

629

# ANU Reporter



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## Telescope with novel design proposed

A new telescope so novel in design that it belongs to the next generation of telescopes is proposed as a major national universities' facility at Siding Spring near Coonabarabran by ANU's Mt Stromlo and Siding Spring Observatories. Utilising to the full the major innovations in telescope technology, the proposed 3-metre thin mirror telescope would ensure that PhD students throughout Australia have access to first class training in physics at the highest level through modern astronomical techniques.



Professor Ross

This telescope would cost only \$3m. A telescope of similar size but built to conventional design would cost at least \$12m, and not be any better.

The telescope is being planned as a joint facility involving other Australian universities. ANU's Deputy Vice-Chancellor, Professor Ian Ross, has been formulating proposals for the construction, funding and operation of the telescope and exploratory negotiations have commenced with other universities. Discussions at various levels are also taking place with Government agencies.

Professor Ross describes the proposed telescope as 'an urgently needed national facility.' He says the Anglo-Australian Telescope and ANU telescopes are grossly oversubscribed, and demand is growing. The potential demand is even greater, for astronomy with instrumentation of the class represented by the 3-metre thin mirror telescope offers an entry into front-line physics, at comparatively modest cost, and a southern hemisphere site has especial advantages. Hence, the current proposal for the 3-metre thin mirror telescope supersedes an earlier proposal by ANU for the building of a 1.5-metre conventional telescope.

Professor Ross emphasises that the new telescope should be of a specialist type and should be conceived as a national instrument serving all universities directly and collaborating with other user groups. 'Essentially this means that the revised telescope proposal would be put forward in the name of all universities, and that

the management and time allocation would be in the hands of a representative committee appointed, say, by the Australian Vice-Chancellors' Committee or a Minister. This structure conforms with a recent announcement by the Minister for Science that all major new astronomical facilities acquired with Commonwealth funds should be national facilities', Professor Ross says.

He points out that similar groupings of universities, which allow cohesive representation to government funding agencies for the purchase of large telescopes, have proved successful in North America. The siting of the new telescope at Siding Spring Observatory would also be in line with the Australian Government policy that national facilities should be operated by existing institutions and sited in existing observatories unless there was some compelling reason to the contrary.

### Design will incorporate three major advances

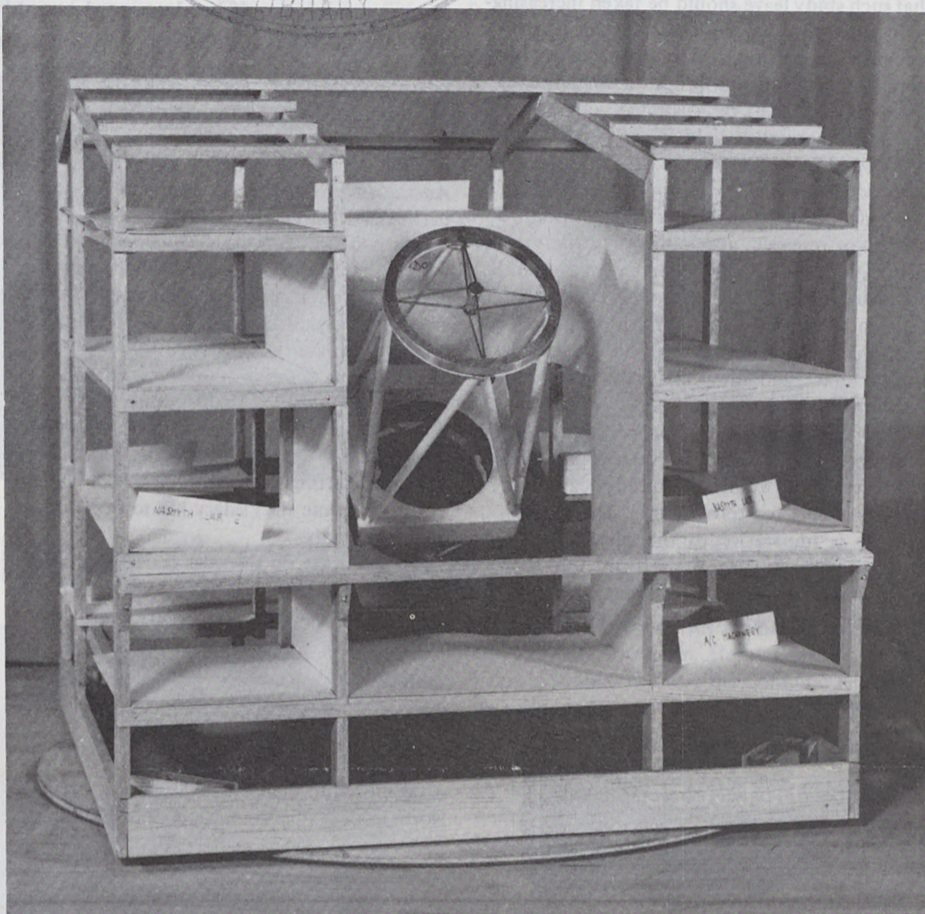
As for the design of the telescope, Dr Don Mathewson, Acting Director of Mt Stromlo and Siding Spring Observatories, describes it as the first in the world to incorporate the three major international advances in recent years in telescope design. These ideas gelled at a Working Party of Australian astronomers held at Mt Stromlo Observatory early this year. The Universities' Telescope, as it is called, will incorporate a large thin mirror, altazimuth mounting, and a rotating building.

Dr Mathewson says the development of thin mirrors in Britain in recent years to very high optical quality has made possible lighter than conventional mirrors enabling considerable savings in the construction of the telescope and mount. Such a mirror is in use in the United Kingdom Infrared Telescope in Hawaii.

The second development concerns the altazimuth mounting which has been used with great success in the Russian 6-metre telescope and the American Multi-Mirror Telescope at Mt. Hopkins. It provides a simpler answer to the flexure problems associated with conventional equatorial mounts.

The third development is a spin-off from the use of an altazimuth mount. A rotating building can have an altazimuthal rotation closely synchronised to that of the telescope. This technique has been used with success in the USA. The elimination of the conventional dome is not only cost saving but enables easy access to the telescope for instrument changeovers leading to a much greater flexibility in the programming of the observations.

These innovations lead to a much lighter than usual telescope of simple mechanical design which could be made in Australia. It would be an extremely accurate setting telescope capable of fast equipment changes. It



Keith Smith

A working model of the thin mirror altazimuth telescope in its rotating building showing the proximity of the equipment laboratory to the telescope observation platform. The proximity enables equipment changes to be made in a matter of minutes.

therefore could work almost 24 hours a day making infrared observations in daylight hours and switching to optical programs at night.

Also in a matter of minutes it could change programs during the night depending on the 'seeing' conditions thus optimising the use of the telescope. Not only would it be one-quarter of the cost of a conventional telescope but observations could be made for double the time of a conventional telescope and more efficiently.

The novel design of this proposed telescope has won many comments of approval and offers of support from overseas observatories. For example, a few days ago the Smithsonian Astrophysical Observatory presented the ANU with the complete plans of their rotating building at Mt. Hopkins.

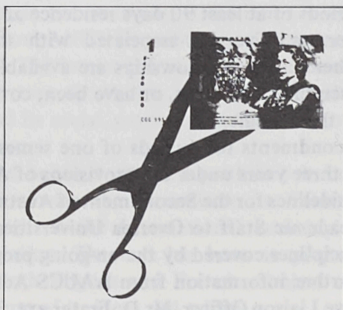
'There is an ever increasing number of post-graduate astronomy students (about 60 at last count) in Australian universities and a real and urgent need exists for a large Universities' Telescope for the use of staff and students', Dr Mathewson says.

'Modern astronomical research demands such an instrument, equipped with the new generation of detector devices. Access to such a telescope would ensure that students receive first-class training in front-line physics through modern astronomical techniques. It should not be forgotten that today's astronomy is tomorrow's physics.'

Dr Mathewson sees this telescope as absolutely essential if universities are to fulfil their progressive role in Australian astronomy and hence in Australian science.

## ANU and the Budget

The University has still to be notified of funds it will have in 1979 for recurrent



expenditure and capital works. The appropriation figures mentioned in the Federal Budget are for the financial year 1978-79 and cannot be used for University planning purposes because ANU funding is based on the calendar year, January-December. The Tertiary Education Commission has yet to notify the University of funds ANU will have in 1979 for recurrent expenditure and capital works. These figures will be released in the TEC Report for the 1979-81 Triennium.

# Study leave in perspective

Study leave must be regarded as a duty rather than a privilege and its purpose must be seen not so much personal as institutional. Any impairment of study leave conditions, as recommended by the TEC Working Party, will in the long run amount to a recipe for mediocrity for Australian universities.

A major weakness of the Draft Report of particular importance to ANU is its misconception that the primary purpose of study leave is 'periodic release from teaching duties for research purposes' together with the suggestion that such study leave should be taken increasingly in Australia. As the TEC Working Party recognises in passing, this approach to study leave is entirely inappropriate to what it calls 'research only' staff of Australian universities of whom more than half are employed in ANU's Institute of Advanced Studies.

Study leave has two purposes. One is to give teaching staff opportunities for sustained periods of research, and more particularly to give both teaching and 'research only' staff opportunities for research which cannot be done in Australia. The second is to give Australian academics opportunities for regular close contact with the mainstream of their disciplines overseas.

The first purpose cannot be achieved adequately if rules are laid down which limit too severely the duration of study leave and funds available for travel grants. The second purpose is imperative to the survival of Australian universities in the front rank by world standards. Any impairment of study leave conditions will reduce the ability of

The Council of the University has made several recommendations to the Tertiary Education Commission for changes in their Draft Report on Study Leave. The TEC's Report had indicated that study leave and staff development leave had made major contributions to the development of universities and colleges in Australia. The Report made the point, however, that in the period since these schemes were introduced, there had been major developments in travel and communications as well as significant developments within the university and college systems and had concluded that the existing schemes needed to take account of these developments. Council recognised the need for changes and economies, but was of the opinion that many of the TEC's recommendations, if implemented, would seriously damage the quality, performance and international standing of Australian universities, and the intellectual and cultural life to which they contribute. A summary of Council's comment on the TEC's Report is produced in today's *Reporter*.

Australian universities to compete for staff, particularly staff of the greatest scientific and scholarly distinction.

The recommendations which are particularly damaging from this point of view are those suggesting limitations on the frequency of study leave to 13 teaching weeks in three years debiting all overseas conferences and other duty visits against study leave, setting an upper limit of 7 percent to the amount of academic staff time to be allocated to study leave, and setting an upper limit of 0.5 percent of the academic staff salary bill to expenditure on travel grants.

Expenditure on overseas travel grants for study leave in 1977 was \$172,407 or 1.48 percent of the academic staff salary bill in the

Institute and \$105,259 or 1.26 percent in the School of General Studies. If expenditure on local and overseas conference travel assistance is added, the figures become 2.4 percent for the Institute and 1.7 percent in the School. Hence a reduction of 0.5 percent, even excluding conference travel assistance, would mean a drastic cut and not 'some modest reduction' as suggested by the TEC Working Party.

Such drastic cuts would necessarily mean competition for scarce resources to the disadvantage of the younger academic staff who need the opportunity to demonstrate and develop their research capacity. In the long run, the exclusion of a significant number of younger academics from international research and other experience would have a most damag-

ing effect on the intellectual vitality of Australian universities.

The ANU Council is to ask the TEC Working Party to consider making the following provisions in its final report:

1. to define study leave for all purposes as excluding absences of less than two weeks for attendance at local or overseas conferences and for other overseas duty visits;
2. to treat the allocation of staff time to study leave and of financial resources to travel grants for study leave as matters properly within the competence of the universities themselves to decide as autonomous institutions;
3. to accept 12 percent of staff time allocated to study leave and 1.2 percent of the academic salary bill allocated to study leave travel grants as reasonable guidelines for universities approaching steady state conditions;
4. to give more adequate recognition to the need for opportunities to undertake research abroad and for periods exceeding six months;
5. to give more careful consideration to the problem presented by contractual rights or moral expectations of entitlement to study leave.

Overall, Council agrees with the Working Party that while there is 'no evidence of widespread misuse of the study leave system', effective arrangements for accountability are desirable. However, if restrictions are placed by Government policy upon the funds available to the university sector, it is for individual universities to seek ways of curtailing expenditure while, as far as possible, preserving academic standards.

## Letters to the Editor

### Learn a new language now

At the 2nd National Conference of Modern Language Teachers, which I attended in Melbourne in June, several speakers noted with dismay the sharp decline in numbers of students studying foreign languages at secondary schools in Australia.

Native speakers of English are linguistically spoilt, deprived and lethargic: spoilt because it is easy to get so far without a second language; deprived because there is no challenge to learn a new language; and lethargic because to them the learning of a new one is such a burden.

The decline in language study is marked in all Eastern states. However in Tasmania, the state government and its Department of Education have managed to give leadership in attitudes to language learning in the schools. Neil Batt, when he was Minister of Education, attended an intensive language summer school at the ANU in 1976, and personally encouraged the study of Asia in his state.

What is necessary is some kind of promotional exercise. Perhaps the ANU could give some leadership at a popular level to show the mono-glott Australian the error of his ways.

In Melbourne I found a car-sticker which may now be viewed on my door - 'Bi-lingual is Beautiful'. But why not go further? 'Tri-lingual is Terrific' or even 'Multi-lingual - is Marvellous'. One could take some hints from the Life Be In It movement. Language learning - Be With It, featuring a mono-lingual slob, the counterpart of Norm.

Devices such as car-stickers, or T-shirts and skivvies with the imprints 'Learn a New Language', and 'I Am a Happy Language Learner' in the language of one's choice - French, Russian, Japanese, Indonesian - any language could help spread the word, create the atmosphere in which language study is regarded as attractive. Too lighthearted? I

hope not. There can be fun in language learning - far more fun than the linguistically lethargic Norm has!

Yohanni Johns

Department of Indonesian Languages and Literatures.

### Air sampling device

I refer to your article 'Canberra Air Quality' of the *Reporter* Vol 9 No 11. I would like to point out that the electronic controller for the air sampling device mentioned in the article was designed by Graham Clarke of the Electronics Unit, RSPHYS, at the request of Dr Bien. Although actual construction of this controller was undertaken elsewhere, Mr Clarke provided schematic drawings and component specifications for the unit.

N.W. Esan

Electronics Unit RSPHYS.

### Australian-Asian Universities' Co-operation Scheme

The Standing Committee of the Australian-Asian Universities' Co-operation Scheme (AAUCS) invites inquiries from members of the staff of Australian universities who are interested in participating in its program in Indonesia, Malaysia and Singapore through the medium of:

- Visiting (Advisory) Assignments of up to 90 days in disciplines and supporting services covered by the on-going program.
- Visiting (Study Leave) Fellowships for periods of at least 90 days residence at an overseas university associated with the Scheme. These fellowships are available in disciplines which are, or have been, covered by the Scheme.
- Secondments for periods of one semester to three years under the provisions of AVCC Guidelines for the Secondment of Australian Academic Staff to Oversea Universities in disciplines covered by the on-going program.

Further information from AAUCS Administrative Liaison Officer, Mr D. Fraser, ext. 3692.

## Communication and coherence in research prime objectives

To establish two way communication between ANU and various forest and land management organisations and to develop greater coherence in research in the Department of Forestry are the two prime objectives Professor Eric Bachelard sees for himself.

Recently appointed to a new Chair of Forestry in the Department of Forestry, Professor Bachelard joined ANU in 1965. His previous experience with the Forestry Commission of Victoria brought him in close touch with the practical side of forestry combined with research in the internal control of tree growth and development.

Professor Bachelard sees himself travelling fairly extensively in his new job. He proposes to establish close relations with various forestry services and land management authorities in the country. 'We are training professional people in the Department and it is important we acquire an understanding of outside organisations, both in public and private sectors, and get familiar with each other's aims', Professor Bachelard says.

'There are new developments taking place in forestry all the time and it will be beneficial for students if these are constantly monitored and brought to their attention'.

The second area of interest Professor Bachelard sees is in the development of greater coherence in research activities within the Department by focusing on specific aspects of forestry research. At present, he says, such research is compartmentalised and while individual pursuit is highly desirable there is scope for development of greater team spirit.

There is also a need for such team work to be extended beyond the Department to organisations such as CSIRO and various other institutions carrying out forest research. The emphasis here, according to Professor Bachelard, should be on topics of national importance such as the current emphasis on fast grown



Professor Bachelard

plantations. This could have important effects on wood behaviour, wood quality and on the ecology.

A Bachelor of Science in Forestry from Melbourne University, he obtained his Masters degree and PhD from Yale. He started his career as an Assistant Forest Officer with the Forests Commission of Victoria in 1953 and became Research Officer in 1963. In the same year he went to Harvard University as Instructor in Biology and shortly after his return was made Chief Silvicultural Officer with the Forests Commission of Victoria. He joined ANU as Lecturer in Forestry in 1965.

Standing Committee  
of Council meeting

At its meeting on Friday 11 August 1978 the Standing Committee of the Council of the Australian National University considered those items mentioned below.

**Membership of Council.** Professor Wang Gungwu, Director of the Research School of Pacific Studies, and Professor D.P. Craig, Dean of the Research School of Chemistry, have been chosen by the Heads of Research Schools to serve as members of Council for one year from 30 September.

Professor R.G. Ward, Head of the Department of Human Geography, RSPaS, has been elected to Council by Professors in the Institute of Advanced Studies for two years from 30 September. Mr D.W. Smith, Reader in the Faculty of Law, has been re-elected to Council by the Non-Professorial Staff of the School of General Studies for three years from 30 September.

Mr J.G. Brown and Mr P.G. Eliason have been elected to Council by the undergraduate students for one year from 30 September.

**Senior short-term appointments.** Standing Committee approved with commendation the introduction of a new category of short-term appointments at senior levels in the Institute of Advanced Studies.

The Institute may now offer appointments as professor or professorial fellow to distinguished scholars from outside the Institute in circumstances where the Board of the Institute is satisfied that an individual appointment will clearly have exceptional scholarly benefit for this University.

Appointments will be for a period of not less than two years and normally not more than three years although in exceptional cases an appointment may be made for a total period of up to five years. There will be no age restrictions on these appointments.

**Admissions Committee.** Standing Committee approved the appointment of the Deputy Chairman of the Admissions Committee as a member of the Board of the School of General Studies.

**Asian Fellowship Scheme.** The Asian Fellowship Scheme has been suspended for three years from 1979.

The Scheme was introduced in 1962 to mark a visit to ANU by the King of Thailand

Spring with Continuing Education

The program of adult classes, offered by the University's Centre for Continuing Education, for third term is now available from the Centre, campus libraries and library and LINK outlets in Canberra. All classes start from Monday 11 September and enrolments are now being accepted.

The program consists of a wide range of courses covering such topics as the civilisations of Latin America, Africa and Persia; an ecological outing to the Brindabellas; workshops on personal development and drug awareness in the community; and a selection of computer courses. For music lovers there is a most enjoyable course - Music in Canberra - which previews some of the musical and operatic programmes of the 1978 Canberra Concert scene. Another interesting course entitled - Economics and Ideologies - looks at the assumptions and arguments which shape economic policy debate both in Australia and abroad.

Enrolments will be open until Friday 1 September. It is important to enrol early as classes will be cancelled if insufficient enrolments have been received by the end of the official enrolment period (1 September). The Centre is open for enrolments on Saturday 26 August from 10am to 4pm.

Further information from: 49 3253.  
49 2662, 49 2888.

and served a useful purpose in helping to establish good contacts and relationships with Asian universities. Following a review of the Central Administration last year and in the context of cuts in the central areas budget for 1978, the Heads of Research Schools and the Resources Committee of the Board of the School of General Studies had recommended to the Vice-Chancellor that the Asian Fellowship Scheme be discontinued.

It had been felt that Asian visitors could be adequately catered for through other schemes and especially through visiting fellowships in the many ANU departments concerned with aspects of Asian countries and cultures. Similarly it had been noted that, in the reverse direction, many ANU staff visited Asian countries on study leave, for conferences or on fieldwork.

**Access to Personal Files.** Standing Committee established a committee to look into the question of access by members of the general staff to their own official personal files. The committee consists of the Assistant Vice-Chancellor, Dr M.F.C. Day, Mr B.W. Smith, Mrs P.M. Kennedy and Professor H.W. Arndt.

**Acting Director.** Dr D.S. Mathewson has been re-appointed Acting Director of the Mount Stromlo and Siding Spring Observatories for 12 months from 1 October or until a new Director takes up duty, whichever is earlier.

**Biological Safety Committee.** Standing Committee approved appointments to the University Biological Safety Co-ordinating Committee which was established by Council in July this year. Members of the Committee are: Vice-Chancellor (Chairman) or Deputy Vice-Chancellor (Alternate Chairman), Mrs M.Y. Coleman, Dr P. Cooper, Professor W. Hayes, Dr G.A. Chilvers, Dr C. Bryant, Professor D.J. Whalan and Mr N. Gowen.

**Librarian Emeritus.** Mr J.J. Graneek, University Librarian from March 1961 until his retirement in December 1972, has been appointed Librarian Emeritus in appreciation of his services to the University.

**Obituary.** Standing Committee expressed on behalf of Council its appreciation of former Associate Professor Tom Inglis Moore's services to the University. Professor Moore died on 23 July. He was appointed Lecturer in Pacific Studies at the Canberra University College in 1945, Senior Lecturer in 1950, Senior Lecturer in Australian Literature in 1956 and Associate Professor in 1959. In 1954 he instituted the first full-time course in Australian Literature at the Canberra University College. Professor Moore retired at the end of 1966.

Reporter publication dates

*ANU Reporter* is published on the second and fourth Fridays of each month. The next issue will be published on Friday 8 September for which the copy closing date is Wednesday 13 September. Inquiries: Madan Nagrath, ext. 4170/2229.

New books from ANU Press

*Australia in Peace and War* by T.B. Millar  
The first history of Australian foreign policy from Federation to date.

*The Modern Language of Architecture* by Bruno Zevi  
A new look at architecture from 'the most penetrating architectural critic of our times.'

*China: the impact of the Cultural Revolution* by Bill Brugger (ed.)  
The period between the Ninth and Tenth Congresses of the CCP was one of immense and far-reaching changes within China. This book analyses these processes of change and assesses their significance.

*'This Sin and Scandal': Australia's Population Debate 1891 - 1911* by Neville Hicks  
Essential reading in courses of the place of women in Australian life and a study that adds a new dimension to our understanding of population growth in a developing country.



Above: Members of the Research School of Social Sciences Review Committee, which completed its work this week, are seen here with the Director and Secretary of the School, Professor Wang Gungwu and Mr G.L. Hutchens. From l to r Professor Hla Myint, Professor of Economics, London School of Economics and Political Science; Professor Keith Sinclair, Professor of History, University of Auckland; Mr Hutchens; Professor Sir Rutherford Robertson, Director of ANU's Research School of Biological Sciences; and Professor Wang Gungwu. Bottom: Another member of RSPaS Review Committee, Professor G. William Skinner, Professor of Anthropology, Stanford University, (left); the Vice-Chancellor, Professor Anthony Low; and a member of the Asian Studies Review Committee, Professor C.D. Cowan, School of Oriental and African Studies, London.



New department launched



Professor Mackie

Professor J.A.C. Mackie, who recently took over as the first Head of ANU's Department of Political and Social Change, RSPaS, combines in himself a wide range of academic interests.

He graduated in history from the University of Melbourne in 1949 and then studied politics, economics and philosophy at Oxford. His teaching association with Melbourne University began in 1950 and with a few interruptions continued there until 1967. As Head of Indonesian and Malayan Studies, he was responsible for establishing one of the first undergraduate 'area studies' courses in Australia, combining language study, history and politics.

Later, Professor Mackie was awarded a Carnegie Foundation fellowship in the USA to

study 'area study' courses at Cornell, Harvard, Chicago and Wisconsin. He also spent two years in Indonesia under the Colombo Plan as an economist in the State Planning Bureau and simultaneously held a visiting lectureship in the Economics Faculty at Gadjah Mada University. He has subsequently visited Indonesia on a number of occasions, as well as Malaysia, The Philippines and Thailand.

In 1968 Professor Mackie joined Monash University as Research Director of the Centre for Southeast Asian Studies. In addition to supervision of postgraduate students, he also carried out a share of responsibility for undergraduate teaching in the Departments of Politics and History. He was at Monash until joining ANU.

Professor Mackie is thus well equipped to launch the new Department of Political and Social Change which will cover a fairly broad range of social and political problems in the countries of Southeast Asia and elsewhere in Asia. 'The main limitation on the scope of the work will be our capacity to supervise', he says. 'This will depend largely on the direction of the staff appointments made over the next few years'.

Professor Mackie hopes the Department will find it shares overlapping interests with several other disciplines in RSPaS. He spoke enthusiastically about 'the experience of shared supervision' at Monash and several overseas universities.

He is the author and editor of several books, papers and articles. His major publications are *Konfrontasi: the Indonesia-Malaysia Dispute*; (Editor) *The Chinese in Indonesia: Five Essays*; (Editor) *Australia and the New World Order*; and *Problems of the Indonesian Inflation*.

Study of fertility patterns

*Marriage, fertility and parenthood in West Africa*, in two volumes, is the latest publication from ANU's Department of Demography, RSSS. The books contain a cross section of social research relating to West African fertility and its social, psychological and economic context.

The books have been published in conjunction with the Committee on Family Research of the International Sociological Association. The text has been so prepared that both English and French scholars can make use of its ideas and tables.

Contributors to the books are internationally known and include Professor J.C. Caldwell and Dr H. Ware of ANU's Department of Demography. The Department is one of the best known centres of demographic research in the world.

The latest publications are part of a continuing series published by the Department - two of the more recent ones being under the headings *Changing African Family Project Monograph Series* and *Family and Fertility Change: Changing African Family Companion Series*.

## Classified

Next closing date: Thursday, am, 31 August, publication date Friday 8 September.

### For Sale

**Baby furniture** (potty chair, changing table, 2 buckets, bath, rocking horse) \$5 each ono. Owner going overseas. 486405.

**Bay Gelding** 15½ hands, experienced rider, new bridle halter, \$350 ono. 821657/4449.

**Eldon Manhattan** 3 pce lounge suite, covered in Wilson's green lattice velvet, new cond. 4729.

**Nomadic furniture** (dining table, shelves, lamp, 2 mattresses) \$10 each ono. Owner going overseas. 486405.

**Vulcan** two-way oil heater complete perfect cond. \$50 ono Davey 2283.

**Holden HQ** 1973 Belmont sedan radio towbar good running order \$2100 ono. 2180.

**VW Microbus** 1800cc 1974. Good cond. \$5800. 2651/9. Home 511408.

**VW 1963** sedan, 12 months rego. \$600. Child seat \$8. 4351, Richard.

**VW 1300** Bug 1968. Good cond. \$950. Jeffries 4681, 33 Groom St. Hughes.

**Beachhouse**, Mollymook, 2br, bushy surrounds, \$29000. Private sale (02) 300-0081 or (02) 560-7396.

### Wanted

**Child's 16" Bike** wanted to

buy preferably with outriders. Dorothy 3035 or 583029. **Full size Violin**, price range \$100-200. ext. 4530 or 511972.

**Wanted Dutch Language** learning material at reasonable price. 4323.

### Public Notices

**Theses** and all typing, fast accurate service, IBM Selectric. Mrs Walsh 497577.

**Typing** done at home, IBM Selectric. Theses, essays - fast, accurate service. 973409.

**Typing IBM**. Efficient and reliable service. 477882.

**Typing**, IBM Golfball, essays theses manuscripts etc. Experienced accurate typist. Reasonable rates. 473511.

## Diary of events

The closing date for diary notices is the Thursday week before publication, am, 31 August for the next issue which covers the period 11 September - 24 September.

**Tuesday 29 August**  
**Demography RSSS sem**, Mr A. Lopez - Differential mortality of the sexes in Australia: a comparison and evaluation, 3.45pm, sem rm A Coombs Bldg.  
**Humanities Research Centre sem**, Dr A. Meaney - The condemnation of witchcraft and superstition in late Anglo-Saxon world, 4pm, HRC reading rm, A.D. Hope Bldg.

**Wednesday 30 August**  
**Contemporary China Centre sem**, E. Joffe - The Chinese military, 11am, sem rm B Coombs Bldg.  
**Indonesia Study Group**, P. Guinness - Aspects of Kampung life in Yogyakarta, 12.15pm, rm 318 Asian Studies Bldg.  
**Urban Research Unit RSSS sem**, J. Kain - title to be

announced, 2pm, sem rm D Coombs Bldg.

### Thursday 31 August

**Australian-Japan Economic Relations Research Project**, Dr S. Frenkel - Industrial Relations in the Pilbara, 2.00pm sem rm A, Coombs Bldg.

**Research School of Earth Sciences sem**, Mr C. Barton - Detrital magnetization and magnetic secular variation, 4pm, sem rm Jaeger Bldg.  
**ANU Film Group**, The Tenant and Rosemary's Baby, 7.30pm, Coombs LT.

### Sunday 3 September

**Burgfilms**, My Fair Lady, 8pm. Burgmann College dining rm.

### Tuesday 5 September

**ANU Staff Centre**, wine tasting, 7.30pm, \$6 each.

### Wednesday 6 September

**Medical Chemistry Group JCSMR sem**, Dr E. Spinner - The effects of isotopic dilution on the infrared spectrum of sodium formate, 11am, Florey Theatre.  
**Pacific and Southeast Asian History sem**, Dr D. Marr - The language question in Vietnam 1920-45, 2pm, sem rm F Coombs Bldg.

### Thursday 7 September

**International Relations RSPacS sem**, Mr A.C. Simpson - International relations in a world society, 11am, sem rm C Coombs Bldg.  
**Research School of Earth Sciences sem**, Mr C.R. Johnston - An evolutionary link between the Java Trench and the Timor Trough, 4pm, sem rm Jaeger Bldg.  
**ANU Film Group**, Eight and a Half and Roma, 7.30pm, Coombs LT.

### Sunday 10 September

**ANU Film Group**, Futtok's End and The Ritz, 1.30pm, Coombs LT.

### Visitors in the University

**Professor D. Clive**, University of Rochester, NY, USA, Visiting Fellow in Nuclear Physics to 7 September, ext. 2089.

**Professor C.P. Harris**, James Cook University, Visiting Fellow, in Centre for Research on Federal Financial Relations to 10 September, ext. 4256.

**Professor M. Hatanaka**, Osaka University, Asian Fellow until December, main interests - research in econometric methods, ext. 3394.

**Mr D.K. Lal**, University College, London, Visiting Fellow in RSPacS to 27 September, main interest - development economics, ext. 3380.

**Dr R. Mendelsohn**, Visiting Fellow in Centre for Research on Federal Financial Relations to June 1979, ext. 4478.

**Professor W.R. Phillips**, University of Manchester, Visiting Fellow in Nuclear Physics to 6 October, ext. 2089.

### Awards and Fellowships

**CSFP - Sri Lanka Awards 1979**, closing date 19 September.

**Japanese Government (Monbusho) Scholarship 1979**, closing date 22 September.  
**Senior Hulme (Overseas) Scholarship at Brasenose College, Oxford**, for 1979, closing date 31 October.

**The Shell Postgraduate Scholarship - Arts, Science and Engineering** for 1979, closing date 3 October.

Further information about the above from J. Bruce, Chancery Annex, ext. 3557.

**Thomas T. Roberts Education Fellowship**, closing date 6 October.

**Weizmann Institute of Science Fellowships in Physics**, closing date 15 November.

**Radio Research Board: Fellowships in Telecommunications and radio science**, closing date 30 November.

**University of Tasmania: Post-**

graduate awards, closing date 31 October.

Further information from the Careers and Appointments Office, Chancery Annex, ext. 3593.

### Conferences Meetings Seminars

The University has received notice about the following conferences, meetings, seminars, etc:

**The 19th Industrial Safety Convention and Exhibition**, 18-19 October, Wollongong Town Hall, inquiries: N.E. Daniel, Box 2052, Wollongong 2500.

**Records Management in Local Government**, third annual conference, 7-8 November at Kingswood College, inquiries (02) 635-3244.

**Australian Symposium on Nutrition and Cancer**, 20-22 November at Scott Theatre, Adelaide.

## University Co-operative Credit Society Limited

1978 (Thirteenth)  
Annual General Meeting

The Thirteenth annual general meeting of the University Co-operative Credit Society will be held on Monday 18 September at 5.30pm in the Junior Common Room, Bruce Hall.

D.R. Sales  
Secretary/Manager

## Charge for Reporter advertisements

Advertisers are reminded that there is a charge on items appearing in the classified columns. Each item of 14 words maximum costs \$2. Special advertising forms are available at the Cashier's office in the Accounts Branch, Chancery Building, where payment should be made. Advertising is restricted to ANU staff, students and members of Convocation.



Members of the ANU Japanese Society entertained part of a group of 20 Japanese university students earlier this month at Bruce Hall. The students were on a four week tour of Australia, and visited ANU campus, as part of the Japan-Australia Student Exchange Federation scheme.

## Computer services overview

The first task of the recently appointed Computing Policy Committee is to overview the present state of computer resources of the University and to consider the future development of academic and administrative computing services.

Dr G.M. Neutze, Head of the Urban Research Unit, RSSS, is the Chairman of the Committee. Other members of the Committee are Professor N.S. Trudinger, Pure Mathematics, SGS; Dr W.S. Ramson, Faculty of Arts; Mr C.R. Steele, Library; Dr W.R. Levick, JCSMR; Mr J.A. Coleman, Bursar; Dr D.J. Faulkner, Mt Stromlo; Dr R.O. Watts, in his capacity as Director (ad interim) of the Computer Services Centre; and Professor R.D. Terrell, Statistics, SGS.

The Computing Policy Committee's terms of reference are:

- to advise the Vice-Chancellor on computing policy for the University including consideration of the proportion of University resources which should be devoted to computing facilities, excluding dedicated computers;
- to plan for the provision of computing facilities to serve users in research, teaching, and administration having regard to the present and future needs of users and existing equipment and network facilities;
- to advise
  - on the purchase of equipment from central University funds and on the coordination of purchases so as to achieve greatest possible compatibility;
  - on use, recruitment, development

and classification of computing personnel throughout the University;

- on the coordination of maintenance arrangements throughout the University;
- on the setting up of an inventory of software and a coordinated system of software purchases;
- on the allocation of funds as between competing areas of which the Computer Services Centre would be one.

The present Sub-Committee on University Computing Requirements will continue as a sub-committee of the Computing Policy Committee. Its terms of reference are:

- to draw up an overall plan for the development of central and nodal facilities considering anticipated interactive and batch processing requirements;
- to comment on specific proposals made by the Computer Services Centre or the nodes including all items of computing equipment over \$40 000 having regard to their technical merit, compatibility with the overall plan and availability of central University funds for computing equipment;
- to monitor changes in technology and University needs.

The accompanying diagram shows the relationship of the Policy Committee to the Management Committee. Its functions are to oversee the day-to-day running of the Computer Services Centre until a permanent Director is appointed and to advise the Vice-Chancellor on the long term development of the Computer Services Centre.

