

## Grey power ready to pounce

The idea of an office or ministry for the aged has been bandied about for some time, but its crystallisation as an election promise gives credence to our senior citizens emerging as a potentially powerful political lobby.

'A major parliamentary report recommended the creation of an Office of Care for the Aged and in the recent buildup to the March 5 federal election both major political parties promised such an office,' says an ANU visiting fellow who was previously with the Social Welfare Policy Secretariat.

Mr John Hemer, on secondment from the Australian Public Service as Visiting Fellow in the Ageing and the Family Project, Research School of Social Sciences, says the new Labor Government has a commitment to create an office for the aged and 'it now being well past the election we can assume the ALP model for such an office is gestating.'

'The concept of such an office to focus on all or some matters relating to the aged, has been argued for some time and from many quarters,' Mr Hemer told *ANU Reporter*.

'It has been advanced as a mechanism that could coordinate the diverse programs the Federal Government presently provides for the aged.'

### Cracks

'It could tighten up policy planning so the aged are better served and could close the cracks between departments and programs through which some aged fall.'

'It could look after the interests of a group that hasn't, so far, fared well on its own when competing against other groups.'

During a recent seminar, Mr Hemer compared the role of an Office for the Aged to existing ones for children, women and Aboriginals.

'These were established when a target group was discovered politically,' he said.

'As part of this political discovery, a new group, and the office established for it, was initially given special status in the system—sometimes close to the Prime Minister and his office.'

'Over time, as the political impetus slows, the group's position of relative power and influence may be eroded—it may find itself

in a lesser ranking department or more locked into its own departmental structure with a consequential decrease in autonomy and profile.'

Despite not meeting all expectations and potential, the offices for children, women and Aboriginals had made significant progress toward their objectives as 'target groups,' Mr Hemer said.

'There is no reason to believe a specific Office for the Aged could not meet the needs and aspirations of its "target group."'

Mr Hemer said the McLeay Report focused on major problems in Australia's care for the aged and argued for significant changes including the creation of an Office of Care for the Aged.

### Support

Liberal ministers before the election indicated some support for the Report's recommendations, he said.

'The Labor platform and statements by Dr Neal Blewett, then ALP health spokesman, also ran with major components of the McLeay recommendations including the creation of an office specifically for the aged.'

However, the McLeay Report said such an office should supply policy advice only, but the ALP election promise combined the policy role with a complex administrative role and responsibility for spending the money, Mr Hemer said.

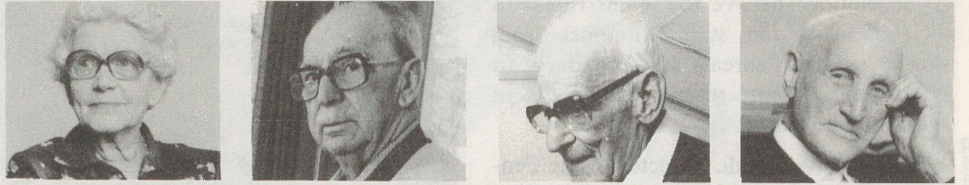
This raises the risk of the office being swamped as a dozen or more Federal programs would be involved with an annual budget of \$1000 million, he said.

In the seminar, and in a working paper now published, Mr Hemer argues that the development of an Office for the Aged should be staged over six to twelve months. This would allow gradual development and implementation of ALP policy without burying the office in a welter of detail before it got off the ground and was running smoothly.

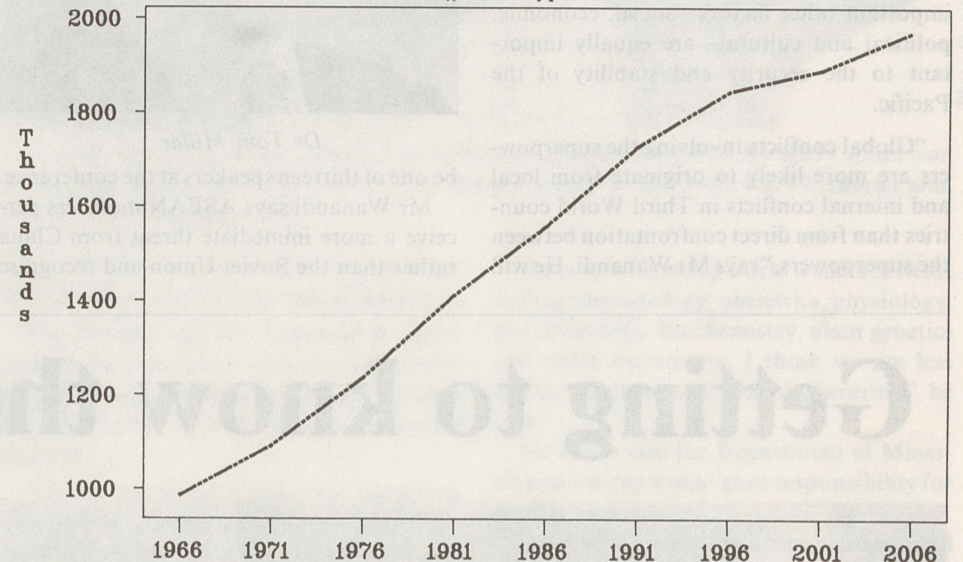
'If politicians have found the aged to be a political concern to the extent a specific office is justified, then the same political momentum may ensure an increase in resources allocated to them,' Mr Hemer said.

'But to achieve even some of the goals suggested, an Office for the Aged would require a clear mandate and muscle.'

'The potential and need is there for an office to develop a humane network of services for Australia's elderly.'



The Ageing and the Family Project, 'Our views of the elderly are often based on misleading stereotypes'



The Series 'A' projection of the Australian Bureau of Statistics, which assumes constant mortality at adult age, shows an elderly population of nearly two million in the year 2006

## 'Pushing ahead'

'The Government will be pushing ahead with its policy for an Office of Aged Care,' the Minister for Health, Dr Neal Blewett told *ANU Reporter*.

'The Office of Aged Care will not function as a general service area for the entire aged population, rather it will provide assistance to those with specific health or accommodation needs.'

'Currently the provision of home care services, nursing home and hostel accommodation is a responsibility divided between several departments.'

'The Office of Aged Care will unify administration of these programs.'

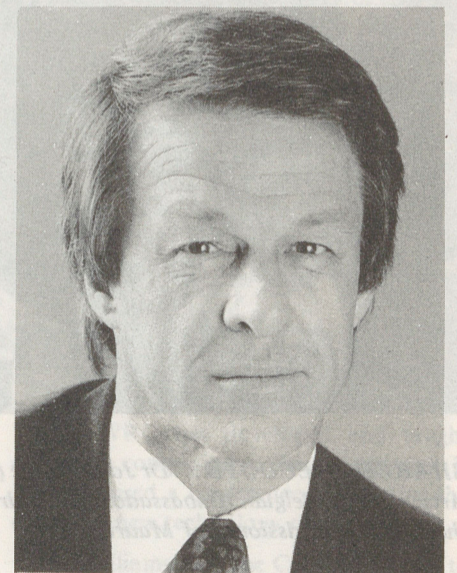
'Up until now the nursing home sector has received the vast majority of government assistance available. This sector has served, and will continue to serve, a valuable role in aged care provision.'

'However, I do not believe that any expansion of nursing home provision is necessary except in areas of specific need.'

'We are committed to increased hostel accommodation, and to providing more home care services to allow people to remain at home when they may otherwise be forced into a nursing home.'

'Already some State and local governments and welfare agencies have moved into this area, but it is largely neglected by the Federal Government except for the payment of a small cash benefit.'

'Like many good ideas the greatest difficulty will be in administering the policy fairly and efficiently. While the office will be established very soon, we will not be



Dr Neal Blewett

leaping into new aged care policies overnight.

'In home care provision I have no desire to impose a Commonwealth Government bureaucracy to replace existing providers.'

'We will best achieve our goals by gradually expanding the resources available to those already working effectively in providing community care—be they States, local government or private organisations.'

'I will ensure our aged care program is implemented to the benefit of those in need.'

'Before the end of this year I intend to be able to make announcements on specific projects to be funded,' Mr Blewett said.

### Report

House of Representatives Standing Committee on Expenditure. *In a Home or at Home: Accommodation and Home Care for the Aged. Known as the McLeay Report after the Chairman of the Committee, Mr Leo McLeay, MHR.*



Mr John Hemer

# Australia reflected in Asian eyes

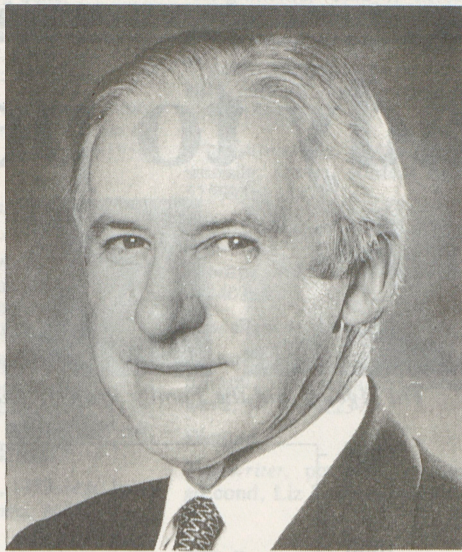
With no obvious softening of strategic tension between the Soviet Union and the United States, new perspectives are surfacing on the security and stability of the Asian region and its view of the role Australia should assume, says the University's Strategic and Defence Studies Centre.

The perceptions of Asian countries as reflected in their foreign and defence policies will be the central theme of an international security conference at the Centre, 11 to 14 April.

Members of the Association of Southeast Asian Nations believe the major threat to their security and stability comes from within—external threats are secondary, an Asian expert wrote recently in the Asian Wall Street Journal.

Mr Jusuf Wanandi, Director of the Centre for Strategic and International Studies, Jakarta, says while military balance is important other factors—social, economic, political and cultural—are equally important to the security and stability of the Pacific.

"Global conflicts involving the superpowers are more likely to originate from local and internal conflicts in Third World countries than from direct confrontation between the superpowers," says Mr Wanandi. He will



Dr Tom Millar

be one of thirteen speakers at the conference.

Mr Wanandi says ASEAN members perceive a more immediate threat from China rather than the Soviet Union and recognise

Japan must shoulder a greater share of the Pacific defence burden. However, Southeast Asian nations should have a say in clarifying just how far the Japanese military role should extend, he says.

Mr Wanandi believes the US, in its relations with its Pacific friends and allies, should recognise their greater diversity and manage policy consultations or policy coordination based on mutuality, even with non-aligned countries such as Indonesia.

In somewhat the same vein, Dr Tom Millar, Head of the Centre for Strategic and Defence Studies, Research School of Pacific Studies, believes Australians tend to look at the world through strictly Australian eyes and ask, in effect: How does the world we see impinge on us?

"In this conference, we're asking participants to take the other end of the telescope and become aware of how Asians see the world and Australia in it," Dr Millar told the ANU Reporter.

Dr Miller will give the opening address Tuesday 12 April.

The former Federal Minister for Defence, Mr Ian Sinclair, will address a conference dinner Monday 11 April in the Great Hall, University House.



Dr Donald McMillen

In addition to Mr Wanandi's address on ASEAN, the conference will focus on international and strategic perceptions from Korea, Japan, Vietnam, Middle East, The Gulf, Afghanistan, Pakistan and India.

Dr Donald McMillen, Research Fellow in the Centre and conference convener, will cover China, and Mr Paul Dibb, Senior Research Fellow, Department of International Relations, will speak on the Soviet Union.

## Getting to know the country



**SHARED ANECDOTE...** Dr John Ritchie (centre), Senior Lecturer in History, Faculty of Arts, with the Belgian Ambassador, Mr Andreas Domus (left) and Mr Mohammad Peerum, the High Commissioner of Mauritius.

More than one hundred members of the diplomatic community, including ambassadors and high commissioners, visited the University last week.

The visit started in the Oliphant Building where they were welcomed by the Director of the Research School of Physical Sciences Professor John Carver.

After seeing the film *The Australian National University*, they were given an illustrated lecture on Australian History by Dr John Ritchie, Senior Lecturer in History, Faculty of Arts.

After the lecture Dr Ritchie answered questions about Australia. Following tea the visitors split into two groups and visited the John Curtin School of Medical Research, where they were met by Professor David Curtis. Professor Kurt Lambeck showed them some of the work of the Research School of Earth Sciences.

The visit was organised by University Information as a part of the Department of Foreign Affairs 'Introducing Australia' program.

Each year Foreign Affairs runs the program to allow diplomatic and consular posts to report to their home governments about conditions and developments in Australia.

## Malaysia bound



Dr Colin Barlow

The Malaysian Government has invited an ANU agricultural economist to join an international task force to examine the rubber industry.

Dr Colin Barlow, Senior Fellow in Economics, Research School of Pacific Studies, is currently in Malaysia for a preliminary meeting.

The task force of eight experts, including leaders of US and Japanese industry using Malaysian rubber, is expected to spend eight months studying the situation.

Dr Barlow has a long association with the rubber industry in Malaysia, Indonesia and Sri Lanka.

He worked with the Malaysian Rubber Research Institute from 1963-69 and has written an authoritative work on the subject *The Natural Rubber Industry: Its development, Technology and Economy in Malaysia*. It was published by Oxford University Press in 1978.

In recent years Dr Barlow has worked in Indonesia, concerning himself, as in Malaysia, with the problems of small peasant farmers rather than the large company estates.

The price of natural rubber has fallen at the same time that labour has increased in cost, so the industry is presented with several problems. It is one of the most labour intensive of all industries, apart from tea, so there is a need for the industry to be examined and assessed,' he said.



**THE RESEARCH SCHOOL OF PACIFIC STUDIES...** since 1960, when the structure of the School was changed, has had five Directors, and all are working in the School at present. This photograph was taken to mark this fact before Professor D. A. Low leaves RSPacS to take up the Smuts Chair of History of the British Commonwealth, University of Cambridge. (Left to right) Professor Wang Gungwu (Director 1975-1980), Professor R. G. Ward (since 1980), Professor O. H. K. Spate (1967-1973), Professor Sir John Crawford (1960-1967), and Professor D. A. Low (1973-1975).

# Speak up and explain, scientists told

Australian scientists have taken a 'vow of silence' in the past few years and have not made the effort to explain their work to the public, says the Minister for Science and Technology, Mr Barry Jones.

'They realise they are highly qualified but in a perverse, egalitarian way, they think they should act like ordinary people and talk about football, racing and tax evasion.' Mr Jones said in an exclusive interview with *ANU Reporter*.

'During the Vietnam War scientists spoke out. Some have spoken out on environmental issues and the nuclear debate but currently the vow of silence reigns. This is a great pity as their work is exciting and should be more publicly discussed.'

To aid his fellow parliamentarians update their scientific knowledge Mr Jones proposes to form a Joint House Standing Committee. Scientists will be called in to discuss a range of scientific issues. This would inform parliamentarians of latest scientific developments and involve them in issues of great significance such as Antarctica, the importation of live foot and mouth viruses, robot technology and the communications revolution.

## Australia prize

In addition the new Government intends to establish a major prize, known as The Australia Prize, for outstanding achievement in the social, biological and physical sciences. It will be an international prize and will be administered by the Academy of Science. The prize will be worth at least \$100,000.

Mr Jones said he was concerned about talk that Australians were over-educated.

'It is the opposite. Compared with Japan and America we fall woefully behind. It's not that we are over-educated—it's that our students don't know enough about anything. We are not rigorous enough in our standards.'

'In America 28 per cent of university students continue to PhD level; only 5 per cent of Australian university students continue to PhD. In America, on a pro rata basis, three times as many students study science at universities than in Australia. We are a nation of underqualified people. We seem, along with New Zealand, to accept the British view that the working classes are ineducable. By contrast, in Japan 88.1 per cent of 17-year-

olds are still in school. In Australia only 31 per cent of 17-year-olds are in school.

'PhD students in America go to another state for their higher degrees. I would like to see the same thing in Australia.'

'We enjoy the view that we are fearless adventurers. That myth needs to be exploded. We are a timid group. We want our mothers to give us a cut lunch. Our students should be more ready to move from one university to another as they do in America.'

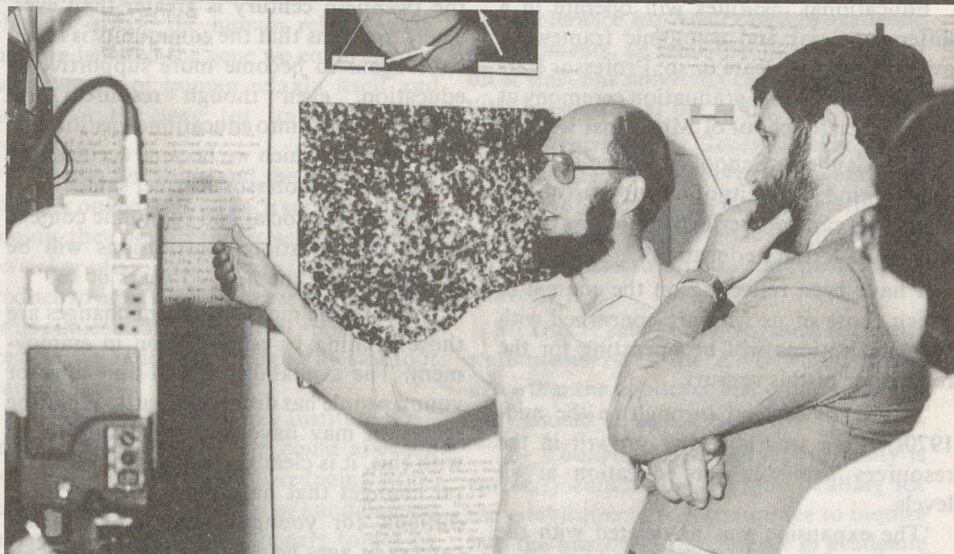
The Minister said he would give moral support to the Minister for Education, Senator Susan Ryan, to encourage the age group between 15 and 19 to stay in the education process. 'We have to create the climate of opinion that fosters higher education and realises the value of it.'

The Minister said any decision to increase the number and value of postgraduate fellowships in science was subject to current budgetary constraints. When asked whether he was sympathetic to pure, frontier research, he replied, 'Yes, yes, certainly.' Turning to biotechnology the Minister said it was well known that he had a passion for it.

'I want to see the creation of a biotechnology industry in Australia. It is not something that can be stimulated in isolation. As I see it, it is like the Australian film industry. In 1970 the industry was dead as mutton. By the injection of money we encouraged film production, we created a niche in the world market, there was public acceptance and appreciation at home which created a desire for more films.'

'I see the transfer of technology to industry in the same way. It will be stimulated by the discoverers. We have a leading edge on the world scientific race. It would be desirable if, in future, projects such as the manufacture of the birth hormone relaxin could be carried out in Australia, rather than by Genentech Inc. of California. Similarly, the multiple project chip coordinated by CSIRO with participation by ANU and other bodies is also being manufactured in California.'

## EXCLUSIVE



During an Open Day at the John Curtin School of Medical Research Mr Barry Jones was shown diagrams of retinal functions by Dr Brian Cleland, Senior Fellow in Physiology and PhD student Rachael Wong.

'We have to establish both a local market and overseas niche for our own technology.'

The Minister said his Government would endeavour to carry out the promise made by the Liberal Government during the elections to fund new biotechnology research projects.

'This is obviously subject to budgetary constraints. Preference will be given to research carried out jointly by institutes. Mr Jones said he also hoped to increase ARGC grants for basic research funding with them pegged at 10 per cent above inflation. 'Of course, the same budgetary constraints apply here.'

Turning to the international standard of Australian research, Mr Jones noted that Australia was to the fore in all branches of medical research.

He agreed with remarks made last year by Professor Peter Bishop of the John Curtin School of Medical Research, the doyen of Australian physiologists, that the 'cultural cringe' in Australia was 'well and truly over.'

'Australia is among world leaders in fields such as immunology, obstetrics, physiology, pharmacology, biochemistry, plant genetics and radio astronomy. I think we are less strong in chemistry and engineering,' he said.

Mr Jones said the Department of Minerals and Energy would have responsibility for nuclear research.

'Although it is doubtful that Australia will use nuclear energy, we need to be well aware of the processes and to understand the science of it.'

The Minister said it was 'too narrow a view' to follow a policy of giving preference to Australians in academic appointments.

'Science is international. Australia wants to keep its end up in international science, yet should be able to draw on the best people in the world market.'

The Minister said he would like to see Australian newspapers devote more space to science and technology. '*The Age* and *The Australian* make an effort to report science accurately but other papers give science scant attention.'

## Battling unemployment

More than 240 members of the University and the Royal Military College, Duntroon are working on the problem of unemployment.

These staff members, 60 per cent non-academic and 40 per cent academic, contribute from \$1-2 a fortnight from their salaries to support the Work Resources Centre.

The Work Resources Centre was founded two years ago at ANU to provide up to date, accurate information on unemployment. It also assists those who work with the unemployed in the ACT.

The Project Manager, Mr Paul Williams, said that for a long time unemployment "wasn't seen as a possibility" by staff in universities.

'Many middle class employed people thought of unemployment as something that occurred "out there" but did not affect people they knew. Some even thought the unemployment figures were exaggerated.'

Apart from having the most accurate data on campus on unemployment the WRC aims to improve the situation by devising programs to stimulate work.

'The WRC has developed and taught courses in computing to the unemployed. It has organised a conference to examine the effects of new technology on work.'

Mr Williams says the Centre has been to the fore in recommending job generating activities to the ACT Employment Task Force.

'All groups in the University interested in unemployment can use our comprehensive library. Many of our members have expertise that could be used more productively.'

Mr Williams, who is an honours graduate in Social Anthropology from the University of Western Ontario sees the Centre as a bridge between the University and the external community.

'The Centre would like to see more staff from the TAFE, Canberra College of Advanced Education, the Department of Education and the CSIRO contribute.'

'Staff in Universities can no longer say they would like to do something to help but don't know how.'

Mr Williams can be contacted on 494484.



If you have been eating up time drawing graphs or otherwise struggling to represent statistics graphically then head down to the Computer Services Centre. You don't need computer experience. The centre has invested a considerable amount of money recently developing its computer graphics equipment. You insert the information and the machine

does the rest producing black or coloured illustrations of your information for papers, overhead projectors or slides. Erin Brent, shown here, produced the graph on page one in five minutes. However, she won't produce your graphs or graphics for you, she will show you how to produce them for yourself.

Photo Stuart Butterworth

# Change of course for education

There are signs the community is once again ready to become more supportive of education, but resources are unlikely to flow into educational institutions at the same level as they did in the 1960s, says the Vice-Chancellor, Professor Peter Karmel.

Educational institutes will operate in a different social and economic framework over the next 15 years or so, Professor Karmel said during the graduation ceremony at the Canberra School of Music last week.

'The Canberra School of Music is a very special kind of institution, but it is one of many that can be described broadly as "institutions of tertiary education."

'I have been reflecting on the context in which those of us who are concerned with such institutions will be operating for the remainder of this century.

'In the 1960s, and through to the mid-1970s, there was a steady growth in the resources available for education at all levels.

'The expansion was associated with the affluence of the community, the perception of the value of education on the part of young people and their parents and teachers, widespread shortages of highly skilled manpower and the optimism of the postwar era that saw education as a spur to economic growth and a means for equalising opportunities.

'In the mid-1970s the situation changed radically. The very success of our educational institutions in increasing the proportion of qualified people in the community overcame manpower shortages; economic recession and stagnation reduced the wherewithal for education expansion; and pessimism replaced optimism, producing antagonistic perceptions of education in the community at large. Governments began to take an increasingly instrumental view of education.

'These changes were accompanied by more emphasis on vocational training as distinct from general education and by a retreat from participation in higher education on the part of the young.

'In spite of all this, the potential that education has to contribute to life for the rest of

the twentieth century is greater than ever. There are signs that the community is ready once again to become more supportive of education, even though resources are unlikely to flow into educational institutions at the rate to which we became accustomed in the 1960,' Professor Karmel said.

'What is the social and economic context in which educational institutions will be operating over the next 15 years or so?

'Perhaps the most significant changes are those relating to participation in employment. The availability of full-time jobs for young people has declined greatly. While the recession may have had something to do with this, it is clear there have been structural changes that have made it much more difficult for young people to commence careers at ages below their early twenties.

## Apprenticeships

'The existence of the apprenticeship system has, to some extent, protected young men from the rigours of the labour market, but this protection is unlikely to be maintained.

'Over the past few years the decline in full-time jobs for the young has been accompanied by a decline, also, in the participation of the young in full-time education—a perverse reaction, resulting in substantial youth unemployment.

'For the future a richer range of activities will have to be provided for young people, including combinations of part-time employment and part-time education. Society will have to take some responsibility to prevent young people being pushed into unemployment.

'Full-time employment for older people, say over the age of 55 years, is also declining. They, too, will be seeking alternative activities.

'In the most active age groups in the work-



Professor Peter Karmel

force, say 25 to 55 years, there have been opposing trends for males and females. Female participation in the workforce has risen greatly in the same way as it has in education. For all persons there has been a significant growth in part-time or fractional employment and this can be expected to continue.'

'Over the past years there appears to have

been an increase in the skill requirements of a big range of jobs. Unskilled jobs, particularly in farms and factories, have declined; and white collar jobs requiring greater skills have been on the increase.

'A rising proportion of the workforce is engaged in service industries: these demand higher levels of general education and special skills and talents. Tourism, entertainment and the arts and crafts are examples,' Professor Karmel said.

'All these trends have taken place and will continue to take place in an atmosphere of visible technological and social change to which our economy and our society will have to adjust. Moreover the expectation of life has been increasing—the average person can expect to live to over 75 years if a man and to nearly 80 years if a woman.

## Old fashioned

'In the context of all these factors the old-fashioned idea of a man's life being divided into the three stages of school, work and retirement; and of a woman's into school, family and widowhood is no longer relevant. For men the long-run trend has been that much less of one's life is spent at work; and for women much less in family nurture.

'People will have more time to enrich their lives by seeking learning opportunities; and quite apart from enrichment, technological and social change will require a continuing process of up-dating and retraining. The large increase in the proportion of mature age students in institutions of tertiary education, and indeed, in some places, in secondary schools, is evidence that this trend is well on the way.

'If the context in which we will be operating for the rest of the century is as I have outlined, educational institutions will have to provide a network of diverse learning opportunities. Diversity among the institutions is itself desirable and specialised schools, such as the Canberra School of Music, aiming at high standards of excellence and at nurturing creativity, have a special role to play,' Professor Karmel said.

## Transition from school to life

The national Clearinghouse on Transition from School has received from the Commonwealth Department of Education a grant of \$51,000 to support its work during 1983.

The National Clearinghouse on Transition from School, Department of Sociology, Research School of Social Sciences, was established in November 1981.

The motivation for the project comes from the current social interest in the transition of students from school to adult life that has led to a variety of policies, research studies, programs and provisions in the area. Because of the increasing activity, particularly in research studies and practical programs, it has become difficult for those interested in the field of transition to know what is being undertaken, by whom and where.

The Clearinghouse has been established to provide information on activities in transition and youth affairs which will allow anyone interested to know what work others are doing, particularly in research and evaluation, and to make contact with other workers. It also provides a basis on which closer links may be developed between policy-makers/administrators, researchers and program workers. The information being collected is mainly Australian in

origin, although important developments overseas are included wherever possible. The Clearinghouse is also progressively establishing links with institutions overseas that are closely involved in the transition area. For example, the Department of Education and Science, the Manpower Services Commission in the United Kingdom, the OECD Secretariat and various university centres in the U.K. and the U.S.A.

In scope, the Clearinghouse covers the full range of research disciplines and policy areas that are concerned with the economic, educational, social support and other aspects of information relating to or affecting young people in their transition to adult life. Included also is information on areas of problems or disadvantage that may affect ethnic groups, young people in rural and isolated areas, girls and women, early school leavers, those who suffer financial disadvantage and poverty.

The Clearinghouse disseminates information through a quarterly package consisting of a newsletter and a collection of abstracts.

The newsletter provides information on developments and projects affecting young people and provides a forum for discussion of issues and expression of views. It includes substantial book reviews, summaries of research on particular areas of interest and a

Review Paper presenting analysis and comment on issues affecting young people.

The abstracts are of a length and style to be informative and readable. They are arranged in four categories: Section AB, covering policy, social development, analysis and research; Section C dealing with programs and program evaluations; Section D, program materials. Section E is a miscellaneous listing of relevant periodicals. These materials are free of copyright. They are available on request and free of charge. Among current users and contributors throughout Australia are government departments and agencies dealing with education, employment/unemployment and social welfare; a wide range of non-government organisations and agencies interested in young people; tertiary and TAFE institutions; schools and libraries.

## Berrima expedition

The Friends of the Library are organizing a further visit to Berkelouw's Book Barn, Berrima, on Saturday, 30 April, leaving from the Menzies Building at 9.00 am and returning at 6.00 pm. The cost will be \$9 a person, payable in advance or on the coach. Reservations must be made with Margaret Gillespie (2981) by Thursday, 28 April.



Mr Roy Bugden has retired from the University after more than 21 years. He worked in the stores section of the Zoology Department in the Science Faculty. Mr Bugden was forced to retire because of ill health.

# Birth hormone paying dividends

The University is poised to receive, in conjunction with the Florey Institute at Melbourne University, a percentage of the royalties from the commercial development of the birth hormone, relaxin, which will be manufactured by Genentech Inc. of California, the recognised world leader in commercial genetic engineering.

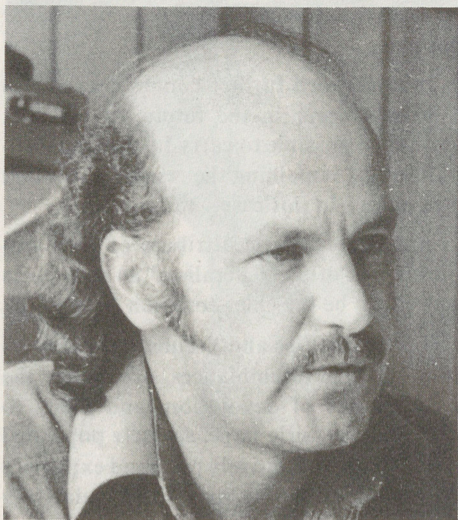
Relaxin is produced by the ovary during pregnancy and released into the bloodstream just before birth to soften the pelvic ligaments and cervix, thus facilitating the birth process.

The University's potential royalties derive from the cooperative work done by the Florey Institute with Dr John Shine, Fellow in Genetics, Research School of Biological Sciences at ANU.

The Florey Institute of Experimental Pathology and Medicine began work on relaxin in 1976. They had a team of more than ten scientists working on the project when Dr Shine returned from the University of California in San Francisco in 1978.

Dr Shine had won a reputation for his work on gene cloning and had been offered a position with Genentech, but chose to come to ANU.

'At that time the Florey Institute had isolated pig relaxin. It was my task, in a collaborative program with them, to apply DNA gene cloning methods to isolate and determine the structure of the relaxin gene in several different mammals, including man.



Dr John Shine

'From a knowledge of the structure of the gene, we hoped to be able to predict the structure of the human hormone.

'Our first aim was to clone the rat relaxin gene which we achieved in 1981. The pig gene came next. We chose pigs as they have multiple births and appeared to require large

amounts of relaxin. We successfully cloned the pig relaxin gene in late 1981.'

Dr Shine said their crowning success was then to use the pig gene to isolate the human genes. 'In effect we used the pig gene to search through random clones of human DNA to isolate the human relaxin gene. Once we isolated the gene we could predict the structure of human relaxin itself and thus pave the way for its commercial production.'

Although Dr Shine and the Florey Institute took out patents on each successful gene cloning, they predict that it will be the commercial production of relaxin that is likely to produce royalties. 'Of course it will take time for its clinical testing. Medical approval and possible marketing are probably at least four years away.'

The Director of the Florey Institute, Professor Denton, said relaxin could alleviate problems at childbirth, thus reducing situations that lead to malformed or handicapped babies. As the hormone appears to act by dissolving and remodelling connective tissue it may also prove useful in the treatment of arthritis.

Dr Shine, who was assisted in the relaxin work by research assistant Marguerite Cronk, is currently working on several other hormone genes as well as on nitrogen fixation in plants.

# Australian preference 'not an issue'

The preference for Australians in academic appointments, an issue that has been raised on at least one university campus, has made little impression at the ANU.

The Registrar, Mr George Dicker, when asked by the *ANU Reporter* last week, said there had never been any suggestion of adoption of a general policy of preference for Australians to fill academic posts at this University.

Mr Dicker said he believed most academic staff members at the ANU would firmly agree that the applicant best suited academically should be appointed.

The Council of Macquarie University is currently considering a motion calling for the establishment of a committee to inquire into the question of preference in academic appointments for Australian residents. The motion was put forward by Professor Bob Connell, who said giving Australians 'preferential treatment would raise staff morale and ensure a career structure in Australia'.

Mr Dicker said the ANU had a clear policy regarding academic appointments: the most suitable person was appointed to the position regardless of race, colour, nationality, creed or sex.

Mr Dicker said one of the recommendations of the Senate Standing Committee Report into tenure of academics, tabled in Parliament in September 1982, was that where overseas applicants were being considered preference should be given to those from countries who gave similar appointment access to Australians.

The Committee recommended that the Commonwealth Tertiary Education Commission make an examination of any specific disabilities experienced by Australian academics attempting to work overseas, so that the Commonwealth Government could make appropriate representations to the relevant overseas authorities, he said.

# Right bawdy little ditties dying

The tradition of men singing bawdy ballads round the keg is dying out in Australia.

This is the view of Dr Don Laycock, Senior Fellow in the Department of Linguistics, Research School of Pacific Studies, who has recently published a book of bawdy songs.

'Shearers and drovers were keen singers of bawdy ditties. They were far from the company of women and to prove to one another they weren't homosexuals, they competed with each other in singing and composing dirty verses.

'The tradition was kept alive among university students. Indeed this is how I learnt most of mine, at the University of Newcastle and often heard several versions of the same song.'

Dr Laycock said that during the late sixties women joined in the singing, but feminists objected to them as they were usually about women.

'Maybe they died out after the student revolution of the late sixties and early seventies. But I think they are still sung at football club shindigs.'

Dr Laycock started collecting 'bawdry' in his second year at university.

'Nobody else was writing them down. Once I started, friends dug up other items. My first job was in South Australia where the Librarian of the State Library photocopied my collection and added it to the Library's collection of erotica. In return he allowed me to consult that collection—all it had was the *Kama Sutra* and a book on torture.'

Dr Laycock's *The Best Bawdry* was recently published by Angus and Robertson. It includes some of his own compositions and one from Dr Bob Brissenden, Reader in English at ANU. This work, 'The One-Eyed Rylah', is a reference to Mr Rylah, a former Victorian State politician noted for his repressive attitudes to sexual matters and censorship.

In the search for material, Dr Laycock visited the Kinsey Institute where an attendant grilled him before entering. 'Do you just collect these songs or do you enjoy singing them as well?' she asked.

Dr Laycock replied, hesitantly, that he both collected and enjoyed singing them. Whereupon the woman attendant gave him a hearty thump on the back and said, 'So do I.'

She let him in to peruse their full documentation of every song he had heard and many he hadn't.

'It quite demoralised me. I gave up. It took me nearly a decade to get back to my plan for a book.'

Dr Laycock is delighted with the reception of his book but is a little tired of people ringing him to see if his name is genuine.

One of his own contributions to the book is a few stanzas from the epic 'The Eskimo's Death Knell,' which he claims is the first and only bawdy epic written this century.

One of its stanzas is:  
From a charity group that had given us soup  
For the poor and down at heels,  
And provided sex for physical wrecks  
They called it Feels on Wheels.

Dr Laycock sees the collection of such verse as an extension of his interest in folklore, slang and byways of language.

'Where would we be if "a good English



Dr Don Laycock...tired of people ringing to see if his name is genuine

bishop named Percy" hadn't collected popular English songs of the seventeenth century, or if Burns and D'Urfey had not done the same for the eighteenth century?' he says.

# Mead and Freeman

Emeritus Professor Derek Freeman will speak at the Convocation luncheon at University House next Thursday, 14 April at 12.30pm.

Having just returned from a lecture tour of the United States where he was invited to speak about his new book, Professor Freeman will discuss that book, *Margaret Mead*

and Samoa: *The Making and Unmaking of an Anthropological Myth*, and the controversy it has aroused in academic circles especially those in the United States. Professor Freeman is a Visiting Fellow in the Research School of Pacific Studies and a former Head of the Department of Anthropology in that school.

# Non-tenured staff views sought

The problems of non-tenured staff in the University will be discussed at a seminar at 1 pm, Friday 15 April in the Asian Studies (Link) Lecture Theatre.

Chris Cunneen, honorary secretary of the association, says all members of the University community are welcome.

'Tutors are specially asked to speak about their work and to put their views on ways present arrangements affect them and might be improved,' he said.

Mr Cunneen said the meeting is being called as part of a campaign by the Federated University Staff Associations of Australia in the week 11 to 15 April to draw attention to the difficulties non-tenured staff face and the implications of these difficulties for the objectives of the University.

# Letters

ANU Reporter welcomes reader's letters. Keep your letter to 100 words, preferably less so we can print a range of opinion. Include day time telephone number, name and signature.

# Federalism: Australia and Canada

*Public Policies in Two Federal Countries: Canada and Australia.* ed. R.L. Mathews, ANU Press, 1983, \$14.50. pp.298, index.)

by Professor Geoffrey Sawer

This is a collection of 29 papers delivered and discussed at a colloquium in Canberra, September 1981.

The idea of such a gathering was first suggested at a conference of Commonwealth universities in Canada in 1978, and the basic planning was carried out by a committee of Canadian and Australian academics concerned with public policies in the two countries.

The organising and publication of the results was undertaken by Professor Mathews and colleagues at the ANU Federalism centre.

Canada was going through its "Constitution patriation crisis" in late 1981 and early 1982, so the pairing of papers the organisers had arranged was disrupted. Some of the intended topics either had to be abandoned or represented only by an Australian paper.

The Canadian events also affected probable future course of some of the "policies"

## BOOK REVIEW

discussed. Most particularly the constitutional position. That story was updated by the Canadian participants for this volume.

The other papers were not updated but they remain substantially valid, notwithstanding the apparent volatility of Canadian politics and economics since that time.

The principal topics that ultimately came to be discussed in tandem were: constitutional structure; government action in response to inflation and unemployment, and economic structural change; inter-governmental financial relations and their effect on fiscal policy; higher education; cultural policies.

In most studies of this kind, one tends to get in substance parallel descriptions of two or more countries in a particular aspect, leaving the reader to answer for himself the questions—why the resemblances and why the differences?

The present study is much like that. This doesn't mean the effort is wasted. The parallel narratives themselves suggest many of the answers.

It is intended further conferences of this kind will occur in the future, at which it should be possible to carry further the difficult job of explaining the resemblances and still more—in this case—the contrasts.

Another common attribute of such studies is that often "federalism" as such turns out not to be the chief common factor.

The difficulties and peculiarities, the differences and resemblances, are rather the consequence of devolution, and likely to occur in any fairly large, sparsely populated countries with relatively poor and expensive communication systems, and relatively heavily dependant on rural and mineral productivity while struggling to achieve industrialised economies in the face of vastly

greater competing economies.

On this point, the economic and fiscal studies in the present volume, interesting and topical for their own sake, have the least obvious relationship with "federalism" as a unifying topic.

The other papers, however, do show a clear relation with federalism as such.

The collection ends with two contributions by masters both of federal government and of effective rhetoric—Gordon Robertson and Gough Whitlam.

Robertson, in the face of the odds, is optimistic about or resigned to the continuance of a federal system in Canada.

Whitlam gives a large number of good reasons why Australians should abandon federalism, but without any view as to what they will in fact do.

Robertson's vision of the good, however, is directed to keeping some sort of unity in Canada, even if only a federal sort, whereas Whitlam assumes maintenance of unity in Australia is not a problem.

## Studies in energy coal trade

*Major issues in Australia's energy coal trade with Japan.* Stuart Harris and Toyooki Ikuta (eds) (ANU Press \$5 pp.372).

by Dr Frances Perkins

The rapid projected growth of Australia's energy coal trade and its natural gas output together underpinned the resource boom optimism that swept Australia in 1980-81.

However, unlike some of the more glamorous projects, such as shale oil and coal liquefaction, whose viability is now in doubt, Australia's massive reserves of economically recoverable energy coal are still expected to contribute significantly to output and employment growth in coming decades.

The papers in this volume were presented in December 1981, at the energy coal trade workshop organised by the Australia-Japan Research Centre, with support from the Centre for Resource and Environmental Studies.

Although the so called 'resources boom' had started to slacken by that time, and has since gone decidedly flat, the monograph's contributions canvas domestic and interna-

tional issues raised by this long-term trade are still topical and relevant.

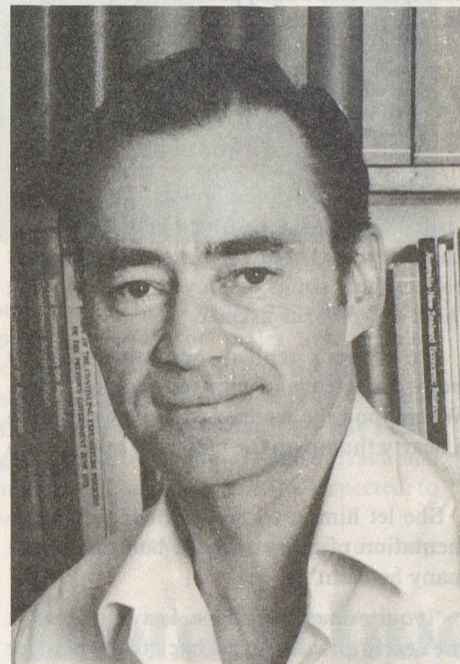
The contributors present a range of perspectives from Australian and Japanese industry, government authorities and academia regarding the future prospects and potential problems of this bilateral trade.

The major influences on Japan's demand for energy coal; the rate of substitution of coal for oil in the power, cement and pulp and paper industries and the speed of installation of new infrastructure to handle coal imports, are discussed.

The international energy coal trade, and in particular the productive capacity of other exporting countries, are examined from the perspective of Japan, Australia and the United States.

These studies indicate that while the United States and South Africa have substantial coal reserves and are rapidly expanding output, like Australia, they face infrastructure installation bottlenecks in the short to medium term

Ben Smith, Australia-Japan Research



Professor Stuart Harris

Centre, explores the mechanisms available to local producers and Japanese coal users to improve the prospects for long term

market access and security of supply at reasonable prices.

Two papers provide a broad perspective on the considerable areas of mutual interest and benefit from the bilateral coal trade, as well as evaluating those factors, which unless dealt with sensitively, could generate friction: coal price negotiating techniques;

under-performance of importers and exporters regarding contracts; over-contracting by Japanese importers and Australia's industrial relations record.

Overall, the contributions include an impressive, comprehensive range of knowledge, information and views regarding the energy coal trade.

The Australia-Japan Research Centre and Centre for Resource and Environmental Studies are to be congratulated on bringing these contributors together.

Dr Perkins is a Research Fellow at the Centre for Resource and Environmental Studies.



**CRACK OF DAWN...** you have to hand it to them. It says something for the motivation of ANU secretaries that they made it for breakfast at 7.30 am. Its irrelevant the inducement was champagne. Secretaries from the Faculties, the Institute, the Library, Centres and Units met for breakfast Friday, 25 March to celebrate International Secretaries Week. Some met after a gap of years, others put faces to familiar and friendly telephone voices.

## BRIEFLY

### Toastmasters

Joyce Campion, President of University Toastmasters, won the Humorous Speech Contest for the Canberra Area of Toastmasters at a dinner at the National Press Club on 5 March. Joyce went on to win the Southern District level of the competition in Sydney on 19 March. The next level will be against all the clubs in Australia on 30 April at the Australian Convention.

### Dance

Miss Anne Woolliams, Dean of the School of Dance, Victorian College of the Arts will be Visiting Fellow of University House for 4 weeks from 23 April. She will give an informal talk after House Dinner on 27 April. Inquiries should be addressed to the Steward, Professor Ian Beveridge, 49 5363.

# Going for a record

When Margaret Easton retires she will probably have established something of a record for service to the University—she will have completed thirty-six years with the Canberra University College and the ANU.

For nearly thirty years she worked as secretary to Emeritus Professor Heinz Arndt and feels she has 'grown up with the University'.

'I joined the CUC as a teenage typist in the Melbourne Building in West Row, above where TAA is now located. When fire destroyed that, we moved to Childers Street.

'When Professor Arndt was appointed Professor of Economics in the Research School of Pacific Studies, I moved with him. We worked in the old Hospital Building and watched the Coombs Building grow.'



Margaret Easton's only break in her ANU employment was in 1957, when she 'filled in' for a friend on the personal staff of the then Prime Minister, Sir Robert Menzies.

'I was responsible for writing standard letters thanking people for gifts and that sort of thing. It was exciting working in Menzies' office, but I wasn't keen on the political environment and, after eight months, I was happy to return to ANU.

Margaret, 56, is seeking an early retirement. She wants to spend more time gardening, doing voluntary social work and other hobbies.

But retirement may not last long, as the ASEAN-Australia Economic Relations Research Project has asked Margaret to do casual work and editing for them.

'At least now I'll be able to choose when I want to work,' she said, 'and I'll always value the many friendships I've made at ANU.'



One of the first videotex displays in Canberra was shown at the Chifley Library.

Videotex, or teletext as it is commonly known, sends frames of text information to ordinary television receivers.

Teletext as demonstrated in Chifley was transmitted to Canberra by the Seven Network via Capital Television.

Information transmitted includes news, weather, sport, stock market details, gold and silver prices, futures, exchange rates, retail prices, TAB results and airline information.

While Australian teletext is in its infancy, in Europe, Canada and America, the system operates as a two way

process where it is possible to buy shares, book theatre tickets or buy plane tickets. The development of videotex system has raised new marketing prospects and new questions about consumer information.

With the display unit, loaned to the University by Visonhire, are Librarians Ian Smith and Natalie Taylor.



INDONESIAN INTERESTS... Ms Retno Murti, co-ordinating editor of the Indonesian magazine Femina met last week with Indonesian speaking academics. Left to right: Ms Carol Hetler, PhD student in Demography, RSSS; Dr Valerie Hull, Demography, RSSS; Ms Murti; Dr Anne Booth, Economics, RSPacS. Ms Murti was a sponsored overseas visitor through the Australian Information Service.

## Rennie Medal

The Canberra Branch of the Royal Australian Chemical Institute has awarded the 1982 Rennie Medal to Dr Denis Evans.

Dr Evans, formerly of the Ion Diffusion Unit in the Research School of Physical Sciences, has been a Fellow at the Research School of Chemistry since July 1982.

## Meetings

5th World Conference on Biomagnetism, August 1984, Vancouver, contact Dr Harold Weinberg, Dept of Psychology, Simon Fraser University, Burnaby BC Canada V5A 1S6.

19th Annual Conference of Australian Association for the Teaching of English, 26-29 August, Bruce Hall, ANU, contact Barney Devlin, P.O. Box 98, Civic Square, ACT 2608.

Management Educators Conference, 22-24 August, Australian Graduate School of Management, Kensington NSW, contact B. Kabanoff, AGSM, P.O. Box 1, Kensington NSW 2033.

Conference on Australian Drama 1920-1955, 1984 Armidale, contact Frank Bitmead, Dept Continuing Education, University of New England, Armidale NSW 2351, (067) 732123.

Conference, Meeting the needs of teachers: imperatives for teacher education (S. Pacific Assoc. for Teacher Education), 4-8 July, Mt Gravatt Campus, Brisbane CAE, contact Dr Ian MacPherson, Kelvin Grove Campus BCAE, Kelvin Grove Qld 4059, (07) 3569311 ext 415.

IDC/Conference Skills Workshop, 14-15 April, School of Admin. Studies, CCAE, contact Ms Sally Stevenson, Management & Policy Studies Centre, P.O. Box 1, Belconnen ACT 2616, (062) 522941.

International Symposium on Japan Today & Euro-Japanese Relations, 21-24 September, Tapton, University of Sheffield, contact Centre of Japanese Studies, University of Sheffield, UK.

Seminar on research & evaluation in the rehabilitation of the young disabled, 11-12 November, Adelaide, contact Dr B. R. Seeger, Regency Park Centre for Young Disabled, P.O. Box 209, Kilkenny, SA 5009.

## Visitors

Professor B. L. Shaw, University of Leeds, Visiting Fellow in Research School of Chemistry, 6-8 wks, interests: organometallic chemistry, transition metal hydrides, catalysis, 4039.

Professor R. Stojanovic, Law Faculty, Belgrade, Visiting Fellow in International Relations, RSPacS until 10 May, interests: international conflicts & role of power in international relations. 2169.

## Awards

(cont. from p 7)

Australian Development Assistance Bureau—Professor A W Snyder, Applied Mathematics, RSPHyS; a grant within the Supplementary Funding Scheme to support technical cooperation with the Wave Sciences Laboratory in the Shanghai University of Science and Technology—\$10,000.

US Air Force Office of Scientific Research—Mr D R Christie, Professor K Lambeck and Dr K J Muirhead, RSES; in support of research into solitary waves in the lower troposphere at the Tennant Creek infrasonic array, \$US32,183.

Bureau of Labour Market Research—Dr P K Trivedi, Economics, The Faculties; consultancy fee for work on a turnover analysis of unemployment in Australia—\$10,600.

World Health Organization—Dr M J Howell, Zoology, The Faculties; to support work on the cultivation of parasite cells in vitro—\$17,400.

Australian Centre for International Agricultural Research—Dr A J Gibbs, Virus Ecology Research Group, RSBS; to support work on plant virus identification and data exchange—\$152,000.



RESEARCH MONEY...The President of the Lions Club of Ginninderra, Mr Mick Richardson presented a cheque for \$7,200 to Professor Robert Porter, Director of the John Curtin School of Medical Research. The money was raised by Lions ACT/NSW Save Sight Foundation and will be used to support Dr Austin Hughes' research project on the production of monoclonal antibodies to specific classes of retinal neurone. Professor Porter (centre) is seen speaking to (left to right) Mr Graham Conway, Mr Richardson, Dr Hughes and Mr Russel Fife. Mr Conway and Mr Fife are past presidents of the Ginninderra Lions Club.

# Classified

Advertisements are restricted to staff and students of the University and members of Convocation and to 20 words each. The closing date for the next issue is Wednesday 13 April. Inquiries 2229.

## For Sale

**House**, Watson, 3-4 bedrms, modern timber kitchen, est gardens, pergola, courtyard, near bus & shops, \$57,000, Roy, 4199.

**Holden Gemini**, 1975 SL sedan, auto, SA regd, exc. cond., must sell, owner going overseas. \$3500ono, David, 4043.

**Renault 12TL**, 87,000 miles, 12 mths rego, new tyres, service & tuning, one owner, offers considered, 3675/3586/513285.

**Bed**, single roll-away, and mattress, \$30, 2997.

**Camera**, Minolta and Accessories: radio/cassette; skilket; hairdrier; heater; blankets (new); & others, rm 209, University House.

**Child's car seat**, Safe-N-Sound, \$25; folding cot, large mesh type with metal frame, includes mattress, \$35, 2384/470495ah.

**Coat**, tan leather, lady's full-length, size 8, hardly worn, \$75, 621259bh/473697ah.

**Decanter** and matching ice bucket, Hoya lead crystal, \$60 pr, 722626bh/473697ah.

**Dishwasher** Colston Benchtop, hardly used, \$250, 2114/480159ah.

**Dresses**, mostly new, sizes 10-12, 2114/480159ah.

**Heat rollers** in case, \$20, 2114/480159ah.

**Helmet**, bicycle, Bell, size 7 1/2, \$7cm, as new, \$35, 3698.

**Hot-water Service**. Rheemglass 160-litre, near new, \$220, 2114/480159ah.

**Light**, 3-tier, \$10, 2114/480159ah.

**Louvre doors**, ash, 820 x 2040 (6'8" x 2'8"), sturdy & in gd cond, 3 for \$90, 2032/810084ah.

**Playpen**, wooden, \$20; bouncinette, \$5, Jennifer Jeffress, Curtin, 814540.

**Sink and Cupboard**: stove; suit coast home, 2114/480159ah.

**Turntable**, Sony 5520 semi-auto belt-drive, gd cond and order, teak base, \$75, 722626ah/473697ah.

**Video Recorder** NEC-Rank Xerox PVC-9307R, U-matic, for professional use, never used, best offer accepted, 2435/821770.

**Filing Cabinet** in gd cond, 2411/473924.

**Townhouse**, contemporary, Cook, 3 bdrm superb views, close shops/transport/ANU/Civic, large storage area, cellar, private courtyard, garage. \$74,500ono. 514597.

**Mini K** rego to Jan 84, one owner, 30,000 miles, vg cond, \$1200, terms available. 485775.

**Escort 1300 XL**, 1973, 4 doors, 3 mths rego, good cond, \$1450ono. 494457.

**Galant GB** Auto red sedan, mags, tinted windows, rear louvre, radio-cassette, exc cond \$2900. Daren 2841/545130ah.

**Academic Hood**, Arts, good cond, was \$26, now \$15. G. Humphries 492828/494463ah.

**Backpack** Hallmark Everest, as new, \$90ono, approx 60 ltr, Julia 2681/956170ah.

**Ballet gear**, leotards, tights & shoes, various sizes/colours/conditions, suit girls 6-14 yrs. Enquiries 3290.

**Jacket**, leather, women's 3/4 length size 8-10, v good cond \$75. 4421/415309ah.

**Jackets**, two beautiful winter jackets (girls), \$10ea; dressing gowns, two winter (girls), \$5ea, Ria, 2362.

**Kingswood** sedan 1979, auto, air, exc cond throughout, rego July, \$4700. 492934/541208ah.

**Leather jacket**, brown, brand new, size 39-40" chest, \$80, 2362.

**Stereo**, Dual (German) system: 40 w/ch amp 3-way spkr, player recond \$440ono, Akai cassette/amp \$200ono, 497036ah (Bill).

**Viscount Sebring bike frame** plus some parts. Any offer considered. Julia 2681/956170ah.

## Accommodation Wanted

**Family accommodation**, Weston Creek/Woden area, 814297.

**House** or other suitable accommodation required by responsible professional couple for short-term rental (4-5 mths) during period of own Yarralumla home redevelopment, inner southern suburbs preferred, 724671bh/821792ah.

**House/Flat/Unit**, ff, required for responsible family, 8-21 May, to \$150pw, 4525/583433.

**House**, 2/3 bdrm for responsible couple from late May, prefer inner Canberra, will take care of pets, garden. 2632/messages 2134.

## Accommodation Available

**Holiday House**, South Durras, sleeps 6, avail weekends, also May term holidays & June-July semester break, \$15/day, Tony Keen, 318553.

**House**, Chapman, 3 bedrms, available 11 May-31 August, Furnished, \$95pw, 2253.

**House**, East Malvern, Vic, to let early June-early December 1983, ff, 3 bedrms, all facilities, centrally located, \$110pw, P. Wells, 03-5732349bh/03-2115036ah.

**House**, Fisher, ff, elevated convenient location, 3 bedrms, lge living/dining, sundeck, pleasant garden, garage under, May to Dec, professional couple preferred, 4594.

**House**, Hackett, 3 (or 4) bedrms (1 ensuite plus kitchenette), 2 studies, lounge-d/rm, ff, pleasant sit, nr Mt Majura, mid-June 83 to mid-Jan 84, dates negotiable, 2146/488171.

**Room & own bathroom**, Page, neat & tidy person to share house with owner, \$25 plus electricity, postgrad preferred. 2970/542965ah.

## Secretarial

**Thesis typing**, assignments, essays, etc, done on computer by experienced word processor operator, Jenny, 4300am/316517pm.

**Thesis typing**, general and scientific, Jennifer Jeffress, Curtin, 814540.

## Lost

**Bicycle**, red with front & rear lights, speedometer, orange Pirelli tyres, 3-speed, sentimental value, taken from John XXIII 19/3/83, 485847.

# Diary

Diary entries for the next issue close at 5pm on Wednesday 13 April and are for the period Monday 2 May to Wednesday 18 May inclusive. Please assist us by submitting ALL Diary entries on forms available from Information, 2229.

## Monday 11 April

**Political Science RSSS Work-in-Progress sem**, Dr R. F. Miller—The politics of eastern Europe, 4.00pm, sem rm D Coombs.

**ANU Liberal Society April General Meeting**, special topic: Education at ANU in the 80s, all welcome, 7.30pm, Union Board rm.

## Wednesday 13 April

**History of Ideas Unit sem**, Dr Robert Brown—The idea of a social law, 11am, sem rm A Coombs.

**Centre for Research on Federal Financial Relations**, sem, Professor R. L. Mathews & Dr B. S. Grewal—Federalism, locational surplus & the redistributive role of subnational governments, 12.30pm, rm 2071 Copland Bldg.

**Students International Meditation Society lecture**, Science, consciousness & the transcendental meditation program, 12.30pm, G25 Haydon-Allen.

**Pacific & SEAsian History sem**, Mr Robert Langdon—Cultivated American plants of prehistoric Polynesia, 2pm, sem rm D Coombs.

**Romance Languages French film screenings**, *La belle époque* (1936, b/w, NRC) 8pm, rm 1175A Dedman.

## Thursday 14 April

**Biogeography & Geomorphology RSPacS sem**, Dr J. M. A. Chappell—Late Quaternary environmental changes around Perth, WA, 10.30am, sem rm C Coombs.

**History RSSS sem**, Dr Barry Smith—Tuberculosis in Britain 1860-1914, 11am, sem rm D Coombs.

**Convocation luncheon**, Em Prof Derek Freeman—Margaret Mead and Samoa: the making and unmaking of an anthropological myth, 12.30pm, Hall of University House, \$8 per person, 4144.

**Humanities Research Centre lunchtime activities**, Prof Reginald De Bray will introduce and read a new selection of his translations of the poems in Macedonian of Rádovan Pádovan Pávlovski with some of the original texts, 12.30-2.00pm, HRC Reading rm Hope.

**University II Toastmasters Club**—12.30pm, Menzies Library sem rm.

**Interdepartmental sem**, Dr James J. Fox—"Equal benefits and equal duties": the consequences of the Dutch ordering of communal land tenure on Java, 2pm, sem rm C Coombs.

**RSES sem**, Dr W. Ullman—The sedimentary geochemistry of iodine: reactions & transport in estuaries, 4pm, sem rm Jaeger.

**China Centre film evening**, JIA (The Family)—a film by Ba Jin, 7.30pm, Coombs LT.

**ANU Film Group film screening**, Spellbound, Notorious, 7.30pm, Coombs LT.

## Friday 15 April

**Sports Union Members' Clinic**, Traditional Chinese medical health care, 8am-12, Sports Centre.

**History of Ideas Unit sem**, Dr Heinz Lubasz—Marx's two theories of History, 11am, sem rm D Coombs.

**Political Science Arts sem**, Professor Peter Self—The future of politics, 11am, rm 1004 Arts III.

**Asian Studies Faculty Language coll**, Dr Marybeth Clark—Distance in verbal & nonverbal behaviour, 12.30pm, rm 301 Asian Studies.

**Economics sem**, C. Robinson and C. Brooks—Implications of the structure and duration of unemployment, 2pm, sem rm A Coombs.

**History Arts Department sem**, Mrs Janelle Caiger—Doctor Christianissimus: the life and church of Jean Gerson (1363-1429), 3pm, Geoffrey Fairbairn rm, Haydon-Allen.

## Sunday 17 April

**Anu Film Group film screening**, Jaws, Gums, 1.30pm, Coombs LT.

## Monday 18 April

**Sports Union Members' Clinic**, Traditional Chinese medical health care, 8am-12, Sports Centre.

**History of Ideas Unit sem**, Dr Heinz Lubasz—The normative foundations of marxian theory, 11am, sem rm D Coombs.

**Urban Research Unit sem**, Peter Self—The politics of urban planning: the case of the Australian states, 2pm, sem rm D Coombs.

**Psychology Science sem**, Patrick Heaven—Race prejudice among Afrikaners, 3.30pm, rm 210 Physics Bldg.

**Political Science RSSS Work in Progress sem**, Prof C. A. Hughes—Abraham-steer to Zwolsman, 4.00pm, sem rm D Coombs.

## Tuesday 19 April

**Far Eastern History sem**, Mr Brian Martin—The green gang and party purification, 11am, sem rm E Coombs.

**Demography RSSS sem**, Dr T. W. Pullum—Formal models of family size distributions, 3.30pm, sem rm A Coombs.

**Zoology sem**, S. J. Inwards—The cost of reproduction in Gould's long-eared bat, 4pm, rm B22 Zoology.

**Humanities Research Centre Work-in-Progress sem**, Em Prof R. W. V. Elliott—Hardy's English, 4pm, HRC Reading rm, Hope.

**Magellan Society/CCEsem**, Dr Victor Prescott—Peru, 7.30pm, Asian Studies LT.

**ANU Film Group film screening**, Black & White in Colour, O What a Lovely War, 7.30pm, Coombs LT.

## Wednesday 20 April

**Prehistory & Anthropology sem**, Dr Robert Tonkinson—Religion as economy in the Western Desert 9.30am, Nadel rm Coombs.

**History of Ideas Unit sem**, Dr Heinz Lubasz—Popper's "critical method" and the social sciences, 11am, sem rm A Coombs.

**Students International Meditation Society lecture**, Science, consciousness & the transcendental meditation program, 12.30pm, G25 Haydon-Allen.

**Staff/Student Forum The Faculties discussion**, Dr David Millikan—Who on earth is God? The humanity of God, 1-2pm, Haydon-Allen Tank.

**Linguistics RSPacS sem**, Dr Don Laycock—Lexical conflations in Papuan languages: a progress report, 2pm, sem rm A Coombs.

**JCSMR School lecture**, Dr K. Lafferty—"Of mice and men", 4pm, Florey LT.

**Linguistics The Faculties sem**, Darmansyah Gudai—Transitivity and intransitivity in Maanyan language (Indonesia), 4pm, rm 2135 John Dedman Bldg.

## Thursday 21 April

**Biogeography & Geomorphology RSPacS sem**, Dr J. M. A. Chappell—Late Cenozoic ice ages: a force in coral evolution? 10.30am, sem rm C Coombs.

**History RSSS sem**, Dr Hugh Jackson—The Catholic revival in Australia and New Zealand, 11am, sem rm D Coombs.

**International Relations Department sem**, Dr R. J. Vincent—BURKE, 11am, sem rm B Coombs.

**University House Ladies' Drawing Room mig**, Miss Ruth Dobson (late of Foreign Affairs)—light lunch, \$3.

**University Toastmasters Club**—12.30pm, IRU sem rm Chifley.

**Humanities Research Centre lunchtime activities**, Prof Stephen Prickett—Alice's ancestors: Ariosto and the Monstrous Crow, 12.30-2pm, HRC Reading rm Hope.

**Interdepartmental sem**, Mr R. Fernando—The changing significance of land holding in the rural economy of Cirebon residency 1800-1930, 2pm, sem rm C Coombs.

**History RSSS sem**, Dr Roger Wettenhall, Dr Peter Biskup—Administrative history: a teaching challenge, 4pm, sem rm D Coombs.

**RSES sem**, Dr I. Campbell—A model of chromite seams and layered intrusions, 4pm, sem rm Jaeger.

**Friends of the Library lecture**, Dr Barry Smith—The Victorian city: literary descriptions of city life, from Britain to Australia, 5pm, McDonald rm Menzies.

**ANU Film Group film screening**, Autumn Sonata, Stromboli, 7.30pm, Coombs LT.

## Friday 22 April

**Sports Union Members' Clinic**, Traditional Chinese medical health care, 8am-12, Sports Centre.

**Philosophy Arts sem**, Mr G. Atkinson—The concept of meaning in Wittgenstein's later philosophy, 10am, sem rm 2097 Haydon-Allen.

**Political Science Arts sem**, Dr Abdul Latif—The impact of staff ceilings on the Australian Public Service, 11am, rm 1004 Arts III.

**Economic History Economics/RSSS sem**, Dr David Pope—A century of Australian development through Rostowian eyes, 11am, sem rm E Coombs.

**China Centre Language Colloquium**, Professor Wurm—Levels of Politeness in Mongolian, 12.30pm, rm 301 Asian Studies.

**Economics sem**, Dr P. Miller & Dr P. Volker—On the determination of occupational attainment and mobility, 2pm, sem rm A Coombs.

**History Arts Departmental sem**, Mr Peter Woodley—Young Bill's Happy Days, 3pm, Geoffrey Fairbairn rm, Haydon-Allen.

## Sunday 24 April

**ANU Film Group film screening**, Atlantic City, Black Moon, 1.30pm, Coombs LT.

## Tuesday 26 April

**Demography RSSS sem**, Dr C. K. Lam, discussant A. Muthiah—Socioeconomic factors, intermediate variables & differential fertility among the various ethnic communities in Sarawak, 3.30pm, sem rm A Coombs.

**Zoology Science sem**, K. Martens—Life cycle and post-embryonal ontogeny of the ostracod *Mytilocypris henricae*, 4pm, rm B22 Zoology.

**RACI Canberra Branch lecture**, Dr W. G. Laver—Molecular mechanisms of variation in influenza virus, 5.30pm, rm 134 RSC.

**Magellan Society/CCEsem**, Dr Barry Carr—Mexico, 7.30pm, Asian Studies LT.

**ANU Film Group film screening**, Squizzy Taylor, The Sting, 7.30pm, Coombs LT.

## Wednesday 27 April

**Prehistory & Anthropology sem**, Dr Howard Morphy—The same difference: artistic creativity & social structure among the Yolngu, 9.30am, Nadel rm Coombs.

**History of Ideas RSSS sem**, Mr Alan Saunders—The career of Joseph Priestley: 1733-1833, 11am, sem rm A Coombs.

**Centre for Research on Federal Financial Relations sem**, Professor B. P. Herber—The income distributional effects of the new American federalism, 12.30pm, rm 2071 Copland Bldg.

**Staff/Student Forum The Faculties discussion**, Dr Charles Price—Who on earth is God? The talk back God, 1-2pm, Haydon-Allen Tank.

**Linguistics RSPacS sem**, Anna Schnukal—The spread of Creole English in the Torres Straits, 2pm, sem rm A Coombs.

**Linguistics The Faculties sem**, Maria Gadsden—Sex differences in the voice quality creak, 4pm, rm 2135 John Dedman Bldg.

**JCSMR School sem**, Dr M. Banyard—malignancy: initiation and suppression of uncontrolled cell growth, 4pm, Florey LT.

**Romance Languages French film screening**, L'associé (1979, colour, NRC), 8pm, rm 1175A Dedman.

# Awards

Information about the following scholarships and awards may be obtained from the Careers and Appointments Service located on the ground floor of the Chancelry Annex.

**French Government Scientific & Professional Scholarships**, closing date 3 May 1983.

**AFUW Georgina Sweet Fellowship**, closing date 31 July 1983.

**Japan Air Lines Scholarship**, closing date 31 July 1983.

**Postdoctoral Fellowships at the Weizmann Institute of Science 1982-83**, applications close 15 May 1983 for the fellowships starting in October 1983.

**The Australian Wool Corporation Wool Research Award**.

**AMRC Postgraduate Study Awards**, closing date 31 July 1983.

**Australian Academy of Science International Research Fellowships**, closing date 30 June 1983.

**St Johns College Cambridge Commonwealth Fellowship 1984**, closing date 1 October 1983.

**The University of Adelaide Charles John Everard Scholarships**, closing date 31 May 1983.

**Postgraduate Program in Irrigation Engineering Belgium**, closing date 28 February 1984.

**Phillips International Institute of Technological Studies Postgraduate Scholarships 1984**, closing date 1 August 1983.

**East West Population Institute Graduate Student Scholarships**, closing date 1 June 1983.

**German Academic Exchange Service Scholarships 1984/85**, closing date 1 July 1983.

**Research in Bass Strait: CSIRO Ship & Facilities Available 1984/85**, closing date 30 September except for Marine Sciences & Technologies grants 2 May.

Recent research grants and gifts of \$5000 or more allocated to ANU staff:

**Department of Education**—Dr D S Anderson, Sociology, RSSS; further support for work on a national clearing house on transition from School—\$51,000

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