Body of the Centre. Candidates have been asked to supply biographical notes for the information of members while voting. They have not been asked to make any statement of the policy they might pursue.

On reflection, it is perhaps as well that policy statements have not been invited, since new candidates will not have any information necessary to form a policy. One can hope, for the want of evidence of any kind, that retiring members who nominate again may have this information, which might therefore give them an unfair advantage.

But members, who will shortly be invited to vote, will do so, as usual, in blissful ignorance. Rumours, of course, abound. There is talk of yet another increase in subscriptions; there is talk of an alarming trading loss, in the order of \$70,000 for twelve months. If either of these rumours is false, it would be immediately dispelled by the publication of reports. However, the precedents suggest no great likelihood of this. Even the voting figures in last year's elections were withheld.

I do not suggest improper practice on anyone's part and especially not the management and staff of the Centre. But I feel entitled to know where the money goes before being asked for a higher subscription. Is it so much to ask?

—Ian Simpson

LIBRARY PLANS

The possibilities of combining the humanities and mathematics sections of the Library is suddenly open to us. Full discussion of this should take place within the next few months. Judging from the account of the Librarian's draft submission for the long-term development of the Library published in the last issue of the *Reporter* there is a chance for us to end now the present division of the collection between the Menzies and Chifley Buildings, thus remedying what is widely believed to be a mistake of the past.

Seeing this the Faculty of Arts resolved at its meeting of 7 November to recommend the Board of the School that:

(1) the University's library holdings in the humanities and social sciences, including mathematics, should be housed together in the Chifley Building

(2) the University should aim to achieve within the next decade

a study should be made of the advantages and disadvantages involved in this proposal and this report should be referred to faculties, schools and centres for comment before major extensions to either the Chifley or the Menzies Building are undertaken.

It was only because of a happy coincidence in dates that the Faculty of Arts learned of and was able to consider the draft submission for the AUC for the first time on the day before it was considered by the University Council. As a result the Council has allowed an opportunity for discussion of an issue that is vital to many

of us. I hope that in the discussion those who use these library buildings will try to look at the factors involved with goodwill and an earnest desire to promote whatever they see as being in the best interests of the University.

It would not be in the best interests of the University if the discussion were to become an old Institute versus School type of debate, of which we had too much in 'the bad old days.' That too should be a thing of the past.

If the combining of the holdings is going to be more satisfactory for research, teaching and study, we should work to that end. I personally see the present division as a sad one. Research subjects, and particularly the finer problems, are not limited by these boundaries. Neither are students' courses. Besides, there are financial and administrative complications if the collections remain separated.

This will be particularly apparent in the next decade if it is left that the Menzies Building is extended in this decade and the Chifley only in the next. In this case it is envisaged that a large proportion of the books designated for the Chifley will be housed temporarily in the Menzies. But a balanced assessment of the academic advantages and disadvantages in combining the collections should be paramount.

At the same time I do also see the University becoming a much more exciting entity if members of the various disciplines, schools, centres and departments all concerned with the social sciences and humanities could meet together in the one Library.

Ann Moffatt
Classics

FORESTRY ELECTORAL CHANGES SOUGHT

In its Report issued recently the Committee of Inquiry into the National Estate draws attention to the serious threat posed to Australia's dwindling native forests by present commercial and industrial practices and official forestry policies. It trenchantly criticises the view that the over-riding purpose of forestry management should be the production of wood; and it recommends without qualification that 'all forestry authorities ensure that multiple use and conservative management of the Forestry Estate is a primary aim.' The Australian Conservation Foundation has also expressed similar views.

In the light of such authoritative comments Mr Routley's observations (*Reporter* 8/11/74) on the Chair of Forestry assume considerable relevance and urgency. The electoral committee for the chair and the advisory council on courses in the department appear to be heavily weighted in the direction of State forest services and professional foresters. No allowance seems to have been made for representation of conservation interests, or of scientific disciplines specifically concerned with environmental matters.

The Report of the National Estate defines 'the multiple use of forests' as that which will 'allow for increased recreation use, protection of wildlife values, protection of catchments, the setting aside within forests of special reserve areas, whether botanical, geological, historic or archaeological, as well as the production of wood.'

It goes on to point out that 'research, survey and planning for multiple-use management must involve other specialist and generalist disciplines than those available within the forestry profession — biologists, landscape architects, geographers, engineers, geologists, archaeologists, all are necessary. This type of multi-disciplinary research is

still in its infancy.'

The South Coast Committee believes that the Australian National University is now faced with a unique and challenging opportunity to play a part in the development of this multi-disciplinary approach to the study of forestry. There is a clear danger, however, that this opportunity may be neglected.

The danger could perhaps be avoided if conservation groups responsibly concerned with forestry and independent scientists within the academic community with an interest in environmental matters were properly represented on the electoral committee for the Forestry Chair and on the advisory council on courses in the department.

It may be objected that the policy of involving outside bodies in the running of university departments is undesirable. The Department of Forestry, however, appears to be very deeply committed already to such a policy.

The South Coast Committee therefore suggests that the Australian National University consider widening the scope of the electoral committee and the advisory council, and in particular that it consider inviting representatives of conservation interests to become members of these bodies.

The South Coast Committee, which has been particularly concerned with forestry issues, would be willing to nominate members to serve in this capacity; and we believe that it would be appropriate for the University also to approach and to seek the advice of the Australian Conservation Foundation and the Interim Advisory Committee on the National Estate.

—R.F. Brissenden
President, South Coast Committee

SAVE THE FOOTBRIDGE

I trust my friend, Ed Simmonds, will not regard a pedestrian survey of the footbridge by the Chifley Library (not Canberra Bridge as in the *Reporter*) taken in October of this year as indicative of normal use of that pleasant as well as useful adjunct to the campus.

The mountains of earth which have been gradually piling up in the paddock between the Chifley Building and the Chancelry over two years (beginning long before the present improvements to Sullivans Creek started) have put what I hope will only be a temporary stop to a much used footpath from the NW to the SE quarters of the University precincts.

The evidence for this usage was strong in the form of soil and rock worn bare diagonally across this area from the bridge to the Chancelry. I was a regular user and saw its employment grow steadily over the years. But the clay has put a stop to it and people have taken to longer ways round. I look forward to the days when the dirt would be spread out and the ground level raised so that one's precious glimpse of Tidbinbilla and the Brindabellas would be enlarged.

But perhaps walking for the sake of it and aesthetics will not persuade the University of the value of keeping this bridge crossing in being. Therefore let us turn to practicalities. The height of the arch over the creek bed and regular watching of the creek since I moved house from Ainslie to O'Connor some 18 years ago lead me to ask how frequently did the flow reach up to this arch to be hindered by it and how frequently will this happen in future after canalisation lower down (towards the completion of which I would pray to the weather gods to relent if I were inclined to praying)?

Do the incidence of this obstruction and the magnitude of its effects really warrant

demolition of the bridge? Has the alternative of widening the stepping stones down to the lake been considered as another means of steepening the grade and so hastening the flow through this area above?

If these questions have been satisfactorily answered in the sense of supporting demolition, I think a further question must be asked of the University. Do not other considerations warrant the construction of a higher level foot bridge here which will not hinder flow at all? Removal of this bridge will inevitably deflect some of the present traffic to the bad dogleg intersection of North Road, University Avenue and Sullivans Creek Road.

As more and more traffic — vehicular and pedestrian — develops through the University, the more dangerous this nexus becomes, as I witness daily either as pedestrian or motorist. It was the gravest of mistakes of University planning to eliminate the part of the Simpson plan for peripheral vehicular movement which called for closure of Sullivans Creek Road between University Avenue and the entry to the Maintenance Area (and by now also to RSBS). This mistake leaves open one of the two through-routes which the University provides for non-University motorists hurrying to work and racing faster back homewards at teatime. This route from Belconnen and the western part of North Canberra to Commonwealth Avenue and the hospital attracts more and more users as pressure builds up on routes rounding the University site.

Given this planning decision, it would be wrong to eliminate a pedestrian route which deflects some usage from that dogleg intersection. A new footbridge would surely be paid for by avoiding a few accidents. In any case what price the declared University aim of encouraging movement on foot and on bicycle through the central areas of the campus?

It is a separate issue but will save a separate letter. Given the perpetuation of this traffic snarl by the Union building, surely the University should really see to proper policing of parking regulations in its immediate vicinity during the evening as well as during the day and surely it should provide powerful lighting at night. I grimly await reading, worse seeing, worse still participating in the first fatal accident at this point.

—Joe Jennings

The Chief Engineer, Mr Simmonds, comments:

The survey on 15 October and comments of students and staff appear to justify the present location of the footbridge. A very brief summary of pedestrian usage on that day was University Avenue 2741, footbridge 795, Canberra Bridge 468 and the stepping stones 128. Replacement of the bridge at a higher level would eliminate the hydraulic bottleneck. Other possibilities are also being investigated.

The area south of Chifley Building now covered by the piles of spoil will become a sports oval mainly for intra mural sports. This oval has been shown on the approved site plan since 1970, and in fact its construction should commence in 1975 as the Sports Union, which requested the oval, has the money in hand.

Pedestrian movement across this oval should be discouraged because of the tendency to create sheep tracks across the oval.

The ring road system shown in the Simpson plan is still considered to be the ideal pattern and the reason for it not being implemented has been the shortage of funds allocated for site works and services.

For instance, in the physiology section, the program includes discussions on aspects of taking the pill, heart disease and the medical challenge presented by asthma.

Student ANZAAS, the section devoted specifically to secondary student participants, will have sessions on cosmology; the origins of the earth and the evolution of life; on the emigration to Australia of plants, animals, people and disease; on psychology; on the media; on society and the future; and on mining and conservation.

Tours, excursions and other social activities will be held in conjunction with the Congress program. Inquiries about the 46th ANZAAS Congress, the program, enrolment and accommodation can be made to the Executive Officer, 46th ANZAAS Congress, ANU (ext.4686).

ANZAAS Congress frames wide-ranging program to appeal to everyone

Organisers of the 46th Congress of the Australian and New Zealand Association for the Advancement of Science (ANZAAS) are urging people from all walks of life to attend the Congress in Canberra in January. A wide-ranging program covering the natural, biological and social sciences has been framed to make the Congress suitable for both specialists and interested members of the general community.

As well as scientists from teaching and research institutions, the ANZAAS Congress

organisers hope to attract people in industry, commerce and the Public Service, and anyone else interested in the issues raised by science in its broadest sense. Particular encouragement is being given to secondary and tertiary students, large numbers of whom have attended previous congresses; enrolment for full-time students is only \$6.

The desire of the organisers to present a forum to stimulate discussion on the relevance of Australia's science policies to the needs of the modern age is reflected in the Congress theme: 'Science, government and the people'. Nine broadly-based symposia have been programmed to deal with various aspects of the theme, such as the role of the Government in science, Australian security and resource diplomacy, science and human aspirations, and tech-

nology as it affects people. As well, a grand symposium will be held at which the Prime Minister or, in his absence, a senior Minister, is expected to speak.

People enrolling for the Congress, which will be held at ANU and the Canberra College of Advanced Education from 20-24 January 1975, will also be able to attend any of the sessions of the 30 sub-sections in the program. These deal with various areas of science but once again have been drawn up to be of value to both the specialist and lay person.

Topics such as architecture and town planning, criminology and forensic science, and industrial relations are included as well as the more traditional disciplines, like physics, chemistry and geology. But even in the more scientific sections, matters of wide general interest are to be presented.



The ANU first rowing eight, after winning a local regatta at Yaramundi Reach recently. The crew, from the bow, is: Andrew McIntosh, John McCaffrey, Richard Garnett, Bill Rankin, Richard Champion, Terry Foulds, Michael Body, Keith Currie and cox Geoff Young. (Photograph by Scott Jones).

Classified

The deadline for classifieds is now 3pm on the Tuesday week before publication (Tuesday 3 December for the next issue, 13 December). Advertisements which must be brief, can be placed by members of the University and should be sent to ANU Reporter, University Information. Advertisements cannot be accepted by telephone.

For Sale

Victa reconditioned mowers ideal for coast, *Victa* mower and outboard combination, reconditioned. K. Jeffries maintenance depot. 97 4151ah.

Hermes portable typewriter, good condition, \$30 ext. 2106.

VW 1961 very faithful, good engine, \$350. Available mid-December. Owner going overseas. Ext. 2106 or 731891ah.

Ironing board \$5 good condition ext. 2106.

Sony cassette tape-recorder, mains or battery, built-in microphone, \$50 ext. 2106.

Boy's bike, 27" Speedwell GTS, many extras, very good condition, \$65; vacuum cleaner *Pye Technico*, \$20. Ext.3761 or 861137.

House in Hawker, high with views to Brindabellas, Aust. traditional style, 2 years old, includes 5 bedrooms, 2 bathrooms, large lounge/dining, kitchen/family, laundry, separate double garage, established gardens, native at front, mixed at rear inc. almonds, apples, strawberries, \$47,900. 497900bh or 543642ah.

Dining or kitchen table, solid wood, turned legs, \$25; nest of 3 occasional tables, \$15; two cane chairs, curtains - various sizes. 814214.

House in O'Connor, full brick, comfortable and convenient, 3 bedrooms, fully carpeted, curtains, air conditioned, sheltered elevated position, garage under, some furniture and new automatic washing machine. Easy walking distance ANU and CSIRO, available early New Year, \$35,000. 480696 or 489050ah.

Austin Healey Sprite 1963, Mk IIA. Ext. 2342 or 470949.

Life jacket, Taft buoyancy vest, medium size, \$8. Barbara Francis, Burgmann College. *Clavichord* (Morley) \$990; carriage clock; 18th century fans; facsimile Victorian toy theatre (card), \$6.50; Lydekker 19th century marsupial colour prints, \$5; set of Carroll c. 1890, \$50. 731677

Whitewood chest of 5 drawers, \$20; child's desk and chair, \$7. 654991 or 863162ah.

Bicycle, boy's blue dragstar, good condition, gears, lights, brakes, speedo and parcel carrier, \$50ono. Ext.4004.

Torana '72 SL 4 dr, 6 cyl. automatic, extras, only 9000 miles, \$2,800. Moffatt, ext.2901 or 2051. (Messages 2828bh).

House in Waramanga, 4 bedroom, spacious lounge/dining, ideal for children, excellent views, well established low maintenance garden, \$36,500ono. 881736.

Six wooden crates, large, strong, need slight

repairs, reasonable offers accepted. Mr Corson, 474231ah.

Valiant VIP, VE, V8, 1968, excellent condition, reg. till August 1975, 62000 miles, owner going overseas, \$1,550ono, ext.4493 or 821770ah.

Electronic calculator, brand new with exponential, trigonometric functions and memory system, \$88ono. Ext.3169/3572.

Imported 1975 calendars, Paul Klee, \$11; Munich State Gallery collection (contemp.), \$6.50; veteran cars, \$4.75; limited supply. Seevwen, ext.2072 or 498168ah.

Empisal knitting machine with wool winder and table, \$70. 34/24 Moore Street, Turner. *Handcarved Chinese teakwood chest*, medium size, specially made to order, \$75ono. Ext. 4714 or 478879.

Honda 100CB, 1973, 4,000 miles, 11 months rego, \$300. 475352.

English high-wheeled pram, Marmot, excellent condition, inc. storm cover and sun shade, \$80; dinkie trike, \$10; tricycle, \$15; small bicycle 10", \$20. Ext.2877 or 956431.

Aranda 3 bedroom brick veneer house, 13.5 sq. Large lounge, dining room and separate kitchen, terrace, patio area and separate lockup garage. Mini care, garden largely natives, fruit trees, and vegetable, \$38,000. 512013ah or ext.3441.

Steelcraft pram with storm cover and shopping bag, \$25; toddler's seat, \$3; changing table, \$5; bouncinette, \$3; ext. 2358 or 485634..

G.E. 20 heated rollers in case, \$27; *Pye vacuum cleaner* with attachments, \$10. Fred Schaeffer, ext.3417.

House on Wheels, 22ft Viscount caravan, excellent condition, 36 months old, ideal investment at \$3,500. Ext.2273bh or 486493ah.

Squash racquet, Oliver with fibre-glass shaft and synthetic gut strings, \$18; Hoover twin tub washing machine, reconditioned, excellent condition, \$70. Ext.2056.

Holden station wagon, 1968, HR, automatic, special, very clean and reliable, \$995ono. Gerdes, ext.2940.

Poodle puppies, miniature, pedigreed and registered with C.K.A., various colours. Available December 13, ext.2650 or 814099.

Compound cookbook, 2nd edition still available from University Bookshop or E. Embleton, 816405.

Holden, 1970, HT sedan, rego till Sept.'75, 56000 miles \$1,200. 5 Eaves St, Holt or 545194.

TV 21" Astor Royal, rosewood cabinet as new, \$60; 2 flywire screen doors 7'2"x3' aluminium unused, \$20 each. 959922.

Datsun 1600, sports, rego till Aug.'75, hard-top, mechanically good, interior and exterior fair, \$800ono. Ext.4334, Dwain.

Wunderlich window frame, aluminium, anodised finish 7'x4'3", 1 fixed and 1 sliding frame, fully glazed, new, \$50; mailbox, made from genuine oak wine cask, excellent condition, offers; metal mailbox, \$10; Titan, 135mm, F3.5 Telephoto lens, with lens hood, mint condition, fits pentax etc., \$20; Kalimar, photoelectric exposure meter, leather case, \$10; small tripod, \$5; projector screen, suspension type, no tripod

support, undamaged, \$10. 882445ah.

Refrigerator, 6 cu.ft. GE, push button defrost, good condition, \$60. Ext.2887 or 863742.

Lightmeter, Leicameter MC, couples direct to M2, M3 or M4 body, \$15; I. Mackenzie, ext.2205.

Swimming pool, Clarks above ground, 16'x12'x36" oval shaped, filter, all accessories, used one summer, \$175; Hoover delux twin tub washing machine, automatic rinse, good condition, \$85. Phone 544800. *Stereogram with radio*, Kriesler beautiful redwood cabinet and record storage space, \$60; bookshelf, small with one door cabinet, \$10. Ext.3171 or 882783ah.

Hillman Arrow, 1967, dark green, in good condition, \$700 (market price \$850), must sell. Ext.3171 or 882783ah.

House in Cook, 3 bedroom, spacious living area with natural wood feature wall and doors, fitted carpets. Large private backyard, many natives, herbs and very productive vegetable garden, carport and shed. Phone 512357.

Valiant 1970, VF, automatic, good condition, \$1350; piano 10 months old, under guarantee, \$750; automatic washing machine, \$120; Singer electric sewing machine 10 months old, under guarantee, \$75; TV Phillips 23", \$50; Desk, \$12; table, \$15; Steelcraft baby walking and sitting chair, \$14; odds, etc. Phone 821185.

Axminster carpet, attractive pattern, 3 1/2 yards broadloom, as new, \$80; approx. 4 yards plain twist pile, tan-green, very good, \$50; prefab. wardrobe 4' wide, painted ready to erect, \$35. Ext.3246 or 487053.

Drapes Goroka blueberry, excellent condition, ready to hang. 1x10' window, 1x6'8" window, both floor length; 1x6'8" sill length, 4'6". Ext.4560.

Sewing machine, \$40; divan folds down to make a bed, \$15; motor mower with catcher, \$55; wardrobe, \$40. All items in good condition. Ext.2836 or 882783ah.

Ice skates size 10-1/2 hand made. Figure skates ideal for new ice skating rink, \$15. Ext.2056.

Mazda 1300 s/sedan, 1970. good condition, \$1500; *Mazda 1500 deluxe sedan* 1968, fully recond. engine \$1,300. Back ext.2405. *Beautiful Indian saris*. Ext.2650 or 814099ah.

House exchange

Visiting Fellow and family wish to exchange large 3 br house in Auckland near beach on North Shore for house in Canberra during 6 January to 6 February approx. Ext.4400.

Public notices

Lawn mower repairs, K. Jeffries, Maintenance Depot or 97 4151ah.

Typing, IBM electric, theses, essays, etc. 581482.

Squash. Why not try a game of squash in your lunch hour or after dinner. There are vacancies at the ANU Squash Courts for Sports Union members, Mondays thru to Sundays. Phone bookings ext.2273 or 497568, provided a \$1 credit is held at the Squash Courts' reception desk.

Tenders are invited from persons interested in purchasing two only Davey 5AMP-200V-1000W-DC-1450RPM Generators. The generators are approximately 17 years old

1ST YEAR STUDY CONTINUES

A party of 40 University members plans to persevere with a program designed to develop new approaches to teaching first-year students, initiated recently at a week long seminar held at Thredbo - and to endeavour to involve other staff members and students as well.

A follow-up meeting to the Thredbo shop, 'The First University Year' is to be conducted in room 209 of the Hayden-Allen Building, at 8.00 on Tuesday 26 November. Apart from pursuing further some of the issues raised at Thredbo it is planned to discuss possible future workshops.

The Thredbo workshop - held from Monday October 28 to Friday November 2 - agreed that future workshops should be planned jointly by organisers and participants, and that their programs should include tasks of a constructive nature.

Invitations to the workshop were circulated to all full-time members of the academic staff of the faculties and counselling services. A total of 36 staff members and four students attended.

and require repairs. Inspection may be arranged by contacting ext.2483 and tenders should be addressed to the Laboratory Manager, Research School of Physical Sciences, with the envelopes clearly marked "Tender". Tenders close on 29 November 1974.

Experienced typist willing to type essays, theses, etc., reasonable rates, 543849.

Lopping trees and garden rubbish removed 957040.

Wanted

Wheelbarrow. Ext. 2106 or 73 1891.

Safe and Sound car seat, \$10ono. 55 Carroll St, Hughes, evenings or weekends.

Fridge minimum 9 cu.ft.; free standing full length mirror; 4 drawer filing cabinets. Ext. 4467 or 884101 after 6pm.

Wanted to let

Family with two well-behaved children require a fully furnished house or flat from 1 January to end of February 1975 (2 months). 732501bh.

Furnished house 8-20 December. Interstate Professor, wife and family of four (11 to 17 years). Rental is assured by RSPHS, reasonably close to ANU desirable, contact Professor D.C. Peaslee, ext.2968.

Fairly cheap accommodation in '75 for a female 3rd year Arts student with a family, group, families or a student/academic household. Interested in alternative lifestyles, will do gardening and some housework, Denise Geary, Toad Hall, or after 24 Nov. 4 Jean St, New Lambton, Newcastle 2305.

Furnished house, 3 or 4 bedrooms, preferably north Canberra, by Visiting Fellow and family (2 children, 10 and 13) from late January to early August 1975. Contact Milburn, ext.3811ah or leave message 37.

Elderly N.Z. couple wish to rent house or flat (pref. Campbell/Reid area) from approx. 6 Dec.-3 Jan. Phone 498658.

Accommodation wanted

Flat, one bedroom, f.f., city or northern suburbs for young couple, ext.3315.

Flinders staff member visiting Canberra 19-27 January, seeks accommodation for family. Willing to exchange houses for the period. Ext.3049.

Furnished house or flat for approx. 3 months from June 1975 in London/environs. Could exchange with home in Melba, furnished, 3 bedrooms, garage, etc., ext.4560.

To let

4 berth caravan plus annex on site, Batehaven \$90 inc. electricity and gas. Ext.2877 or 956431.

One female required to share pleasant Lyneham residence with two males, \$14 per week. Dennis, ext.4569 or Rod, ext.4678.

Three bedroom house in Hobart, available for periods in December 1974 and January 1975, close to beach, university and casino \$25per week. Contact Mr K.M. Drake, Solicitor, 10 Victoria Street, Hobart.

Modern 4 bedroom f.f. house in Latham, available mid December for 12 months. No groups or pets. Ext.2934 or 541208.

Depot Beach house available December or February (no January). Surrounded by National Park with safe beach and views. All mod. cons, accommodates 6, phone 813386ah.