

MOD

MONASH OPEN DAY '75

Saturday, August 9



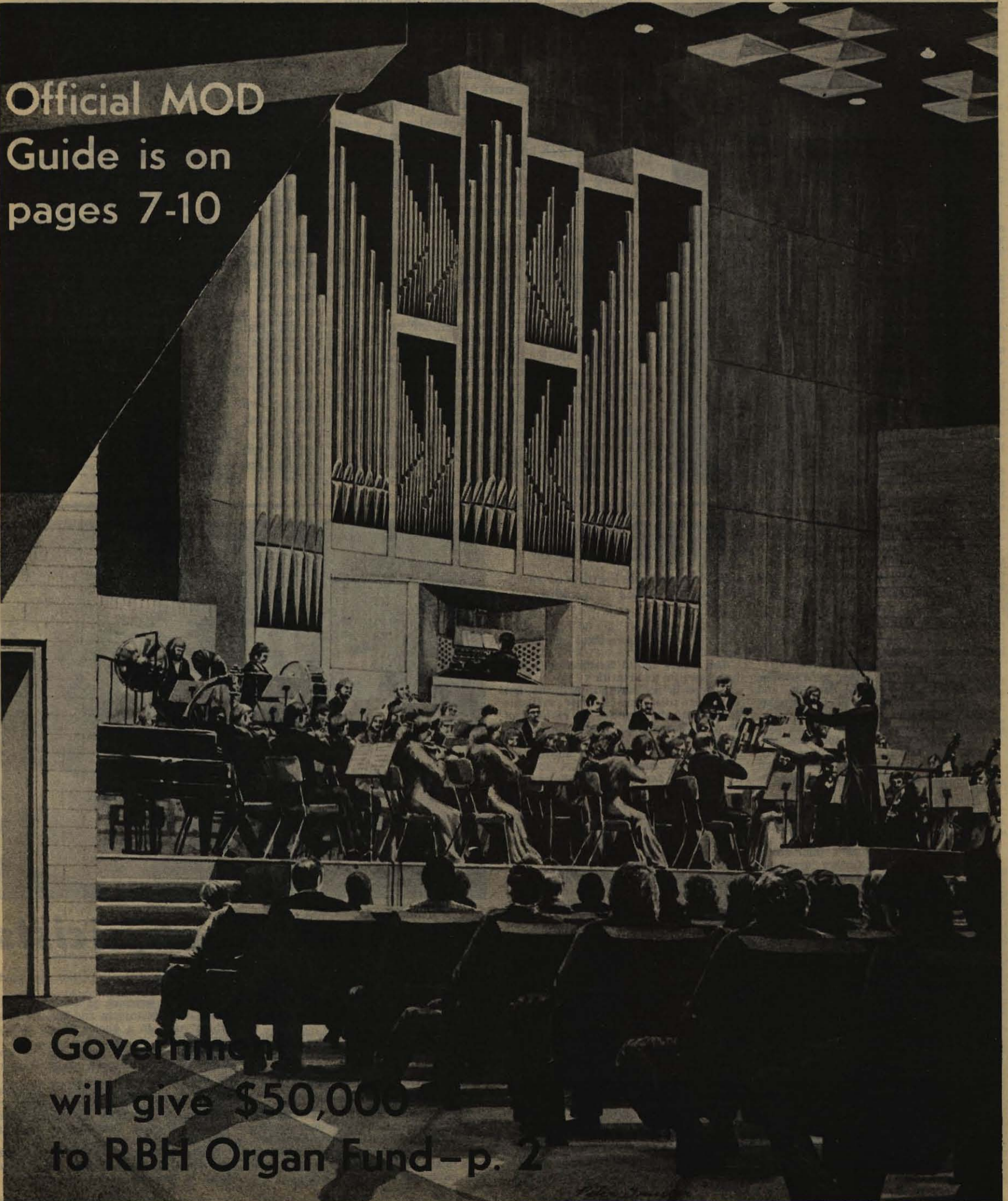
MONASH REPORTER

A MAGAZINE FOR THE UNIVERSITY

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Official MOD
Guide is on
pages 7-10



• Government
will give \$50,000
to RBH Organ Fund - p. 2

State gift will boost Organ Fund

PREMIER OFFERS \$50,000

The Victorian Government will contribute \$50,000 towards the cost of installing the pipe organ planned for Robert Blackwood Hall.

The Premier, Mr. Hamer, announced the Government's decision in a letter to the chairman of the University's Finance Committee, Mr. J. C. McNeill, last month.

Mr. Hamer wrote: "I am pleased to inform you that I have arranged for \$50,000

to be provided in the 1975/76 Votes of the Ministry of the Arts to match the amount of \$50,000 which the University is providing as its contribution . . ."

The proposed organ, a four-manual, tracker-action instrument, will be named in honor of the Vice-Chancellor, Dr. J. A. L. Matheson, to mark his work for the University. (Dr. Matheson will retire next January after 16 years' service.)

The estimated date of completion is the middle of 1978 and the final cost is expected to be between \$250,000 and \$300,000. The balance of the cost will be met by public subscription; an appeal will be launched officially later this month.

"Wonderful news"

Sir Richard Eggleston, Chancellor of Monash, welcomed the news of the Government's contribution.

"The Premier's announcement came as a wonderful piece of news to the University's Council," Sir Richard said. "We see it as an acknowledgement of Monash's growing importance in the cultural and artistic affairs of the city — and of the State.

"It is also a fine tribute to the work and influence of Louis Matheson and his wife Audrey in the growth of this University.

"Funds contributed to the forthcoming public appeal will not only ensure the con-

struction of what we hope will be the finest organ in the country, but will help to finance regular concerts and scholarships as a continuing reminder of the work of Dr. and Mrs. Matheson," Sir Richard added.

The artist's impression of the proposed organ on page 1 of this issue of **Reporter** is the work of a Monash science graduate, 21-year-old Peter Trusler, of Glen Waverley.

(Peter's work has been featured in **Reporter** before; his painting of Doublebar Finches was purchased by the University earlier this year and was reproduced in our April issue.)

The drawing was prepared in collaboration with the organ sub-committee of the Robert Blackwood Hall Committee of Management, with reference to preliminary drawings supplied by the builder, Herr Jurgen Ahrend, of Leer, West Germany.

The organ committee is careful to point out that the drawing is an impression only; final details of design and location of the organ have yet to be worked out.

Peter Trusler gained much of the inspiration for his work during a recent rehearsal and performance in Robert Blackwood Hall by the Melbourne Symphony Orchestra, under the baton of the Japanese conductor, Hiroyuki Iwaki.

FOOTNOTE: We'll have to wait three years for the real thing, but Open Day visitors will be able to savour some of the sound and atmosphere of an organ recital in Robert Blackwood Hall. Recorded organ music will be relayed through the Hall's sound system during the day — just to whet the appetite.



HELP FOR ARTHRITICS

Members of three departments in the Monash faculty of Medicine start work later this month on a survey aimed at tackling the problems of arthritis sufferers.

The survey, in Melbourne's outer eastern suburbs, will be made in collaboration with the Rheumatism and Arthritis Association of Victoria.

It will cover the cities of Waverley, Nunawading, Ringwood, Croydon and Knox, and the shires of Sherbrooke, Healesville and Upper Yarra.

Statistics suggest there are an estimated 40,000 people in the area suffering from one form or another of the nearly 100 rheumatic diseases which can be grouped under the term arthritis.

Advertisements seeking the co-operation of arthritis sufferers will be published in 23 local newspapers in the area.

The survey is seen as a pilot study for others covering further areas of Melbourne as well as country areas.

Dr. Barry Preston, senior lecturer in the Department of Biochemistry and an executive member of the RAAV, has been responsible for obtaining Federal funding for the project under the Australian Assistance Plan.

Besides Biochemistry, other Monash departments involved are Social and Preventive Medicine and Anatomy.

The initial aim is to discover more precisely the prevalence of the disease and to define the social, as opposed to medical, needs of sufferers.

"We know arthritics have problems such as being unable to climb stairs to enter public buildings, or turn conventional doorknobs, get in and out of baths, or climb the steps of public transport," says Dr. Preston.

"Through the survey, we want to find out the most pressing needs so corrective action can be planned."

The ultimate aim is to set up an information and resources centre for

arthritis sufferers, to be staffed by medical and paramedical personnel, says Dr. Preston.

The centre would function as a self-help service to arthritics.

"There is no cure for arthritis but excellent treatment is now available to dramatically improve the mobility of those suffering from most forms of the disease," says Dr. Preston.

Monash staff are already actively engaged in a concerted effort to help rheumatism and arthritis sufferers.

Three members of Biochemistry — Professor Dennis Lowther, Dr. Christopher Handley and Dr. Preston — are involved in an educational program aimed at informing the lay public of various aspects of rheumatic diseases.

Professor Lowther also heads a team of some 30 researchers studying fundamental aspects of arthritis. Members of the Department of Anatomy are also involved in this work.

New post for Dr Serle

Dr. Geoff Serle, reader in history, has been appointed joint general editor (with Mr. N. B. Nairn, of ANU) of the *Australian Dictionary of Biography*.

The appointment dates from July 1, and means that Dr. Serle has had to relinquish some of his Monash duties. However, he will retain a part-time appointment as reader, and will continue to supervise postgraduate students.

Dr. Serle and Mr. Nairn will have joint responsibility for volumes 7-12 of the Dictionary, covering the period 1891-1939. Volume 6 is expected to be published next year and Vol. 7 will follow in 1978.



New look for physicists

Members of the Monash Physics Society are trying on these new T-shirts for size — or perhaps it should be psi.

The Greek letter "psi," which in physics represents quantum mechanical wavefunction, is a centrepiece in the design.

It is surrounded by a classic representation of the orbit of electrons.

The Physics Society now has 160 members, both in and outside the Physics Department. Its aim is to promote an interest in physics but members also get together for barbecues, car rallies and smorgasbords.

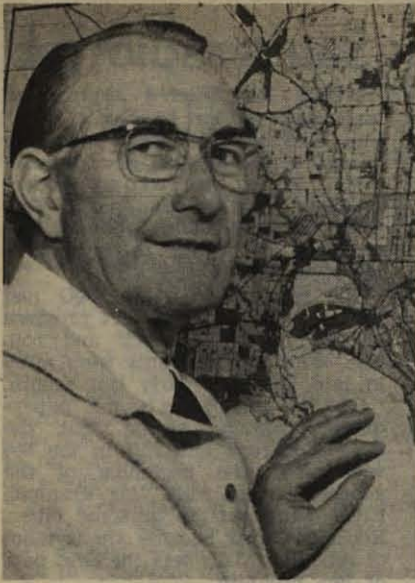
On Friday, August 8, they are holding a dinner dance.

Anyone is welcome as a member. It costs 70 cents to join and the T-shirts, which come in a choice of six colors, cost \$3.60.

Details of membership can be got from society treasurer, Gary Gugger, on ext. 3703.

Gary, a 4th year student in Physics, designed the T-shirt. The graphic art work for it was done by Sue Aylward of the Physics Department drawing office.

● Sue and senior lecturer Fred Smith are pictured above putting on a bold front in the new garb.



● Professor Cumming

New body will promote safety research

Fifteen years of road safety research by Professor Ron Cumming, of the University's Department of Psychology, has been recognised in his appointment to the new Australian Government Road Safety and Standards Authority.

The authority has been established to promote road safety and the means for the control of vehicle emissions, and consumer protection in relation to motor vehicles.

It will seek to do this through improvement programs, development of national standards and traffic codes, certification of vehicles and components, education and publicity campaigns and an extensive information service.

The headquarters of the authority are to be a \$10 million complex at Albury/Wodonga, and the authority itself is to consist of a full-time chairman and two part-time members.

The Australian Minister for Transport, Mr. C. K. Jones, recently announced that Mr. Frank Yeend, head of the Air Safety Investigation Branch in the Australian Department of Transport, had been appointed chairman of the authority for a period of five years.

The two part-time members, for a similar period, are Alderman Clem Jones, former Lord Mayor of Brisbane and a qualified surveyor and town planner, and Professor Cumming.

As with the new chairman of the authority, Mr. Yeend, air safety was the beginning of Prof. Cumming's involvement in road safety.

Until 1966, Prof. Cumming was an aeronautical engineer with the Aeronautical Research Laboratories, involved in aircraft design and subsequently aircraft operations.

The latter led him to ask questions about pilot judgments and human skills, and he began postgraduate studies in psychology.

He became interested in driver behaviour research in 1960.

"I am interested in the human factors in engineering systems, and the road

traffic system is a complex system which relies for its performance on human skills," Prof. Cumming says.

Road user behaviour has been under investigation by the University's Department of Psychology, under Prof. Cumming's supervision, in conjunction with the Australian Department of Transport, for the past year.

Financed by one of the largest research grants ever given to Monash — nearly \$138,000 awarded by the Department of Transport — the project will take three years to complete.

Five members of the Psychology Department are in the research team which is currently looking at the extent to which people conform to formal (that is, legal) and to informal road rules which operate at intersections.

The team is concerned with road user behaviour as it relates to accidents.

The study will lead to recommendations on priority systems, the legal traffic code, traffic engineering and recommendations about vehicle construction.

Funding role

Funding of road safety research projects, previously the responsibility of the Department of Transport, will now be taken over by the authority. This brings the Monash study into the sphere of the authority.

To avoid any difficulties, Prof. Cumming has relinquished his position as principal investigator on the Monash research project. The team will now be led by Dr. Tom Triggs.

As well as the Monash project, Prof. Cumming was the founding chairman

of the Human Factors committee of the Australian Road Research Board and is a member of the Advisory Committee for Safety in Vehicle Design, a federal body.

Prof. Cumming says his new position will require frequent meetings of the three members for formal policy-making sessions while the daily control of the authority will be undertaken by the full-time chairman and a secretariat.

Prof. Cumming says the role of the authority as a national co-ordinating body is a tremendous breakthrough — as one of the greatest difficulties in road safety research and development has been the fragmentation of authority between municipal and State authorities, with minimal involvement at the federal level.

The authority will have a number of very precisely defined functions.

It will develop an Australia-wide traffic and accident information system so that, for the first time, there will be a comprehensive and readily available source of information for traffic and vehicle engineers, administrators, planners and others.

It will gather information from Australia and overseas, which currently is being collected in isolated segments by individual authorities, and is not readily available.

It will have facilities for testing vehicles for conformity to safety design rules. At the moment government authorities have no independent facilities, other than New South Wales, where there is a small testing facility. Consequently, information is available only from the manufacturers' laboratories or private laboratories.

The authority will have experimental facilities to allow for the building up of expertise in vehicle manufacture outside the manufacturers' laboratories, and will therefore enable the development of an independent group of experts.

It will also have enough equipment to enable it to carry out development and testing on behalf of branches of the vehicle industry which do not have such equipment in Australia.

At present, according to Prof. Cumming, a number of manufacturers cannot carry out Australian testing but must have the necessary work performed in the United States or other countries.

The facilities available at the Albury/Wodonga complex will include several specialised laboratories and outdoor sites incorporating a test track, skid pan and associated road network.

"Australia will now have, as it must have, a national facility aimed at developing and making available to the industry at large and to legislators, knowledge that is relevant to road safety," Prof. Cumming says.

At left is a site plan of the proposed RSSA test track at Albury-Wodonga. 1. Test slopes. 2. Acceleration lane. 3. lay-by. 4. Skid pan. 5. Water trough. 6. Drivers' amenities. 7. Gravel bed. 8. Roadside furniture research. 9. Braking lane.

U.C. REPORT DEFENDS AUTONOMY

"In a free country, universities are not expected to bend all their energies towards meeting so-called national objectives which, if not those of a monolithic society, are usually themselves ill-defined or subject to controversy and change."

The Universities Commission says this in a spirited defence of university autonomy contained in its sixth report which will go before Parliament this month.

The Commission warns that, since universities are now almost totally dependent on the Australian Government for their funds, it would be possible to attach conditions to grants which eroded the universities' responsibility for determining their expenditures.

It goes on: "Such conditions could be by way of providing grants for specific purposes, or by requiring universities to pursue particular policies in the courses they offered and the manner in which they were taught."

"The Commission is firmly opposed to such procedures."

"The Commission's commitment to university autonomy reflects much more than a desire to protect the formal status of the universities. Rather it stems from a conviction that universities will in general better achieve their purposes by self-government than by detailed intervention on the part of the public authorities."

The Commission says that a university could not fulfil its role as "conscience and critic" of society if it was expected to be an arm of government policy.

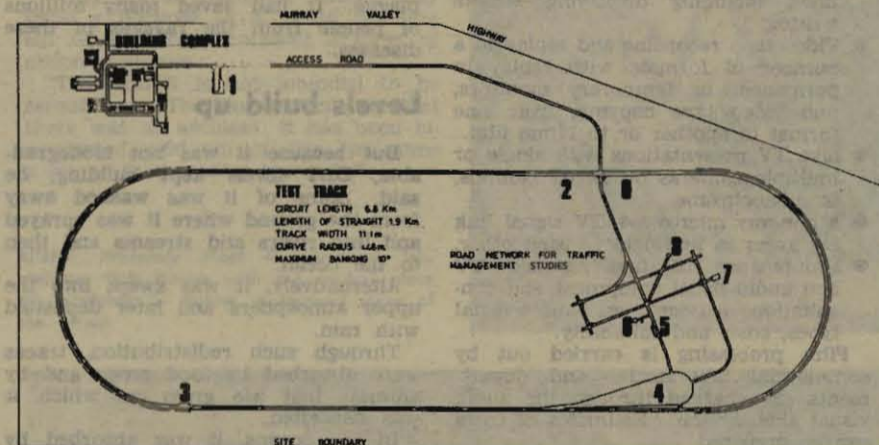
"Moreover," it says, "universities must prepare their students for life in a world the characteristics of which are necessarily imperfectly foreseen. An institution which geared its activities to known requirements could hardly provide an education appropriate to meet as yet unknown requirements."

However, the Commission acknowledges that universities would be unable to make a full contribution to social life if they were unresponsive to community needs.

Universities were historically a major source of highly trained manpower, especially in the professions, and governments were often in a better position than individual universities to estimate the requirements of those professions.

"It is not therefore an infringement of rationally justifiable autonomy if universities are asked to respond to government requests to expand facilities to train students for the various professions, provided the type of training that is necessary is appropriate to be conducted within a university."

The Commission lists social work, special education, medicine and dentistry as appropriate areas in which government-initiated expansion would be desirable.



Safety is their game, too . . .

Each year drivers from the University's Central Services transport pool cover more than 250,000 miles — and they've achieved an outstanding safety record.

Last month, this record was acknowledged officially when six drivers were presented with "Freedom from Accident" certificates and badges awarded by the National Safety Council of Australia.

Pictured here receiving their awards from the Acting Vice-Chancellor, Professor W. A. G. Scott, are, from left (back row): John Tanner (1 year accident-free driving), Jack Finch (8 years), Allan Hickey (1 year). Front row: Kevin Grace (3 years), Bill Kirby (transport co-ordinator), Kevin Perry (10 years) and Russell Hall (3 years).



Teachers: Demand shrinks, but supply grows

Teaching—the most important field of employment for graduates at present—is moving into a period of contracting needs and parallel surpluses of teachers, according to Monash's Careers and Appointments Officer, Mr. Warren Mann.

The rapid growth in output of graduates from disciplines such as the humanities, social sciences and biological sciences, in which there are few obvious employment alternatives, and the growth in teacher training facilities at both universities and colleges, are contributing to a potential over-supply of graduate teachers, Mr. Mann says.

He also highlights the numbers of trained married women returning to the teaching force, and the growing numbers of men taking teacher training, who are likely to have longer working lives.

Demographic trends indicate that the numbers of students will contract, first at primary and then at secondary and finally at tertiary levels.

Mr. Mann also considers that a social reaction against education will grow, tending to reduce the emphasis on higher education.

In a recent edition of "Careers Weekly," Mr. Mann says present attitudes to teacher training should be changed, in order to avoid the worst effects of imminent teacher surpluses.

The numbers of teaching institutions should be reduced, rather than expanded, and the emphasis placed on the quality of vocational training rather than the numbers of students and the excellence of institutions' academic reputations.

Training in fields which currently have a strong emphasis on professional or quasi-professional future employment, such as the pure sciences and law, should be modified with more emphasis placed on their general educational value.

Mr. Mann says the social and behavioural sciences show signs of presenting serious problems, with many students disillusioned at the realisation that nobody is prepared to pay them to solve other peoples' problems.

Social work surplus

Social work employment, at present an exception, is likely to be affected by a surplus of trained people within a decade as a result of the "mushrooming" of schools of social work.

Business administration, or management training, another popular post-graduate development, will be affected by the likelihood of a non-growth industrial economy.

Mr. Mann considers there are three particular areas in which increases in demand for graduates may occur.

One is health occupations, including doctors, and nurses, hospital and health-centre administrators, physicians' assistants and health scientists.

The others are labor relations, with

the increasing complexity and importance of employer-employee relations, and computer technology.

"If we are to take advantage of the huge community investment in higher education to meet the rapidly changing needs of the community itself, we must find ways to avoid the professional petrification of the graduates being produced," Mr. Mann says.

He points to the experience in the USA where the 1973 Carnegie Commission report on Higher Education saw a pattern of future graduate employment similar to the one Mr. Mann envisages in Australia.

"In some ways, the experience of that country can provide us with useful checks on planning, for in many economic and related social developments it seems to precede Australia by about five years," he says.

"It is nothing short of tragic that we take so little advantage of this exemplar and, we constantly make the same avoidable mistakes as have been made in the quite recent past across the Pacific."

Sue's radio job

WORD has filtered through of last year's editor of "Lot's Wife," Sue Mathews, the first female in charge of the student newspaper.

Sue, 22, a sociology honors graduate from Monash, is in Toowoong in Queensland following her ambition of trying to become a script writer on the ABC.

She approached radio 4QG and they accepted her two-part program on the history of rock and roll. The 30-minute programs were aired in late May and early last month.

One of the Brisbane papers quoted Sue as saying that the advent of rock and roll in the 50s was really the beginning of the generation gap with, for example, Elvis being banned in some cities. Rock and roll became the symbol of rebellion. This was the first part of her program.

In the 60s, Sue said, politics and the use of drugs affected the music. Her program finished with the revival of rock and roll in the seventies and its place in the general movement towards nostalgia.

There's DDT in all that we eat now

All food now eaten by humans contains some trace of DDT, Monash reader in biochemistry, Dr. Lawrence Austin, told a meeting of the Monash Parents' Group recently.

But there appeared to be no need for alarm, he added. There was no direct evidence that the chemical was harmful to animals except in very high dosages.

This was despite the fact that more than a million tons of the insecticide had been sprayed around the world in the last 30 years.

"If there is an effect on man it is very subtle," said Dr. Austin.

Between 30-50,000 tons a year was still used in tropical and sub-tropical countries to control insect-borne diseases such as malaria, typhus and plague. It had saved many millions of people from the ravages of these diseases.

Levels build up

But because it was not biodegradable, DDT levels kept building, he said. Some of it was washed away from the ground where it was sprayed and into rivers and streams and then to the ocean.

Alternatively, it was swept into the upper atmosphere and later deposited with rain.

Through such redistribution, traces were absorbed by food crops and by animals that ate grass on which it was deposited.

In the oceans, it was absorbed by planktons, which were eaten by marine life, which in turn were eaten by others. As it was passed on up the ocean food chain, it continued to be concentrated until the level became quite high.

"Fish, particularly shellfish, are particularly good — or bad — at concentrating DDT," said Dr. Austin.

Use of the insecticide in Australia had dropped markedly in recent years, he said. Government controls meant it could not be used on food crops but it was still used on crops such as cotton.

Mothers who breast feed were giving their babies regular doses of DDT, said Dr. Austin. The insecticide was stored in the fat of animals, including humans, and milk contained relatively large amounts of fat. There was no advantage in bottle feeding because milk from cows was affected in the same way.

But again there was no evidence that this dosage was harmful to infants.

Dr. Austin did warn against careless use of garden insecticides, including organic-chloride-based ones as well as DDT.

Differences in DDT levels between humans was more likely to be related to the amount absorbed in the garden rather than to that eaten in food.

THERE is going to be more than the normal spate of pre-Christmas celebrations in the Finance Branch this year. Julie Johnson, clerk, Helen Male, typist, and Marilyn Grant, comptometrist, are all expecting children within a week of each other in mid-December. Congratulations!

AVA lists its services

The University's audio visual aids section is available to all departments for preparation of material in slide, movie, TV monochrome, audio tape and videotape formats.

The section can also either make copies of material produced in these formats or transfer material from one format to another.

The section has facilities to prepare or help with, the following:

- Slides and slide programs, including automatically synchronised sound.
- 8mm and 16mm sound or silent motion film, in color or monochrome, and projection of films.

- Audio tape recordings, dubbing and editing.
- Public address systems, PMG landlines, including displaying remote writing.
- Video tape recording and replay in a number of formats with replay to permanent or temporary monitors, and video tape copying, from one format to another or to 16mm film.
- Live TV presentations with single or multiple cameras on or off campus, in monochrome.
- A one-way microwave TV signal link for areas in line-sight of each other.
- Maintenance of faculty-owned TV and audio-visual equipment and consultation services on audio-visual types, costs and suitability.

Film processing is carried out by commercial laboratories and departments are charged through the audio visual aids section. Estimates of costs can be prepared.

The audio visual aids officer, Mr. E. Snell (ext. 3880), the production supervisor, Mr. D. Hauser (ext. 3884), and the technical supervisor, Mr. G. Askew (ext. 3881) can give further information and take bookings.

CCE SEMINAR

The use of simulation to aid decision makers and controllers in their response to a world of rapid change and extensive interaction will be taught at a seminar at Monash next month.

Simulation skills, as distinct from programming skills, employing special computer technology, will be taught at the seminar, arranged by the Monash Centre for Continuing Education.

Lecturer and workshop leader for the seminar will be Dr A. T. Clementson, formerly an operational researcher with Esso (UK), where he introduced simulation techniques, and at present a member of the Department of Engineering Production at the University of Birmingham.

The seminar will be held on September 1 and 2 in SGO2, ground floor, south extension, Humanities Building.

Fee for the course is \$60, and includes lunches and morning and afternoon teas.

Bookings must be made by August 15. Further information is available from the Director, Dr J. A. McDonnell, ext. 3694.

UNION NIGHT GOES CULTURAL

A union night with a difference, intended to appeal to all ages and groups, has been organised by MAS Activities for Friday, August 8.

The evening will be a variety night with a mix of staff, students and professionals entertaining by indulging in their own interests.

Doug Ellis of the Sports Union will host the evening, which will run from 7 p.m. to 11.30 p.m.

Dr. Ian Hiscock, of Zoology, will be winemaster at a tasting of selected

Victorian wines and cheeses, beginning at 8 p.m.

A demonstration of Korean martial arts, Tae Kwon Do, is also scheduled for 8 p.m. and, for two hours from 8.15 p.m., Hungarian goulash soup and cakes will be served in the conference room while a folk music concert is held.

A student, Richard Vella, has written a "song without words in D major," for the harp, especially for the night and other musical performances will include a modern jazz group, the Steve

Winstanley Trio; Chris Freeman, contemporary classical and flamenco guitarist; a trad. jazz group and the bush ballad group, Black Stump.

MUMCO will put on a special performance of "Before Your Very Eyes," a melodrama, in the Union Theatre. Admission will be \$1. The musical comedy society will also have a 10 p.m. performance of music hall.

MAS activities hope the night will appeal to families; children will be welcome.

They're all doing it

At least one Monash professor does it . . . and so do a number of other academic staff.

And hundreds of students have joined them, although it took a special survey to discover just how many.

They're all travelling to and from campus by pushbike — part of a rapidly growing fraternity.

Bill Robinson, of the Community Research Action Committee, says more than 300 cyclists now regularly pedal to the university rather than use cars or public transport.

That's estimated to be a 100 per cent increase on last year, Robinson says.

CRAC and the Monash Pushbike Club aim to promote the bicycle to even greater popularity in the coming months.

They say pedalling is the ideal way to travel for anyone living within a reasonable distance from campus. "Seven miles seems a fair range," suggests Robinson.

The bike enthusiasts say their machines save money and time, especially in rush hours. They don't pollute, they reduce on-campus parking problems, and as a bonus they provide a daily dose of healthy exercise.

Chairman of the Department of Politics, Professor Herb Feith, is one of them. He cycles to and from most days from Glen Iris.

Senior teaching fellow in the Department of Japanese, Mrs. Ryoko Murano, also pedals in daily.

CRAC and the Pushbike Club admit they were surprised at the number of dedicated cyclists at Monash.

Bill Robinson explains: "We only discovered they numbered more than 300 after a wheel-by-wheel count. You just don't notice there are so many bikes because of the cunning way people hide them."

"Most are worried by the possibility of theft."

Partly for this reason, CRAC and the Pushbike Club are considering trying to get a central storage area with racks for 300-400 bikes.

"If it could be sited where there is plenty of passing foot traffic it should provide a fair amount of security," says Robinson.

Unofficial time trials by pushbike commuters have shown it takes:

- 35 minutes to pedal from Malvern station to Monash.

- Under 15 minutes from Glen Waverley shopping centre.

- 25 minutes from the junction of Highfield and Toorak Roads, Highfield.

These are times for experienced riders and beginners might take a little longer.

The growing Monash interest in pushbike transport parallels a similar growth in popularity at other universities, particularly Queensland and UNSW.

At UNSW, Associate Professor Elias Duek-Cohen, two tutors and 23 second-year town planning students recently completed a major survey of the problems and prospects of the new wave of cyclists.

Medicos to meet

Monash will be the venue for the third annual conference of the Australasian and New Zealand Association for Medical Education later this month.

President of the Association is Dr. Ian Findlay, senior lecturer in the Monash department of paediatrics at Queen Victoria Hospital.

The Association's aims are the promotion, advancement and support of education in the health professions, and the facilitating of communication between educators in the health field.

The 1975 conference program is designed to teach new educational skills and develop personal involvement among the participants.

The conference will run from August 20 to August 23. Participants from all States and New Zealand will be accommodated in the Halls of Residence.

Out of a bridge tragedy — some works of art

Three huge pieces of buckled and twisted metal with a tragic history have become an unusual piece of Monash sculpture.

They are portions of the span of Melbourne's Westgate Bridge which collapsed in 1970 with the loss of 35 lives.

Now they serve as a valuable teaching aid for students in the university's Department of Civil Engineering.

And out of investigations into the cause of the collapse has come an extensive research program.

This covers the fundamental aspects of local instability in structures and in particular the use of stiffened metal plates as a method of strengthening box-girder constructions.

The huge chunks of metal have been set in concrete at the south-east corner of Engineering Building 5.

It is planned to add three further pieces — two metal panels deliberately buckled during testing in an adjacent laboratory and a section of the redesigned deck panelling now being used on the bridge.

The new decking was designed and tested in the Monash laboratory by members of the Department of Civil Engineering.

Research program

The accompanying research program was made possible by the Westgate Bridge Authority supplying undamaged examples of stiffened plates.

These came from replaced sections of the deck of the bridge.

Four members of the department, led by chairman, Professor Noel Murray, are involved.

The others are Ph.D. students Walter Michelutti and Denis de George (also a tutor in the department) and Khoo Ping Seng, who is studying for a master's degree in engineering science.

Displaying the bridge sections serves a threefold purpose, says Professor Murray.

"They are an historical exhibit, they serve a purpose as a useful teaching aid — and they represent a form of action sculpture."

"The exhibit is not intended to be sensational. The simple facts are that there was an accident, it has been investigated, and out of this has come a lot of fundamental research."

RIGHT: Professor Noel Murray and lab. manager Bob Runge with the central piece of "sculpture." Below, a general view of the group.



Open Day visitors who don't know what to do or where to go next need only keep an ear open for 3MU speakers around the Union and their problem will be solved.

The student radio will operate all day and will act as a public address system for all activities that are happening on the campus.

Any groups, clubs or departments that have not organised publicity still have time to contact 3MU staff to arrange free advertising for their activity on Saturday.

Call into the studio in the basement of the Union or ring ext. 3129 for a free plug.

3MU began its career as an experiment for Open Day 1972 and the station's important role in this year's MOD activities indicates its growth in the three years since.

For MOD 1975, the station will operate from its home among the music practice rooms in the basement of the Union's north extension. An impressive array of equipment includes a cassette deck, openreel tape deck, two turntables, two microphones and medium wave/short wave radio tuner, all feeding into a 10-channel mixer.

Over 1000 singles and record albums make up the station's library and other records are lent by the record market and student organisers.

This year 3MU has more than 40 regular announcers, most of whom are first-year students. Two women are among them and one, Rebecca Batties, is program manager.

The station already has a licence to broadcast over loop antenna to the Halls of Residence, where students could tune in on any normal transistor.

However, for want of \$500 and in deference to a much bigger project, the Halls scheme has been deferred.

The project occupying 3MU at the moment is the joint application with 3ST (at RMIT) and 3CT (at Caulfield Institute of Technology) for a low-coverage amplitude modulated restricted commercial broadcasting station for a student radio network.

The student radio network was one of 11 applicants for Melbourne's 11th radio licence.

OPEN DAY SIDELIGHTS



Rebecca Batties, program manager, and Tony Duckmanton, administrative chairman, put together a program at Radio 3 MU. The station will be on air throughout Open Day relaying music, reminders and announcements.

Submissions for the licence, for a community radio station broadcasting over a radius of 16 kilometres, were made at a public inquiry in Melbourne in June.

If the student application is successful, a transmitter will be installed at Swinburne College of Technology from which programs, from the three existing student stations, will be broadcast to residential colleges at all universities and colleges in Melbourne.

3MU administrative chairman, Tony Duckmanton, says the student radio network would appeal to 17 to 30 year-olds and would have a student and youth audience of 300,000.

Now for the encore . . .

Students from African countries will provide a colorful encore to Open Day with a night time concert in Robert Blackwood Hall.

The cultural display will include music, dancing, children's games, and a parade of national dress from the various African nations.

There will be traditionally-costumed dances of Ghana, Nigeria, Zimbabwe, Kenya and Malawi, and a modern African ballet from South Africa.

Robert Blackwood Hall will boom to the sound of conga drums, talking drums from Ghana, cowbells, and the piano-like sound of an instrument called the "mbira" — a hollow gourd with metal strings which is held in the hands and plucked with the thumbs.

Symbolic dances will be demon-

strated, such as one used at the installation of a chief and another by a fetish priest and priestess during a spiritual healing ceremony.

The 20-odd dancers will present a segment showing the games and dances African children use to occupy their leisure time.

The concert is being presented by the All-African Students' Union in Australia. It has been titled "Ngoma", a word common to many African languages and meaning "drums", or "music festival" or — in the case of Malawi — "wardance".

The two-hour show starts at 8.15 p.m. Tickets, costing \$2.50 (\$1.50 for students) are available at Robert Blackwood Hall booking office or at the African-Australian Open Day desk in the Union.



It will be like Sherwood Forest (without the trees) on the sports field behind the Union on Saturday afternoon.

"Robin Hood" and "Maid Marion" will entertain Open Day visitors by letting fly with a quiver or two of well-aimed arrows.

But their target, instead of the Sheriff of Nottingham, will be balloons, cards and dartboards.

Wearing the colorful costumes will be members of the Monash Archery Club.

Besides the novelty shooting exhibition, they will hold a competition between their best bowmen.

The bow show starts at 2 p.m.

TAKING aim, above, are Archery Club members Diane Cooper (long bow) and Ian Davidson (crossbow).

EMERGENCY?

Open Day 1975 hopefully will pass without accident — but if it does not, Monash's emergency vehicle will be ready and waiting to help.

The vehicle, equipped with crowd control loudspeakers, is linked by two-way radio to the University's emergency extension 3333.

It will be on stand-by all day, manned by qualified St. John Ambulance officers.

The Toyota van is equipped with fire extinguishers of various types, an extension ladder, a fire blanket, a stretcher and an oxygen mask.

It has been in use for exactly one year, coming into service for MOD 1974.

The van cost \$1750 to equip. The William Buckland Foundation gave \$1000 for alterations to the van and the University's Safety Committee spent \$750 on the equipment.

In its first twelve months, the van has been called out several times a month, with problems ranging from a student fainting in the Humanities building, to car accidents on campus, to a fire on the library extension building during which two men were overcome by smoke.

Ron Berry, parking officer, and Tim McNair, co-ordinator in the University's Central Services, who are trained ambulance officers, normally man the vehicle.

If one or both men are not available, Bridget Presig, 23, in the parking office, is also a qualified St. John Member and can take the vehicle out to an emergency.

Roadworthy checks

Free road worthiness checks on cars and a chance for a "friendly" puff on a police breathalyser are available to Open Day visitors.

It's all part of a road safety display by the Monash Sporting Car Club, organised with a lot of help from Waverley Jaycees. They've adopted the slogan "Graduate—don't Undertake."

The display takes up the southern end of the new Recreation Hall and also the small car park between the Hall and the Sports Centre. The car park will be closed off for the day.

Visitors can try their skill in driving simulator machines and watch emergency resuscitation demonstrations by members of the St. John Ambulance Brigade.

There will be a large stand distributing road safety posters and leaflets.

Sporting Car Club members will demonstrate safety features on their rally and road cars and answer motor-ing questions.

Besides manning the various machines and stands, the Jaycees will have members with sandwich boards roaming the campus to distribute posters and leaflets and direct people to the display.



Tuesday taste-tempters

Campus culinary connoisseurs who fancy their skill with a skillet or their panache with a pan now have an opportunity to demonstrate their talents.

Clubs and Societies are on the lookout for instructors for their weekly Cooking Network demonstrations.

The cook-ins are held every Tuesday night from 6-8 in the common room of the Sports Centre.

Initially the idea is to demonstrate the knack of cooking the national dishes of overseas students at Monash.

Clubs representing various nationalities are being encouraged to participate and it is hoped some departments will join in.

A member of the Department of French has already promised a night of Gallic gastronomy.

But Julie Walker, of Clubs & Societies,

says they welcome individuals who have a special dish or two — any nationality — to add to the menu.

Those interested should contact either Julie or Clubs' Liaison Officer Mandy Smith on 3144, 3180 or 3168.

Those interested in learning pay only 50 cents to watch the demonstrations — and to take part in a tasting session at the end of the night.

So far the sessions have covered Greek, vegetarian, Chinese and German cooking. Future ones could include Indonesian, Spanish, French, Malaysian, Arabian and Sri Lankan food. This week's demonstration is African cooking.

Duplicated copies of the recipes are handed out at each demonstration and there are tentative plans to publish them as a collection later in the year.

YOUR OFFICIAL GUIDE

WHERE TO GO — WHAT TO SEE AND DO

MAP KEY: Figures in brackets indicate locations on the map of the campus, page 6. The bold letter and numeral combined refers to the GRID; the light numeral refers to the BUILDING NUMBER.

ACADEMIC DRESS DISPLAY

Academic dress and regalia will be on display on mezzanine floor, Robert Blackwood Hall. Opens 10 a.m., closes 3 p.m. sharp.

AFRICAN-AUSTRALIAN (K8) (9)

Photographic displays in Union, upper foyer. Also sale of tickets for "Ngoma" — a concert of African music and dancing — in Robert Blackwood Hall at 8.15 p.m.

ALEXANDER THEATRE (N9) (6)

Modern dance concert — "These Feet Were Made for Walking" — from 11 a.m.-12 noon and 12.30 p.m.-1.30 p.m.

Children's Theatre (Saturday Club), called "Fun with Singing", from 2.30 p.m.-4.30 p.m. Adults \$2, children \$1.50. Monash Players' production of "Death of a Salesman" from 8 p.m.-11 p.m.

ANATOMY (L6) (12)

Anatomy museums in A block and C block, ground floors, Medicine, will be open all day displaying research and teaching activities. A continuous demonstration of transmission and scanning microscopy will be held in C block.

ANTHROPOLOGY AND SOCIOLOGY (L8) (10)

Museum of Aboriginal art, 10th floor Humanities, is open all day. Information about the faculty available 10th floor Library. Films shown during the day in lecture theatre H1, starting 10 a.m., include Angotok (Eskimo life), Bushmen of the Kalahari, and North Indian Village (caste and occupation in an Indian village).

ARCHERY

Grounds north of Union. Archers in fancy dress will hold novelty shoots, displays and darts matches with the public from 2-3 p.m.

ART SHOW (G5) (32)

The Department of Mathematics will stage an exhibition of works by artists of Slavic origin in aid of the Minus Children Appeal. Artists represented include Petr Herel, John Krzowski, Romana Faviar, Rade Miljkovic, Anne Cybulsky, Jean Sindelar, Ostoya Kolkowsky, M. Kmit, E. Zatecka and B. Gaspar. The exhibition, in the Seminar Room, third floor, Mathematics building, will be open from 10 a.m. to 5 p.m.

ARTS FACULTY (L8) (10)

Humanities building. The Dean, Professor G. R. Manton, will give a short talk entitled "The Monash B.A." at 10.30 a.m., in the Assembly area, ground floor, south wing. The lecture will be repeated at 2.45 p.m.

A panel discussion and question and answer session on "How the Migrant has influenced Australia — and Vice-Versa" will be held by the Co-ordinating Committee for Migrant Studies in the same area, noon-12.45 p.m. French cooking (province of Brittany) will also take place in the Assembly area.

ASTRONAUTICAL SOCIETY (H8)

Official NASA films in lecture theatre E3, from 10.30 a.m.-3 p.m. Club room open.

CHEMISTRY (J5) (20)

Continuous demonstrations of teaching and research activities. Lecture demonstrations in lecture theatres S4 and S6 from 10 a.m.-5 p.m.

Chemical magic displays in S6 at noon and 3 p.m. Glass blowing demonstration in S4.

CLASSICAL STUDIES (L8) (10)

A display of old books and artifacts, including a Mycenaean axehead from circa 1300 BC and old coins, can be seen in the department's museum, room S625, south wing, Humanities building, from 2 p.m. Talk with slides: "Monuments of Ancient Greece" at 11 a.m. and 2.30 p.m.; "Daily Life in Ancient Rome" at 11.30 a.m. and 3 p.m.

CLUBS AND SOCIETIES (K8) (9)

Continuous display. Upper Foyer, Union. Information concerning three main activities — Summer School, Union tuition, club activities.

COMMUNITY RESEARCH ACTION CENTRE (K8)

Centre to evaluate and co-ordinate research into social and environmental problems. Open all day. Information provided. First floor, Union, eastern end.

COMPUTER CENTRE (G5) (32)

Walk-through display of computing equipment, access to B6700 terminals and the educational computing system. Demonstrations of braille terminal and computer terminal programs, e.g. landing a lunar module.

Introductory lectures on programming from 10 a.m.-12 noon and 2 p.m.-4 p.m. Room G9 Science North.

ENGINEERING — CHEMICAL (E8) (31)

Continuous displays of equipment relevant to chemical engineering in waste treatment, minerals, petroleum, general chemicals, and rheology. Building 5. Films from 12 noon in Room G17.

ENGINEERING — ELECTRICAL (G8) (31)

Displays are in engineering buildings 4 and 6 (recent extensions to building 4 on east side).

1. Power laboratory (ground floor, building 4). Power system simulations, network analysers, electrical machines and electromagnetic devices.

2. Control (room 105 and engineering analog computer laboratory, first floor, building 4). System simulation and control systems.

3. Second year laboratory (room 107 — first floor, building 4). Second year experiments including a phasor display, lissajou figure, G-H loop and electromagnetic induction.

4. Microwave laboratory (room 215 — second floor, building 4). Microwave security device, microwave communication and examples of microwave propagation.

5. Electronics and communications laboratory (room 215, second floor, building 4). Digital integrated circuits, illustrations of the manufacturing stages of integrated circuits and modulation/demodulation equipment. Phasor display.

6. High voltage laboratory (ground floor, building 6) High voltage display.

7. Student advisory desk (room G01, ground floor, building 4).

ENGINEERING — MATERIALS (G9) (30) (31)

Continuous displays and demonstrations illustrating the role of materials in engineering, plus teaching and research activities. Scanning electron microscope with facilities for instantaneous chemical analysis of small areas of specimen in operation.

ENGINEERING — MECHANICAL (G8) (31)

Continuous displays. All laboratory areas open, including wind tunnel, anechoic chamber. Coffee served all day.

ENGLISH (L8) (10)

Continuous displays in showcases, seventh floor, Humanities. Poetry reading with Dorothy Hewett, writer in residence, 3.30-4 p.m., in room R3, Rotunda.

FENCING CLUB (J8) (9)

Fencing displays with spears, foils and sabres, and demonstration sword and dagger by club members in Elizabethan costume, North-west court of Union at 11 a.m. and 3 p.m.

FRENCH (K8) (10)

Third floor, Humanities. Continuous display of new language laboratories, Lab. 7. Films on Brittany and other French provinces, 10 a.m.-12 noon, Lab. 6. Slides and presentation on Brittany followed by discussion, Lab. 7, at 11 a.m. and 3 p.m.

Testing of crepes and pastries, ground floor, Humanities.

GENERAL INFORMATION

INFORMATION: The main information centre is at the reception desk, ground floor, Union (K8). Information posts may also be found near each of the three entrances to the University grounds, and at the bus terminal. Student guides will be on hand at various points around the campus to answer questions. Lost children should be taken to the information centre. The centre will provide programs of Open Day events organised after the publication of the Monash Reporter.

UNION FACILITIES open on the day will include the shop (sweets, tobacco, souvenirs), pharmacy (10 a.m.-2 p.m.) and canteen (10 a.m.-5 p.m.).

CONVENIENCES are mainly in the Union (both floors) and the Humanities Building (basement).

PUBLIC TELEPHONES are mainly located in the Union (ground floor, eastern end) and the Humanities Building (basement).

LOST PROPERTY CENTRE is the Union reception desk. Inquiries after Open Day may be made by phoning 541 0811, ext. 3341.

FIRST AID is available by ringing emergency extension 3333. The emergency vehicle will be manned by St. John Ambulance volunteers. First aid will also be available at the Sports Centre (1) in the afternoon.

CAREERS AND COURSES INFORMATION: Careers and general information will be available at the Careers and Appointments office, first floor, eastern end of the Union building. Further information may be obtained from the secretaries of the various faculties, who will be located in the Banquet Room on the first floor of the Union.

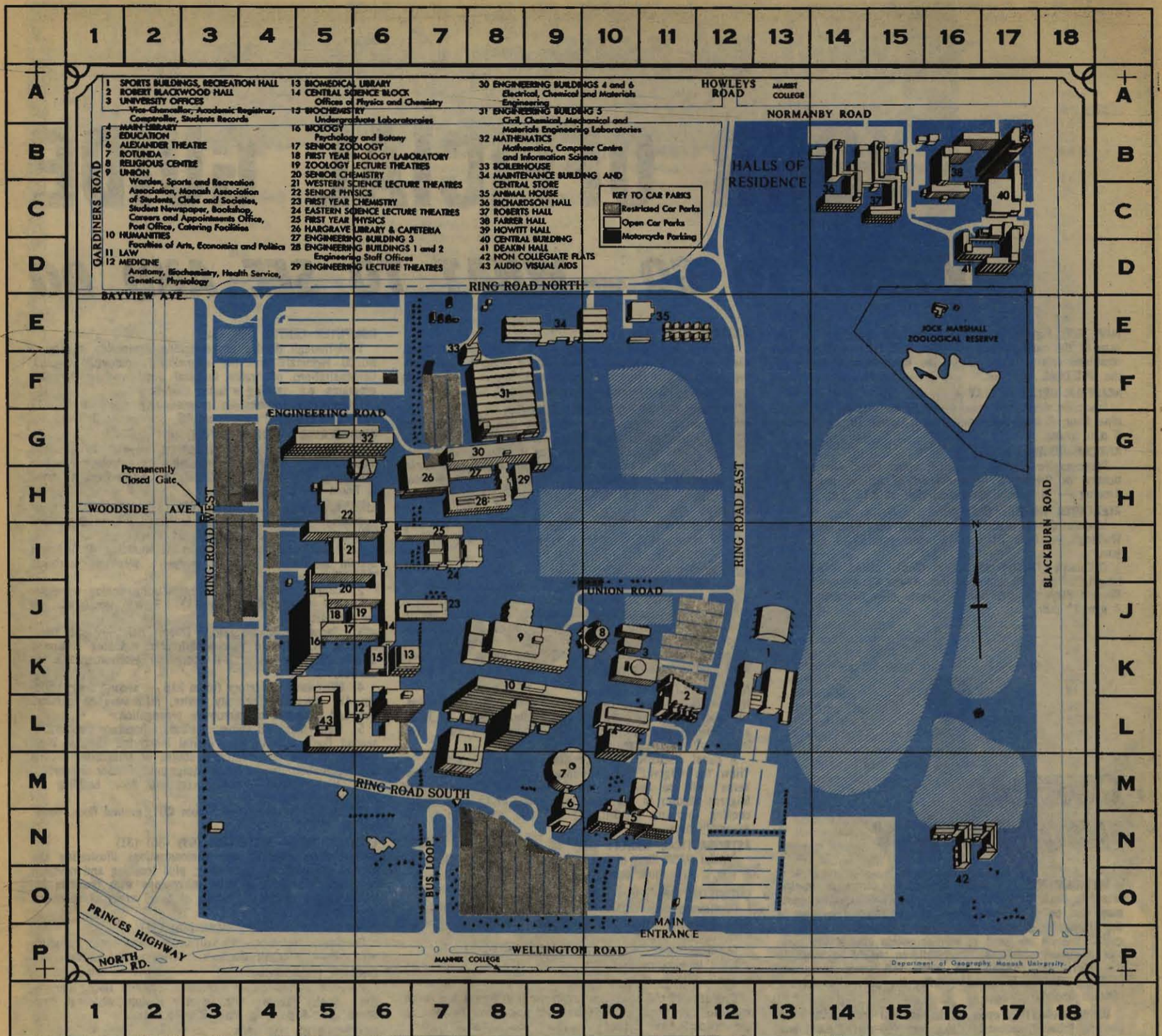
CATERING: The main dining room in the Union, with facilities in the espresso bar, will be open from 11.30 a.m. to 2.30 p.m. The Grill Room will be open from 10.30 a.m. until 5 p.m., and the "Little Caf." from 9.30 a.m.-5 p.m.

BUS TOURS of the university grounds will be conducted half hourly between 10.30 a.m. and 4.30 p.m. The buses, supplied by Grenda's, Ventura, and Sinclair's bus lines, will leave from the loop near the Alexander Theatre and make regular calls at the Halls of Residence. A student guide will point out the features of the university.

MOD

MONASH '75

OPEN DAY



In the text, the bold letters and numeral combined refer to the grid. The light numeral refers to the building number.

FILM GROUP (K8) (9)

Poster exhibition. Eight millimetre films in conference room, Union, from 10 a.m.-5 p.m.

GEOGRAPHY (L8) (10)

All day displays in second floor corridors of South Wing. Humanities. Maps in S209. Climate recording equipment in S218 (Geog. Lab. 4). Illustrated lectures, "Glaciers in New Zealand," 11 a.m., and "Air Views of Melbourne," 3 p.m. Both second floor, room S209. Videotape of Carstanz Expedition, 2 p.m.-3 p.m., in Music Auditorium, eighth floor.

GREEK CLUB

Behind Union, near sandpit. Barbecue lunch. Souvlakia will be dished up to the sounds of Greek music and dancing. Interpreters provided. Starts at 12.30.

GERMAN (L8) (10)

Continuous display featuring contemporary literary, linguistic, and general cultural aspects of the major German-speaking countries. German seminar room, room 310, third floor, Humanities, 1 p.m.-4 p.m. Films in German and English languages, Lab 6, south wing.

HALLS OF RESIDENCE (D14 to A18)

Farrer Hall (38), Howitt Hall (39) and Roberts Hall (37): Student rooms on display. Guides available. Farrer Hall: Barbecue lunch and Asian foods from 12.30 p.m. The Halls revue, cancelled earlier this year, will be performed as street theatre during lunchtime. Howitt and Roberts Hall will serve afternoon tea at 3 p.m. Free buses leave the loop near Alexander Theatre for the Halls each half hour from 10.30 a.m.

HISTORY

Films in Rotunda theatre 5. "The Sentimental Bloke," from 1-2.15 p.m., and "Spanish Civil War" from 3.30-5 p.m.

INDONESIAN AND MALAY (L8) (10)

Continuous displays. Indonesian music, slides on Indonesia. Books arts and crafts, and food. Indonesian lunch at 2 p.m., room S506.

ISLAMIC SOCIETY

Film in Rotunda theatre R7, 2.30 p.m., on "The Pilgrimage to Mecca"

LIBRARIES (L10, H7, K7)

The Monash University Library is a system of libraries with major branches in various parts of the campus convenient to the people who use them. The main library (4 on map key) serves the faculties of Art, Economics and Politics, and Education. The Bio-Medical Library (13) is in the Faculty of Medicine and the Hargrave Library (26) serves Science and Engineering. All libraries will be open. In addition, the Hargrave Library will present a display of topographical and geological maps and aerial photographs showing in detail the Dandenongs area. In the Mair Library (1st floor, Rare Book Room), an extensive exhibition of the Monash Collection of more than 500 books reflects research carried out at Monash over the years. There is also an exhibit of the Teimscott Chaucer — two facsimiles presented by "Friends of the Monash Library."

LINGUISTICS (L8) (10)

Humanities building, fourth floor, south wing. Phonetics equipment display. Visitors will be able to make a sonagram, or voice-print, of their voices. Also exhibition of maps, recordings and books on Aboriginal languages.

MATHEMATICS (G5) (32)

Demonstration of Foucault pendulum in the hall leading to the engineering workshops. Mini-talks on numbers half-hourly from 10.30 a.m.-12.30 p.m., including Stonehenge and geometry, in S2. Films in S2 half-hourly from 2 p.m.-4 p.m.

MIGRANT STUDIES (L8) (10)

Displays of research and coursework in migrant studies in various areas of the university will be shown in the Assembly area, ground floor, south wing, Humanities. Panel discussion, noon-12.45 p.m. on "How the Migrant has Influenced Australia — and Vice-Versa".

MODERN DANCE (N9) (6)

Concert performance of "These Feet Were Made for Walking," Alexander Theatre, 11 a.m.-12 noon, and 12.30-1.30 p.m.

MONASH PLAYERS

Street theatre, upper foyer, Union, 12 noon-2.15 p.m. "Death of a Salesman," Alexander Theatre, 8-11 p.m.

MUMSU (MALAYSIAN STUDENTS' UNION)

Dancing exhibition, Union cellar room, 11-12 a.m.; films on Malaysia in Rotunda theatre R5 at 12 noon; satay and coffee served on lawn north of Union at 2 p.m.; sepak takraw (Malaysian ball game) demonstration on badminton courts in Recreation Hall at 4 p.m.

MUSIC

All day display concerning music notation through the ages, in Music library, eighth floor south, Humanities. Ethnic musical instruments on display in eighth floor corridors. 10 a.m.-11 a.m.: Performance by Gamelan (Indonesian orchestra); 11 a.m.-12 noon: Videotape of "Kathakali Dance Techniques" (Indian music); 12 noon-1 p.m.: Videotape of "The Ramayana in Java" (Indon. music). All shown in the auditorium, eighth floor, south wing, Humanities.

PART-TIMERS' ASSOCIATION (K8) (9)

Information and displays, upper foyer, Union.

PATHOLOGY AND IMMUNOLOGY (L8) (12)

All day. Fluorescence microscopy. Demonstration 35 mm teaching machine. Immunology. Photographic display includes histology, forensic pathology, tumor immunology and diagnostic renal pathology.

★ Summary of day-long events ★

TIME	DURATION	DEPARTMENT	ACTIVITY	AREA	GRID REFERENCE
10 a.m.	All day	Faculty secretaries	Course information	Banquet Room, Union	K8
	All day	Careers and Appointments	Information	Union first floor, East and	K8
	All day	Radio Station 3MU	News and information	Union basement	K8
	All day	Anatomy	Museum displays	Medicine, ground floor	L6
	All day	Anthropology and Sociology	Films, Museum of Aboriginal art	Humanities, 10th floor	L8
	All day	Arts Faculty	Answers to questions	Humanities, ground floor assembly area	L8
	All day	Astronomical Society	Information and films	Lecture Theatre E3	H8
	All day	Visual Arts	Display	Humanities, 7th floor, south wing	L8
	All day	Chemistry	Lecture demonstrations	Lecture theatre S4, S6	I5
	All day	Clubs and Societies	Display	Upper Foyer, Union	K8
	All day	Computer Centre	Displays	Mathematics	G5
	All day	Engineering:			
		Chemical	Displays	Eng. Bldg. 5	F8
		Electrical	Displays	Eng. Bldg. 4	G8
		Materials	Displays	Eng. Bldg. 3	H8
		Mechanical	Displays	Eng. Bldg. 5	F8
	All day	English	Displays	Humanities, 7th floor	L8
	All day	French	Displays	Humanities, 3rd floor	L8
	All day	Film group	Poster Display, Films	Conference Room, Union	K8
	All day	Geography	Displays	Humanities, 2nd floor, south wing	L8
	All day	German	Displays	Humanities, Room 310	L8
	All day	Halls of Residence	Tours		
	All day	Indonesian and Malay	Displays	Humanities, Room S506	L8
	All day	Libraries	Displays	Libraries	
	All day	Linguistics	Displays, equipment	Humanities, 4th floor, south wing	L8
	All day	Mathematics	Demonstration	Mathematics building	G5
	All day	Migrant Studies	Displays	Humanities, ground floor assembly area, south wing	L8
	All day	Music	Displays	Humanities, 8th floor, south wing	L8
	All day	Part-timers' Association	Information and displays	Union, Upper Foyer	K8
	All day	Pathology and Immunology	Display, demonstration	Medicine, Anatomy dissection room	L6
	All day	Physiology	Working exhibits	Medicine, east ground floor	L6
	All day	Railway Club	Mini-railway	Behind Religious Centre	
	All day	Russian	Displays	Humanities, 4th floor, room 403	L6
	All day	Seventh Day Adventists	Information and displays	Union, Upper foyer	K8
	All day	Social and Preventive Medicine	Poster display	Union, collar room	K8
	All day	Wargames	Wargames played	Union, Meeting Room 4	K8
	All day	African-Australian	Photograph display	Union, Upper foyer	K8
	All day	Transcendental Meditation	Displays	Union, Upper foyer	K8
	All day	Physics	Displays	Physics, 1st year	I6
	All day	Religious Centre	Madrigals	Religious Centre	J10
	All day	Community Research Action Centre	Information and displays	C.R.A.C. Office, 1st floor, Union	K8
	All day	Women's Liberation	Information and Bookstore	C.R.A.C. Office, 1st floor, Union	K8
	All day	Bazaar	Arts and crafts, etc on sale	Near the Union	K8
	All day	Gay Liberation	Information	Union, Upper foyer	K8
	All day	Pottery Club	Demonstrations	Union, ground floor	K8
	All day	Spinning and Weaving	Demonstrations	Union, ground floor	K8
	All day	Islamic Club	Displays	Union, upper foyer	K8
	All day	Classical Studies	Displays	Humanities, room 625, south wing	L8
	All day	Sporting Car Club	Road safety displays	Recreation Hall	J13

For guide to fixed-time events, turn to next page

PHYSICS (I7) (25)

All exhibits will be located in first year Physics building, ground floor.

First year teaching, Lab. 1: Laser experiments, torsional apparatus, optical experiments, stroboscopes.

Second & third year teaching, Lab. 2: Scintillation counters, cosmic ray telescope, lasers, plasma tube, kundtuz tube, astronomy.

Materials science, Lab. 5: Growth of lead from a gel, hot stage microscope and solidification, zone refining, grain growth, reversible process.

Electronics Labs. 4 & 5: Electronic spiograph, electronic lock, computer logic blocks, electronic maze, analog to digital and digital to analog converters, response, tester, electronic dice, electronic animal.

Lecture Theatre equipment, Labs. 4 & 5: "Do-it-yourself" projects color blindness, stereo vision, color mixing optimum illumination, polarised light, Tolansky fringes, Fourier synthesis, frequency limit of audibility, noise clipping, integrated circuits and transistors, do-it-yourself CRO experiments, low temperature demonstration. Free tea, 2-4 p.m., Lab 30.

PHYSIOLOGY (K5) (12)

A continuous display of working exhibits will be held in the multi-discipline laboratory, eastern side. Tours to electron microscope leave each hour from 10 a.m.

RADIO 3MU

The student campus radio station will operate all day with music, news, and up to the minute coverage of all Open Day events. Programs will be broadcast from the main studio (basement, northern extension of the Union) and the Newsroom (first floor, Union) A videotape on broadcasting will be shown in Music Room 7, next to main studio.

RAILWAY CLUB

A working model steam train, giving children free rides, will operate from 10 a.m. - 5 p.m. behind Religious Centre.

RELIGIOUS CENTRE (J10) (8)

Open all day playing continuous tape recordings of madrigals.

RUSSIAN (L8) (10)

Exhibition and display in Russian seminar room 403, fourth floor, Humanities building. Includes Russian art and craft, books, posters, and literature. Classical and modern Russian music will be played in the Russian music room. Also program of films and slides from 2 p.m. in language laboratory 4, south wing. Russian tea from a samovar will be served between 10 a.m.-12 noon and 2-4 p.m. A special art exhibition called "Russian Symbolist Art" will also be held on the fourth floor.

SEVENTH DAY ADVENTISTS (MONUDASS) (K8) (9)

Continuous displays in upper foyer, Union building. Films: "Leave it To The Chimney" (Anti-Cancer Council) at 12 noon; "The Crutch for all Seasons", unveiling the false dependencies that people today lean on in the game of life, at 2 p.m. Both in Rotunda theatre 4.

SOCIAL AND PREVENTIVE MEDICINE (K8) (9)

Union, East section of Cellar Room (near State Savings Bank): Continuous poster display: "You be the Judge".

SPANISH (M9) (7)

Films on Spain and Latin America, screened at 11 a.m.-12 noon, 1-2 p.m., 3-4 p.m. in the Rotunda theatre 4.

SPANISH CLUB

The Spanish section of the French-Spanish Club will be serving Spanish food and drinks in the clubroom, room 213A, Humanities building, from 12 noon onwards.

SPORTING ACTIVITIES

The normal fixture programs on fields within the university. Also Water Ski Club demonstration in Recreation Hall (1-3 p.m.), Aikido demonstration in gymnasium (1-2 p.m.), volleyball game in recreation hall (2-3 p.m.), judo demonstration in gymnasium (2-3 p.m.), Tee Kwon Do demon-

stration in gymnasium (3-4 p.m.) and hang-gliding at bank on pavilion terrace (3-4 p.m.).

SPORTING CAR CLUB (J13) (1)

Road safety display in south end of Recreation Hall, in co-operation with Waverley Jaycees. Driving simulators, resuscitation exercises by St. John Ambulance Brigade members, and distribution of road safety posters and leaflets. In the closed-off carpark between the Recreation Hall and the Sports Centre, motorists can get a free road-worthiness check on their vehicle and try a police breathalyser test. Sporting Car Club members will demonstrate safety equipment on their rally and road cars.

TRANSCENDENTAL MEDITATION

All-day display in Union, upper foyer. Videotape screenings entitled "Science of Creative Intelligence - Fulfillment of Education" in Rotunda Theatre 2 at 11 a.m., 2 p.m. and 3.30 p.m.

UNION THEATRE (K8)

Films suitable for children of any age, from 11-4 p.m. Children may arrive or leave at any time during screenings.

VISUAL ARTS (L8) (10)

All-day displays of graphic and photographic material in the gallery and studio, seventh floor, south wing, Humanities building. The display is called "The Rise of Modern Architecture".

WARGAMES (K8) (9)

Playing of war games in meeting room, Union, from 10 a.m. - 5 p.m.

WOMEN'S LIBERATION

Book-store near C.R.A.C. office (first floor, Union) open all day, information available at C.R.A.C. office. Women's performing group will present street theatre at various times around the university.

★ Events — hour by hour ★

TIME	DURATION	DEPARTMENT	ACTIVITY	AREA	GRID REFERENCE	
10.00 a.m.	2 hrs	Anthropology & Sociology	Film: "Angotee" (Eskimo life).	Humanities lecture Theatre H1	L8	
	2 hrs	Computer Centre	Introductory lectures	Science North, Room 69	G5	
	2 hrs	French	Film about Brittany and other French provinces	Humanities, 3rd floor, south wing	L8	
	1 hr.	Music	Gamelan (Indonesian orchestra) performance	Humanities, Music auditorium, 8th floor, south wing	L8	
10.30 a.m.	2 hrs. 5 hrs.	Physiology	Tour to electron microscope	Leaves multi-discipline lab. each hour on the hour	K5	
		Russian	Samovar tea served	Humanities, 4th floor	L8	
	Arts	Academic dress display	Robert Blackwood Hall	K11		
11.00 a.m.	5½ hrs.	Astronautical Society	Lecture on "The Monash B.A." by the Dean, Prof. G. R. Manton	Humanities, Music auditorium, 8th floor, south wing	L8	
	½ hr.	Mathematics	N.A.S.A. films	Lecture Theatre E3	H8	
	½ hr.	French	Mini-talks each half hour	Lecture theatre S2	G5	
	1 hr.	Malaysian students	Slides and talks about Brittany	Humanities, 3rd floor, Lab. 7	L8	
	½ hr.	Classical Studies	Malay dancing exhibition	Cellar room, Union	K8	
	1 hr.	Geography	"Monuments of Ancient Greece" — talk with slides	Humanities, room 625, south wing	L8	
	1 hr.	Modern Dance	Illustrated lecture: "Glaciers in New Zealand"	Humanities, 2nd floor, south wing	L8	
11.30 a.m.	1 hr.	Music	Performance of "These Feet were made for Walking"	Alexander Theatre	M9	
	1 hr.	Spanish	Videotape: "Kathakali Dance Techniques" (Indian Music)	Humanities, music auditorium, 8th floor, south wing	L8	
	1 hr.	Transcendental Meditation	Films	Rotunda Theatre 4	M9	
	1 hr.	Classical Studies	Videotape: "Science of Creative Intelligence — Fulfillment of Education"	Rotunda Theatre 2	M9	
12 noon	1 hr.	Classical Studies	"Daily Life in Ancient Rome"	Humanities, room 625, south wing	L8	
	1 hr.	Sewouth Day Adventists	Film: "Leave It To The Chimney"	Rotunda Theatre 4	M9	
12.30 p.m.	4 hrs.	Union	Children's films	Union Theatre	K8	
	½ hr.	Migrant Studies	Interfaculty panel discussion and question and answer session: "How the Migrant Has Influenced Australia—and Vice Versa"	Humanities, ground floor assembly area, south wing	L8	
	5 hrs.	Chemical Engineering	Films	Engineering Building 5, room G17	F8	
	2½ hrs.	French	Films about Brittany and French provinces	Humanities, 3rd floor	L8	
	1 hr.	Monash Players	Street Theatre	Union, upper foyer	K8	
1.00 p.m.	1 hr.	Music	Videotape: "The Ramayana in Java" (Indonesian music)	Humanities, 8th floor music auditorium, south wing	L8	
	1 hr.	Chemistry	Magic Show	Lecture Theatre S6	I5	
	1 hr.	Greek Club	Bar-b-q. Cooking of Souvlakia, music, dancing	Behind Union, near sandpit	J9	
1.30 p.m.	2 hrs.	Farrer Hall	Bar-b-q lunch. The Halls Revue as street theatre	Farrer Hall	B16	
	1 hr.	Modern Dance	Concert	Alexander Theatre	J10	
	2 hrs.	French	Cooking, tasting, pastries and crepes	Humanities, south wing, ground floor	L8	
	1½ hrs.	History	Film: "The Sentimental Bloke"	Rotunda theatre 5	M9	
2.00 p.m.	3 hrs.	German	Films	Humanities, 3rd floor, south wing, Language Lab. 6	L8	
	1 hr.	Aibido Club	Demonstration	Gymnasium	K13	
	1 hr.	Spanish	Films	Rotunda theatre 4	M9	
	2 hrs.	Water Ski Club	Demonstration	Gymnasium	K13	
	1 hr.	Transcendental Meditation	Videotape: "Science of Creative Intelligence — Fulfillment of Education"	Rotunda theatre 2	M9	
	1½ hrs.	Indonesian and Malay students	Indonesian lunch	Humanities, room S506, south wing	L8	
	1½ hrs.	Islamic Club	Film: "Pilgrimage to Mecca"	Rotunda theatre 7	M9	
	1 hr.	Malaysian students	Satay and coffee	North of Union	J9	
	1 hr.	Seventh Day Adventists	Film: "The Crutch For All Seasons"	Rotunda theatre 4	M9	
	2 hrs.	Computer Centre	Introductory lectures on programming	Science north, room 69	G5	
2.30 p.m.	1 hr.	Geography	Videotape: "Carstenz Expedition"	Humanities, 8th floor, music auditorium, south wing	L8	
	1 hr.	Volleyball	Game	Recreation Hall	K13	
	1 hr.	Indonesian and Malay students	Indonesian lunch	Humanities, south wing, room S506	L8	
	1 hr.	Judo Club	Demonstration	Gymnasium	K13	
	½ hr.	Mathematics	Films	Lecture Theatre S2	G5	
	2 hrs.	Russian	Samovar tea, films, slides	Humanities, 4th floor, room 403; Language Lab. 4, south wing	L8	
	1 hr.	Archery	Novelty Shoots, Demonstrations	Grounds, North of Union	L8	
	2 hrs.	Alexander Theatre Company	Children's Theatre: "Fun With Singing"	Alexander Theatre	J10	
	2.45 p.m.	½ hr.	Saturday Club	"Monuments of Ancient Greece"	Humanities, room 625, south wing	L8
		½ hr.	Classical Studies	Talk by the Dean, Prof. G. R. Manton, on "The Monash B.A."	Humanities, assembly area, ground floor, south wing	L8
	3.00 p.m.	1 hr.	Arts		Gymnasium	K13
		1 hr.	Tae Kwon Do Club	Demonstration	Lecture theatre S6	I5
1 hr.		Chemistry	Magic show	Humanities, 3rd floor, Lab. 7	L8	
1 hr.		French	Slides and discussion on Brittany and other French Provinces	Humanities, south wing, 2nd floor, Room S209	L8	
3.30 p.m.	1 hr.	Geography	Illustrated lecture: "Air views of Melbourne"	Howitt Hall and Roberts Hall	B17	
	1 hr.	Halls of Residence	Afternoon tea	Rotunda theatre 4	M9	
	1 hr.	Spanish	Films	Pavilion terrace	M9	
	1 hr.	Parachute Club	Hang-gliding	Rotunda theatre 2	M9	
	1 hr.	Transcendental Meditation	Videotape: "Science of Creative Intelligence — Fulfillment of Education"			
3.45 p.m.	½ hr.	Classical Studies	"Daily Life in Ancient Rome"	Humanities, room 625, south wing	L8	
	½ hr.	English	Poetry reading with Dorothy Hewett	Rotunda Theatre 3	M9	
	1½ hr.	History	Film: "Spanish Civil War"	Rotunda theatre 5	M9	

Food for the footsore famished

Feeling footsore and weary and in need of a snack and a cup of coffee after wending your way through MOD's many activities?

Then try the catering facilities available in the Union.

• Coffee, tea, cakes, doughnuts, milkshakes, and gelati ice cream are on sale in the ground floor coffee lounge, near the entrance to the Union building.

This area will be open from 9 a.m. to 5 p.m.

• The grill room, also on the ground floor at the north end of the Union, offers more substantial snacks. These include sandwiches and filled rolls, toasted sandwiches, hot dogs, pies, pasties and sausage rolls.

Also available are milkshakes, fruit juices, tea and coffee, including espresso.

The grill room service will operate from 10.30 a.m. to 5 p.m.

• The hamburger bar, also on

the ground floor, opposite the pharmacy, will be open from 11 a.m. to 5 p.m., serving hamburgers, chicken and chips, hot dogs, and take-away soup.

• A full luncheon service will be provided in the main dining room, on the first floor of the Union.

A variety of hot and cold meals will be served between 11.30 a.m. and 2.30 p.m. Also open will be the espresso bar, serving espresso

coffee and chocolate, cold drinks, and cakes.

ROBERT BLACKWOOD HALL DEADLINE

Open Day visitors wishing to see the interior of Robert Blackwood Hall should arrange to do so before 4 p.m.

From that time the Hall will be closed for a private function.

DEAKIN VICE-CHANCELLOR:

BRIDGING THE GAP BETWEEN SCIENTIST AND LAYMAN

Traditional science education is failing to help its undergraduates cultivate the basic skills of literacy, the new Vice-Chancellor of Deakin University, Professor F. R. Jevons, told a Monash audience recently.

"I'm not suggesting, of course, that scientists and technologists are illiterate," he said. "Some are very literate indeed.

"But if they are literate, then it's more dispute than because of anything they've received in their science education."

He said there was a need to train people with the basic skills of literacy and numeracy to "bridge the gaps" between specialist and layman.

Professor Jevons, speaking at a seminar organised by the Monash Centre for Continuing Education, described the origin and development of the department of Liberal Studies in Science at Manchester University.

He has been chairman of the department since it was formed in 1966.

The course was a bridge-building one, he said.

"The basic purpose was to provide a broader, science-based education to facilitate the movement of people with a scientific background into careers such as management and administration," he explained.

"Now that formulation of the aims is perhaps a characteristically 1960s one, because in the 1960s people's faith in science was a good deal higher and warmer than it is now," he went on.

"People have got a bit disillusioned with science. It's now much less widely agreed that what society really needs is more scientists in positions of managerial or administrative authority . . . running the show generally.

Social use

"Nevertheless I see no reason to change the basic formulation very much. Science and technology are still valuable resources.

"They can help achieve a wide variety of social objectives."

Public disillusion with science possibly made it more relevant that a more careful look should be taken at the ways in which science is used in society, said Professor Jevons.

"I think that what's really needed is that we should avoid a sharp separation between the specialist and the layman," he said.

"What we need, I think, are networks of overlapping expertise . . . people knowing a bit about each other's fields . . . people who can bridge the gaps."

He went on: "I don't see any other way in which genuine pluralism in society can survive . . . in which general needs can make themselves felt and experts remain socially accountable."

"Now this business of bridging gaps I would interpret not so much in terms of knowledge as of basic skills. And the basic skills I would define very simply in terms of literacy and numeracy.

"I know that to anyone versed in the literature of education this is a very rudimentary taxonomy of educational objectives," he added. "Nevertheless I think it's still a basically valuable one."

"Literacy means essentially the skill to read extensively. Not the intensive study of a few textbooks, which is typically what the science undergraduate does, but extensive reading — the ability to marshal facts and develop arguments in essays, seminars and so on."

New trends

Professor Jevons had a word of warning about what he termed "the new orthodoxy" in universities — the merging of traditional disciplines.

He said that when the Liberal Studies in Science course started at Manchester it was intended that physicists and chemists should work together to give a physical science course. The experiment failed and students taking the course now chose between a chemistry or physics stream.

"You may have heard of the trendy university in which it was decreed that all disciplines should henceforth be interdisciplines," he said. "Well in our time we were considered to be in the vanguard of the interdisciplinary movement.

"But more mature reflections suggest to me that it can be overdone. I no longer believe that the established disciplines should be abolished."

Professor Jevons said the real enthusiasts of interdisciplinarity saw established disciplines as "ossified structures", standing in the way of progress, which should be abolished to make way for a fresh start.

"I don't believe that any longer, if I ever did," he said. "What I think now is that the established disciplines should be redeployed rather than replaced."

He said it would be "lunacy" to throw out the established disciplines.

"They are valuable, tested modes of approach. They are among the most successful intellectual traditions that mankind has ever developed.

"So let's hang on to them by all means. Let's just redeploy them on to different problems."

All in a salad

The new Deakin Vice-Chancellor said what was needed was "quite substantial chunks" of those existing disciplines.

"Physics and chemistry are not the kinds of intellectual materials which lend themselves to infinite subdivision," he added.

"I like to compare a curriculum with a salad," he explained. "Salads are popular because they're good, varied mixtures. But one likes to find recognisable chunks of lettuce and tomato in them.

"One doesn't really expect to find a puree, where the whole thing has been mashed up.

"Homogenised pastes are baby foods. And that applies in education, too.

"The fully integrated day may be a good idea in primary schools but not at undergraduate level. Undergraduates have more sophisticated palates and I think they like to see recognisable chunks . . ."

"Tragedy" to discard campus hospital: V-C

The on-campus hospital has been an essential component of the Monash plans from the beginning of the University, the Vice-Chancellor, Dr J. A. L. Matheson, said recently.

"I regard it as a tragedy that this imaginative idea now seems to have been discarded," he said.

Dr Matheson was speaking at a meeting of Monash Medical Mothers, whose children are studying medicine at the University.

He told them he was disappointed, disillusioned and frustrated by the drawn-out political wrangle over the hospital plans.

It was 16 years since the State Government had accepted the Lindell Commission report, which recommended the building of a teaching hospital on the campus. Since that time, nothing had happened and it now seemed — "for some inexplicable reason" — that the scheme might not go ahead.

It was some eight years since Professor Hugh Dudley, foundation professor of surgery, had released the functional brief for the hospital.

"Where are those plans now? — in operation at Flinders University in South Australia," said Dr Matheson.

About 16 acres had been set aside at Monash for the hospital, and this land was still available.

Dr Matheson said that the funds spent to establish the clinical schools at Alfred, Prince Henry's and Queen Victoria Hospitals had not been wasted. These hospital affiliations were essential to provide teaching facilities for which the campus hospital could never have been large enough.

It has always been envisaged that the Monash Medical School would comprise teaching units at Alfred, Prince Henry's and the Queen Victoria, in addition to the central organisation on the campus.

The proposed move of Queen Victoria to Clayton would simply replace the present hospital there by a modern one. The problem of adequate teaching beds would still remain.

Dr Matheson reiterated that the idea of a hospital on campus was a new and refreshing concept for Victoria. Not only would it provide a 600-700 bed facility for the community in Melbourne's south-eastern suburbs, but it would establish a means for co-operation between Medicine and other University faculties.

This intellectual connection between hospital and university was what Monash planners had seen as one of the great advantages of an on-campus hospital.

Dr Matheson reminded his audience that, until 1973, the Monash Hospital was established State Government policy, endorsed by successive Ministers of Health and by the Premier himself in an election speech.

It was only under the present Minister of Health, Mr A. H. Scanlan, that the plan had been discarded.

NEWS FROM OTHER UNIS

• Co-operation

The University of New England and the Armidale College of Advanced Education are beginning a program of co-operation and rationalisation of resources.

The two institutions are going to combine library processing functions and have begun a trial period for twelve months of reciprocal borrowing rights for students of both.

The teacher education programs at both institutions are to be restructured to remove duplication.

Future teaching courses at the Armidale College will concentrate on primary and infant teaching, providing a three-year Bachelor of Education degree program and a postgraduate diploma in primary education.

The University will concentrate on secondary and tertiary education programs.

• Material Culture

The James Cook University, in Townsville, has established a foundation chair in Material Culture.

A Canadian anthropologist, Dr. Barrie Reynolds, currently chief ethnologist of the National Museum on Man in Ottawa, Canada, will take up the chair in September.

The chair has been established within the recently formed Department of Behavioural Sciences at James Cook, with the aid of a grant from the

Australian Institute of Aboriginal Studies.

Professor Reynolds is expected to establish undergraduate and postgraduate courses intended to develop towards specialist studies of the Australian Aboriginal culture generally, and the material culture of the Queensland Aboriginal in its historical and cultural aspects.

• Appointment

The University of New England has appointed Professor P. K. Elkin to the position of Pro-Vice-Chancellor replacing Professor G. J. Butland who retires at the end of 1975.

Professor Elkin has been Professor of English at the University since 1973.

Monash Dinner

The Monash Halls of Residence Association has organised a wine and cheese extravaganza for their reunion dinner which is now planned for Saturday, August 18.

The dinner was previously scheduled for May, but was postponed due to the industrial unions' strike.

Tickets, at \$8.50 per person, can be obtained from the association secretary, Russell Monson, 12 Charles St., Drouin. For inquiries, contact the association's treasurer, Russell Sage, on 543 2451 or Flat 4, 1 Howard Court, Clayton.

The dinner will be held in the North East Halls, starting at 7 p.m.

Who's the bloody plagiarist?

Sir,

Ron Baker (Letters, Reporter, July 3) really must not take things so bloody seriously, especially when dealing with the kind of 'folk poetry' exemplified in 'Bloody Monash' (Reporter, June 4). Charges of 'a serious and blatant piece of plagiarism' would, I suspect, be very difficult to uphold.

According to my copy of the 13-volume New English Dictionary, 'Plagiarism' is defined as 'the wrongful appropriation or purloining, and publication as one's own, of the ideas, or the expression of the ideas (literary, artistic, musical, mechanical, etc.) of another'. The term usually carries, I think, implications of deliberate deceit, and possibly of profit at another's expense.

This, I suggest, was so far from the mind of Bob Hammond, and from the editors of Monash Reporter, all of whom were dealing with a particular situation in a very light-hearted fashion, as to make the charge ludicrous.

I have not had time to carry out much research into this problem — perhaps Ron Baker would join me in writing a paper on it? — but I would like to draw his attention to Robust, Ribald and Rude Verse in Australia, published by the Lansdowne Press, Melbourne, in 1972, in which, on p. 94, appears an almost identical version of the poem, entitled 'Bloody Bloody Darwin' by our old friend in English Literature 'Anon'. The editors suggest that the poem, 'with its heavy-handed use of the Great Australian Adjective, was probably written by an Australian soldier serving in Darwin, and that 'it had widespread popularity during World War II'.

It may be that the Faber claim for Captain Hamish Blair writing about the Orkneys during the same war is

a stronger one — but I would need to be convinced by more evidence than I have at the moment.

If, in the Lansdowne Press volume, we turn to p. 105, we find a poem by W. T. Goodge (1862-1909), entitled 'The Great Australian Adjective', many variants of which, the editors tell us, have been recorded. One verse (the first) will perhaps help to illustrate my point that we must be careful in these matters:

A sunburnt bloody stockman stood,
And in a dismal bloody mood,
Apostrophised his bloody cuddy:
'This bloody moke's no bloody good,
He doesn't earn his bloody food!
Bloody! Bloody! Bloody!'

Significantly (perhaps?) the last line of every verse in this poem corresponds to 'Anon's' version on (perhaps?) Darwin, but not with Bob Hammond's version on Monash. And where, in this network, do we place C. J. Dennis's immortal 'The Austra-laise', with its rousing chorus of

Get a move on,
Have some sense.
Learn the art of
Self de fence.

This, I believe, was written in 1908. Dennis suggested that the poem be sung to the tune of 'Onward Christian Soldiers', and that the dashes could be replaced by 'blessed' or 'blooming' or 'any other suitable word'. We can probably guess (with proper scholarly caution) what other 'suitable word' he had in mind.

These, Sir, are deep waters. I understand from colleagues in a number of Faculties that they know of other versions, some of which had better not appear in your pages lest you face worse charges than 'plagiarism'. But in these matters let us at all costs keep a sense of bloody humour.

Arthur Brown,
Professor,
English.



Attention Parents

Sir,

A Monash/Melbourne University baby-sitting co-operative was formed last year in the East Malvern area.

It has worked well for a year now, and has saved parents in that area many dollars in baby-sitting fees, as they enjoy an evening out. Baby-sitters in such a scheme are paid, not in cash, but in time, which in turn they expend when they use the club for a baby-sitter for their own children.

There are now opportunities for other Monash parents to join the East Malvern baby-sitting co-operative.

So, if ever you have needed baby-sitters in the past, but wish now to save money (and probably have more experienced sitters looking after your children), phone the convener, Mrs. Beatrice Bastomsky on 509 4765 and ask for details of the scheme.

Saul Bastomsky,
Department of Classical Studies.

Music Skills

Sir,

Your item in the Reporter No. 41 (3 July, 1975) on the Music Department's recent Indonesian music and dance entertainment omitted what I consider an important piece of information — namely that practical instruction in Indonesian music is provided by the

Music Department's special lecturer, Mr. Poedijono, an expert Indonesian musician and dancer.

Without Poedijono's skills as a teacher and performer, the Department's production could hardly have materialised.

Although, as your article stated, the principal performers came from Bali, Java and Sumatra, the gamelan orchestra (an essential part of the production) was provided by students of the Music Department, who gave up many hours of their own time during the year to make the show possible.

Warren Drake,
Lecturer,
Dept. of Music.

The Editor welcomes letters on topics of interest to the University. The name and faculty or department of the writer should be supplied. The letters should be sent c/o Information Office.

New idea for play-goers

Serious theatre, presented at intimate theatre-restaurants, may be the next development in Australia's growing indigenous theatre.

Playwright and poet Dorothy Hewett, currently Writer-in-Residence at Monash, believes serious theatre-restaurant would stimulate interesting and experimental writing.

Miss Hewett says Australia's theatre development is hampered by the enormous costs associated with running a theatre on its own. It is financially impossible without huge Government subsidies.

Subsidised theatres had tended to be conservative and this had made it hard for inventive playwrights, and especially younger writers, to have their work accepted and performed.

The alternative to subsidised theatre would be the encouragement of entrepreneurial theatre by including theatre finance in tax deductions, Miss Hewett says.

In the absence of such government support, she sees serious theatre-restaurants, which are now developing in America, as being a proposition for Australia.

She believes Australian theatre-goers would enjoy seeing plays after a meal had been served, and with coffee and sweets served during interval.

The present music-hall theatre-restaurants were different in their approach to presentation, and did not encourage serious playwrights.

As Writer-in-Residence, Miss Hewett is spending nine weeks on campus, living in at the Halls of Residence and continuing her work in a quiet corner of the English Department.

She is at home at universities, having completed B.A. and M.A. courses at the University of Western Australia where she was also a senior tutor in the English Department for nine years.

Since late 1973, she has been working on a series of plays, a book of poems and a critical book on three Western Australian writers, with the help of a three year literature grant from the Australian Council.

While at Monash, Miss Hewett will work on adapting one of her earlier plays, the Chapel Perilous, written in 1970, for performance on BBC radio in December this year.

She hopes also to begin a new play, with a somewhat political theme, after completing her most recent play, Joan.

This has been commissioned by the Canberra repertory theatre company, Theatre 33, as a "big" theme play on Joan of Arc.

Miss Hewett says she was attracted to the idea because she had to incorporate the 48-piece brass band from Duntroon and the Canberra Light Opera Company choir.

There's a Judge in the Court

Monash law students participating in moot courts are now under the watchful eye of a practising judge who should add to the atmosphere of the "practice" court sessions.

Mr. Justice Ian Thompson, Chief Judge of Nauru, has joined Mr. W. T. Charles, special lecturer in law, in conducting the Law Faculty's program of moot courts for later year students.

In 1976, on Mr. Charles' retirement, Mr. Justice Thompson will assume full responsibility for the program.

Mr. Justice Thompson has been Chief Judge of Nauru since 1970.

The position, as sole judge for the 12-mile circumference island's population of about 7500, is only a part-time role.

For the past four years, Mr. Justice Thompson has undertaken a complete revision of Nauru's legal system, a task nearly completed.

The judge will now combine his judicial tasks, which take up about a quarter of his time, with his work at Monash.

Originally a student in classics, Mr. Justice Thompson studied law in his spare time.

After completing his first degree, he joined the British civil administration in Kenya, and was called to the English Bar in 1961.

He then transferred to the judicial service as a resident magistrate in Kenya, and has been an expatriate justice in colonies or former colonies ever since.

From Kenya he went to Fiji, in 1963, as a puisne judge, and accepted appointment as Nauru's Chief Justice in 1970.

The Nauru post allowed the Thompson family to move to Melbourne, where the Nauruan Government has a large government and business centre. Mr. Justice Thompson's two younger children attend Melbourne schools and his eldest, Molra, is a third year economics/law student at Monash.

As a magistrate or judge for most of his legal career, Mr. Justice Thompson has followed a different path from most Australian lawyers who normally have extensive practices as barristers before being appointed judges.

He says the practice in the British colonial system was such that lawyers moved into judicial posts as a career fairly soon after qualifying.

"One of the biggest tributes to British administration would seem to be the tendency of British territories to maintain British laws and keep on British judges," Mr. Justice Thompson says.

"The basis for this has been that the judges were all seen as impartial and the standards of justice were high."

He says the general agreement that it is very desirable to have a national judiciary has been balanced by beliefs that this should not result in a lowering of standards.

As a result, expatriate judges in former British colonies are still very numerous and play a very important role.

"One of the problems has been that nationals, who are lawyers, frequently go into politics, especially in very newly developing nations with a small highly educated group," Mr. Justice Thompson says.



Mr. Justice Thompson

"In that case, nearly everyone becomes involved in politics. With lawyers moving out of the strictly legal field into the very partial arena of politics, there are insufficient trained people left to build up a national judiciary quickly."

With time, and with increasing levels of education for greater numbers of the population in new countries, expatriates will no longer be needed.

Mr. Justice Thompson says an expatriate judge is in a difficult position in that he cannot play an active role in developing the laws of a new nation.

As an alien, a judge is inhibited because only a national has the instinctive knowledge of a country and its people to validly contribute to social processes, as an activist judge, such as Lord Denning in England, may do.

"Only nationals have that sort of right and only a national judiciary can play that sort of part," Mr. Justice Thompson says.

As a member of an inevitably vanishing breed, he says his own position as Nauru's only justice will one day be taken by a Nauruan.

NEW DEVELOPMENT 1: Librarianship

Future libraries may be dull, but access will be easier

Browsing through a computer's store of microfilm references could, one day, replace the familiar browsing through books on library shelves.

If you feel a little resentful at the prospect of no longer being able to sample and savour shelves of books, your feelings are shared by the new Professor in Librarianship, Miss Jean Whyte, who arrived at Monash last month.

Professor Whyte, formerly director of information, reference and research at the National Library of Australia in Canberra, says the use of computers in libraries is an important aid to facilitating user access to libraries.

Putting new research and information on microfilm instead of in journals or books can mean greater access to larger numbers of people — and it has the added advantage of being cheaper.

It also means that information available in one State of Australia could be relayed through to a reader in another State, and it would remove the perennial problem of how to lend books and ensure that they are all returned — no one could "keep" a computer tape or film.

Computer links between libraries, and micro-film transmission, will mean that rare book collections or special interest collections in individual libraries will be available to all linked libraries.

But libraries and books and pleasant minutes perusing are synonymous, and Professor Whyte doesn't enjoy the idea that they could disappear.

However, she welcomes the increasing employment of computers and

audio-visual aids in libraries because of the benefit to the user.

"I have a particular bias towards the interests of the library user," she says.

"Librarianship is all about services to users and libraries are one of the few institutions that cater for people as individuals and not as audiences," Prof. Whyte says.

"I am interested in the organisation of library materials for use, and have a special interest in the library system of the whole country — that is, how to make the total library resources of the country available to the whole of the country."

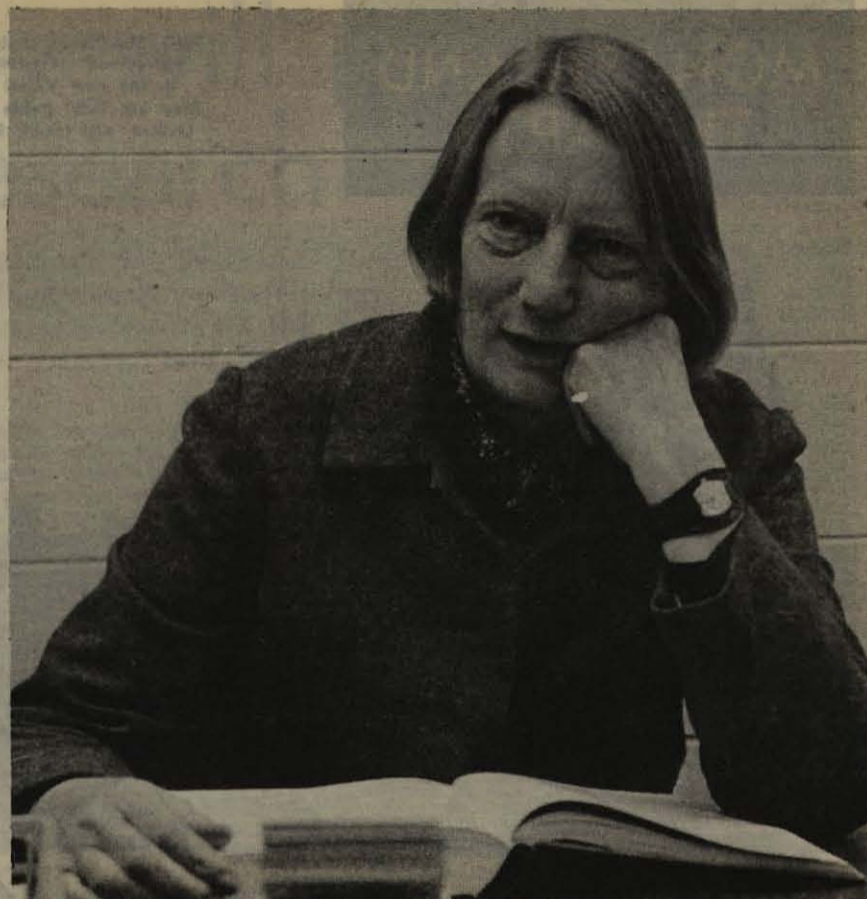
Course starts in '76

Prof. Whyte is to spend the next six months planning a one to two-year graduate course in librarianship, to be introduced in 1976.

She is currently engaged in selecting staff and says that the specialties of the department will depend to an extent on the interests of the staff.

One staff member will have a special concern with the history and physical production of books, encompassing rare book collections, book printing and the development of library collections, and another staff member is likely to have a particular interest in computer uses.

Prof. Whyte intends that the course will attract professional librarians,



● Professor Jean Whyte

Dip. Ed. Psych.

The Monash Faculty of Education next year will begin a new course leading to a Diploma in Educational Psychology.

It will be available to graduates who have the equivalent of an undergraduate major in psychology.

The course will be one year full-time or, more usually, two or three years part-time. Its content will combine both theoretical and practical work in psychology.

Students will have a choice of subjects, including cognitive development, abilities, social relations, counselling, assessment, research methods, and issues in professional practice.

The course conforms with the requirements for associate membership of the Australian Psychological Society.

Inquiries should be addressed to Dr. Mary Nixon or Professor Ronald Teft in the Faculty of Education.

NEW DEVELOPMENT 2: Community Medicine

Putting the brakes on specialist training

Final year medical students are to be involved in planning, evaluating and producing their own course work in a new program of community medicine education.



● Professor Neil Carson

Students are already working with the foundation professor of community practice at Monash, Dr. Neil Carson, in the preparation of the initial teaching program this year.

Professor Carson took up his appointment on July 1.

He sees community medicine education as a modification of the present emphasis on specialist medical training.

"The principle behind community medicine education is a reversal of the trend towards increasingly specialised medicine, so that the student gets an exposure to, and teaching in, medicine as practised in the community and not only medicine as practised in hospitals," Prof. Carson says.

The community medicine course will involve 100 teaching general practices and will take about six months to set up.

Other community care centres, which do not include doctors, will also be involved.

Final year students will be rostered to the three-week course in groups.

"What I hope to be able to do is to integrate with some of the other departments so that their teaching may include community aspects of their discipline — departments such as

psychiatry and possibly paediatrics and obstetrics," Prof. Carson says.

Prof. Carson views the course as a learning process for the students — not simply a teaching program.

Besides involving the students in the preparation and production of the course, he intends to have a part-time lecturer concentrating solely on examining and developing the learning processes in the course.

The lecturer will work with other educationalists and with the students in continually evaluating the course.

Prof. Carson also plans that research projects into new fields, concerned with the open society of the community rather than the closed society of a hospital, will be undertaken.

Some may explore health care itself, or attitudes and expectations of the public towards health care.

Some projects may be developed with other departments which might otherwise be restricted to an in-hospital research program.

Prof. Carson says staffing for the new program has not been finalised but the policy will be to appoint numerous part-time staff so that they can remain as GPs and thus maintain the community orientation in their teaching.

The combination, in the course, of both general practitioners participating in teaching and students participating in general practices, should result in more balanced graduates, says Prof. Carson.

It should also motivate more students to enter a community practice career.

Students who follow this line and undertake post-graduate training in community medicine will link up with another of Prof. Carson's fields of work.

As with specialist training, which has been based on five years post-graduate training in hospitals, there is also a postgraduate course for GPs established by the College of General Practitioners.

The course began two years ago and is funded by the Commonwealth at a cost of \$5 million per year.

Graduates spend two years in hospitals and a further three years in accredited teaching general practices in the community.

These practices are subsidised and the general approach is similar to an apprenticeship training.

Prof. Carson is Censor-in-Chief, responsible to the College for the maintenance of professional standards.

He believes the program, known as the Family Medicine program, is the first fully developed vocational training for GPs.

"The Family Medicine program currently involves 700 students throughout Australia, and probably leads the world in this field," Prof. Carson says. "There are similar programs in the United States but on a smaller scale."

Prof. Carson graduated M.B.B.S. from the University of Melbourne in 1950. He has spent 23 years in general practice in Blackburn.

MONASH AND THE ARTS

TWO BUILDINGS designed by William Butterfield (1814-1900) are compared in the new Visual Arts Exhibition. They are (left) Keble College Chapel, Oxford, and (right) St. Paul's Cathedral, Melbourne.



200 years of architecture

The Department of Visual Arts has opened its first teaching-oriented display in the Exhibitions Gallery.

It is a collection of photographs showing the development of architecture in the 200 years from 1714-1914 — from classical tradition to art nouveau.

The exhibition is open to the public and will continue until August 22.

The chairman of Visual Arts, Professor Patrick McCaughey, says it is aimed at giving the new department's 120 first-year students an historical understanding and critical awareness of the rise of modern architecture.

The photographs, in sizes up to 3ft. 9in. by 5ft., show many famous buildings in Europe, the United States and Australia.

Tutorials will be held in the gallery, using the display as a "super audio-visual tool", says Professor McCaughey.

All the famous architectural styles of the 200 years are represented — Georgian, Victorian, classic or tradi-

tional revival, Gothic revival, and art nouveau.

The exhibition also demonstrates how all the varying styles originated from the architecture of the Villa Capra in Rome, designed by Palladio and completed in 1567.

Many Melbourne buildings are compared with overseas ones of similar style — St. James' Church, for example, with the 18th century Royal Salt Works at Arc-et-Senans and the Barriere in Paris, both designed by Ledoux.

Architectural detail of an O'Connell Street warehouse shows similar Roman

arch design to a Chicago auditorium built in 1887-9.

The Melbourne Club is compared with the London Travellers' Club and the Melbourne Exhibition Building with London's Crystal Palace.

In the art nouveau style, the Kilkenny Inn, at the corner of William and Lonsdale Streets, is shown to share similarities with the Glasgow Art School, designed by Mackintosh and completed in 1909.

These architectural comparisons will provide much of the interest for non-departmental visitors to the exhibition, says Professor McCaughey.

Works from the Monash Collection

by Grazia Gunn, Curator of the Collection



Counihan is of Irish origin, born in Melbourne on October 4, 1913. As a child he lived in a dissident atmosphere and was exposed to religious conflicts and economic struggle. Both these factors could be seen as greatly contributing to the development of Counihan as a non-conformist.

At the age of 15 he saw art as a means of communication. Firmly deciding to become a painter, he enrolled at the National Gallery Art School, where he studied under Charles Wheeler and Bernard Hall.

By the early 1930s, he was committed to political attitudes influenced by Marxism and the radical intellectuals and revolutionaries living in Melbourne at that time. His strong social consciousness, stimulated by the literature of Dostoyevsky and Gorki, Schopenhauer and Nietzsche was reflected in his work.

Through his art he protests against social injustice and defends the human condition. His early graphic work, like that of Daumier, partly dealt with cartoons and caricatures of contemporary social and political issues seen through a critical left wing point of view. His prints by the '40s were a major contribution to Australian printmaking, his early influences being Hugo Gellert, William Gropper and the social

realist work of Masareel, Kollwitz, Orozco and Rivera.

Counihan's paintings also reflect the human condition and perpetuate the realist tradition of Goya. Since 1940 he has produced a series of paintings on a number of humanist themes.

The painting in the Monash Collection is one of a series on the Aboriginal, not only as a social outcast, but as a symbol of alienation and poverty. The mother and child theme recurrent in his painting is symbolic of the pathos created by war and is an expression of a universal suffering.

The treatment of the picture is bold and simple, the image is one of tragedy and pathos. *Dark People* is a symbolic and literal picture indicating a painterly quality which has now become the strongest element in his work.

Awards: Australia at War Exhibition, 1956-57; John McCaughey Memorial Prize, 1958; Drawing Prize, Victorian Artists' Society 1958; International Graphics for Peace Exhibition 1959. Cartoonist and caricaturist since 1933, staff artist for the Melbourne Guardian 1934-49. Foundation member of the Contemporary Art Society, Melbourne 1938. Represented: All State and many Regional Galleries, the Collections of the Commonwealth and National Library; Melbourne and Flinders Universities, the Toronto Art Gallery, Canada, and the Harold Mertz Foundation, New York.

Dark People is on display in the Hargrave Library.

NOEL COUNIHAN
Dark People, 1963
Oil on hardboard, 100 x 74.8 cm.
Purchased.

Amnesty concert to raise Tokyo travel funds

A concert in Robert Blackwood Hall on August 7 will raise funds for the Pan-Asian conference of Amnesty International, to be held in Tokyo later this year.

The conference will be attended by delegates from 15 countries and topics for discussion will include the possibility of creating an Asian or Pacific Human Rights Convention.

To help delegates from some countries attend the conference, the more affluent national groups are raising money to pay air fares.

The Australian contribution is to be \$4000, and the August 7 concert has been arranged by the Monash Amnesty group to help meet this target.

Joe Broderick, a Melbourne priest who worked among the Latin American poor in the 1960s, and who has



MUSIC

just published a biography of Camillo Torres, a revolutionary priest killed in guerilla fighting in Columbia in 1968, will lead the concert with folk and protest songs.

Also performing will be the Bushwhackers Bullocky Band.

The concert will start at 8 p.m.

MSO returns to RBH

Internationally acclaimed pianist Ronald Farren Price will be the soloist at a special ABC orchestral concert in Robert Blackwood Hall on August 20 at 8 p.m.

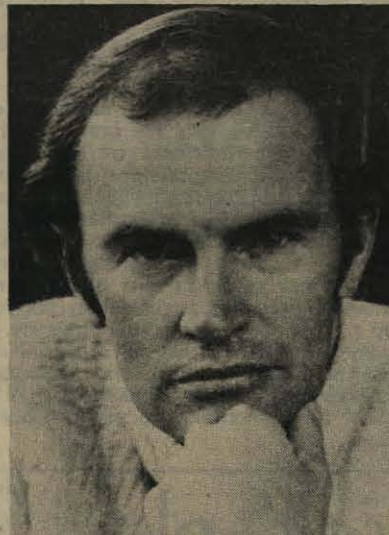
The Melbourne Symphony Orchestra, with chief conductor Hiroyuki Iwaki, will perform Mozart's Piano Concerto No. 20.

The orchestra and Mr. Iwaki received a standing ovation at the last of the three ABC Gold Series One concerts in Blackwood Hall in June.

Mr. Farren Price, reader in music at Melbourne University, has recently returned from six months overseas, during which he made his third concert tour of the USSR, and performed in Europe and England.

Other items on the August 20 program include "Prospects" by Australian composer Don Banks and Berlioz' "Symphonie Fantastique".

Tickets at \$3.10 and \$2.10 are available at Blackwood Hall or the ABC Box Office, 10 Queen Street, Melbourne.



Ronald Farren Price

VISITING ACADEMICS

The following academics will visit Monash during the second and third terms this year.

ARTS
History: Dr B. H. Harrison, Fellow, Corpus Christi College, Oxford. August-September.

ECONOMICS & POLITICS
Administrative Studies: Associate Professor D. L. Rados, Associate Professor in Marketing, Columbia University, USA. April, 1974-October, 1975.

Economics: Professor M. Berber, Professor of Labor and Industrial Relations, University of Illinois, Champaign, USA. As visiting professor. August-December.

Professor B. Hansen, Professor of Economics, University of California, USA. As visiting professor. July-November.

Professor J. Head, Professor of Economics, Dalhousie University, Nova Scotia, Canada. As visiting professor. July, 1975-June, 1976.

Mr M. Weisz, Head of Social Affairs and Industrial Relations Division of Organisation for Economic Co-Operation and Development, Paris, France. As special lecturer. September, 1975-August, 1976.

EDUCATION
Dr D. F. Hooper, Department of Mental Health, University of Bristol, England. As senior lecturer, also visiting the Department of Social and Preventive Medicine. March, 1975, for nine months.

Dr E. Jungwirth, Head of Department of Agricultural Education, Hebrew University, Israel. As temporary senior lecturer. October, 1974-September, 1975.

ENGINEERING
Civil Engineering: Dr R. H. G. Parry, Department of Civil Engineering, Cambridge University, July 25-August 19.

Materials Engineering: Dr J. P. Chilton, Senior Lecturer, Department of Metallurgy and Materials Science, Cambridge University. As visiting fellow. January-August.

Mechanical Engineering: Dr J. D. Fenton, Civil Engineering Department, Imperial College, London. As Queen's Fellow. January-August.

Dr D. Middleton, Department of Theoretical Mechanics, University of Nottingham, England. October, for ten weeks.

Professor S. Ramalingam, Department of Mechanical Engineering, University of New York, Buffalo, USA. August, for eleven months.

LAW
Dr Olive Stone, London School of Economics and Political Science, England. July, for four months.

MEDICINE
Physiology: Professor E. E. Daniel, Department of Pharmacology, University of Alberta, Canada. As visiting professor. January, 1975, for one year.

SCIENCE
Genetics: Dr J. R. W. Govan, lecturer in bacteriology, University of Edinburgh, Scotland. As visiting MRC research fellow. September 26, 1974, for twelve months.

Mathematics: Associate Professor Lynn Erbe, University of Alberta, Edmonton, Canada. April, for four months.

Professor R. Lidl, Weimer Institut für Mathematik, Technische Hochschule, Vienna. As visiting lecturer. July-mid-October.

Psychology: Dr J. R. M. Nolan, Head of Department of Psychology, University College, Dublin, Ireland. To end of year.

Zoology: Dr Lillywhite, Assistant Professor, Department of Physiology and Cell Biology, University of Kansas, USA. Temporary lectureship. June 1-December.

Dr Pinnock, Associate Professor, Department of Entomological Science, University of California, USA. Temporary lectureship. July 15-December.



Joe Broderick . . . protest songs

Black Studies lectures

Two lectures are planned for August in the Black Studies series being run by the Monash Centre for Research into Aboriginal Affairs.

On Tuesday, August 5, Bob Brown will speak on "Aboriginal College, Adelaide".

The following week, on August 12, Sandra Stacey will discuss "Aboriginal Health Education in Central Australia".

Both lectures will be held in the Union Conference Room, starting at 7 p.m.

DAY BY DAY

August 1-22: Exhibition — 200 years of architectural progress in pictures. Pres. by Department of Visual Arts. Exhibition Gallery, 7th floor, Menzies Building. Daily 9 a.m.-5 p.m. Admission free.

5: Lecture — "Aboriginal College, Adelaide," by Mr. Bob Brown. Seventh in Black Studies series arr. by Monash Centre for Research into Aboriginal Affairs. 7 p.m. Conference Room, Union. Admission free. Public Reading by Keith Harrison, a Melbourne poet. Pres. by Department of English. 8 p.m. R4. Admission free.

7: Folk/Rock Concert — Bushwhackers with Joe Broderick. Arr. by Amnesty Student Group. 8 p.m. R.B.H. Admission: Adults \$2, students \$1.50.

7: Seminar — "Comparative Biology of Flatheads," by Mr. I. Brown (Fisheries & Wildlife Division). Pres. by Department of Zoology. 1 p.m. S8. Admission free.

Lecture — "Bureaucratic Change in Contemporary Indonesia" by Professor Don Emerson, University of Wisconsin. Pres. by Centre of Southeast Asian Studies. 2.15 p.m. Room 816, Menzies Building. Admission free. Lecture — "Political Change and Religious Values in Independent Indonesia" by Professor Benedict Anderson. Arr. by Centre of Southeast Asian Studies and Australian-Indonesian Association. 8 p.m. R4. Admission free.

7-9: Play — "Death of a Salesman," presented by Monash Players. 8 p.m. Alexander Theatre. Admission: Adults \$2.50, students \$1.50. Also Aug. 12-16 Party concessions available.

9: Saturday Club (Red Series) — "Fun with Singing." 2.30 p.m. Alexander Theatre. Admission: Adults \$2, children \$1.50.

Concert — "Ngoma," Africa's Cultural Heritage. Pres. by Africa/Australia Association. 8.15 p.m. R.B.H. Admission: adults \$2.50, students \$1.50.

11: Lunchtime Concert — Melvyn Cann (violin), Phillip Mischel (clarinet), Brian Chapman (piano), play works by Mozart, Benjamin, Bartok. 1.15 p.m. R.B.H. Admission free.

12: Lecture — "Aboriginal Health Education in Central Australia," by Miss Sandra Stacey. Eighth in Black Studies series arr. by Centre for Research into Aboriginal Affairs. 7 p.m. Conference Room, Union. Admission free.

13: Concert — Jo Beaumont, Silvano Minella, Stephen McIntyre. In association with the Italian Cultural Institute, Melbourne. 8 p.m. R.B.H. Admission free. Films — NASA space documentary films (not previously screened) pres. by Astronautical Society. 8 p.m. H1. Admission free.

14: Public Reading by Dorothy Hewett, Writer-in-Residence, and discussion of her own poems. Pres. by Department of English. 8 p.m. R3. Admission free.

Lecture — "Javanese Priyayi Value Conflicts" by Dr. Mohammad Slamet, arr. by Centre of Southeast Asian Studies and Australian-Indonesian Association. 6 p.m. R4. Admission free.

14-16: Play — "Cinders" or "That was no Fairy, that was my Godmother," pres. by Medical Students and Alfred Hospital nurses. 8 p.m. Also at 10 p.m. on 16th, Union

SCHOLARSHIPS

The Academic Registrar's department has been advised of the following scholarships. The Reporter presents a précis of the details. More information can be obtained from the Graduate Scholarships Office, ground floor, University Offices, ext. 3035.

Korean Government Scholarships — 1975
Applications may be lodged at any time for a scholarship to provide non-Korean students with opportunities to do post-graduate work in Korea. Value: 60,000 won per month, plus allowances.

Australian-American Education Foundation East-West Center Scholarships 1976/77
The Center is at the University of Hawaii. The Center's institutes focus on problems of cross-cultural communication, population dynamics, culture and language learning, food systems, technology and development. Value: Living expenses plus allowances. Applications close August 22.

Indonesian Government Scholarships
Open to Australian graduates to undertake higher studies in Indonesia. Value: Rp 20,000 p.m. plus allowances (approx. \$A55 p.m.). Applications close August 30.

R.T. HaM Prize in Cardiology
Awarded annually for the best current original work related to the cardiovascular field performed in an Australian or New Zealand institution. Value: \$1000 plus book. Applications close August 31.

Queen Elizabeth II Fellowships
Open to Ph.D. graduates for two years research in the fields of physical and biological sciences. Value: \$12,714 p.a. plus allowances. Applications close September 3.

American Association of University Women (AAUW) Graduate Fellowships
Open to women graduates for advanced research in any country other than the fellow's own. Value: Varies according to financial need. Applications close September 30.

The AAUW also offers 40 awards for one year's graduate study in the U.S.

National Heart Foundation — Vacation Scholarships 1975-76
Vacation scholarships are available to undergraduates to undertake research projects related to cardiovascular function and disease in progress in university departments and certain research institutes. Value: \$80 per week. Applications close October 5.

Theatre. Admission: Adults \$2, students \$1.50 (group concessions available). Bookings, inquiries: 51 8441.

14-21: Water Engineering Workshop — "Flood Estimation by Runoff Routing" sponsored by Centre for Continuing Education. Civil Engineering Library, Engineering Building 5. Enrolment fee: \$180 for six days. Registration forms, inquiries: ext. 3719, 3694.

15: Film — "Faust" (G) pres. by Department of German. 8 p.m. H1. Admission free.

16: Saturday Club (Blue Series) — Film, "Countdown to Danger." 2.30 p.m. Alexander Theatre. Admission: Adults \$2, children \$1.50.

Choral — National Boys' Choir (cond. Kevin Casey), 8 p.m. R.B.H. Admission: Adults \$3.20, students and children \$1.50.

18-19: Annual Congress — Modern Language Teachers' Association, in association with Department of French. Rotunda Theatres. Admission: Members \$6, non-members \$10.

19: Symposium — "The Design of New Steels," pres. by Australian Institute of Metals in conj. with Department of Materials Engineering. 4 p.m. E2. Admission free.

Monash Women's Society — Meeting at the Vice-Chancellor's house, followed by a tour of the campus. 10 a.m. Concluding with lunch at the home of Mrs S. Little. Inquiries: Mrs. D. Laurenson, 598 4237.

20: A.B.C. Special Concert — Melbourne Symphony Orchestra (cond. Hiroyuki Iwaki). Soloist: Ronald Farren-Price. Includes works by Mozart, Don Banks, Berlioz. 8 p.m. R.B.H. Admission: \$3.10 and \$2.10.

21: Special Concert by students from Loreto schools throughout Australia to celebrate Loreto Centenary Year. 8 p.m. R.B.H. Admission: Adults \$2, students \$1.

21-23: Play — "The Servant," by Robin Maughan, pres. by Waverley Theatre Group. 8.15 p.m. Admission: \$2.50 (Thurs.), \$1.75 (Fri.), \$3 (Sat.). Union Theatre. Bookings, inquiries: Mrs. E. Gross, 277 4153 (AED), 24 9055 (BED).

21, 25, 28: Lecture — "Survival Data Analysis," sponsored by Centre for Continuing Education. 4 p.m.-6.30 p.m. Ground floor, Conference Room, Monash Medical School, Alfred Hospital. Registration fee: \$5 for three lectures. Registration forms, inquiries: ext. 3719, 3694.

23: Concert — Melbourne Chorale Continuing Choir, presenting Secular Music of the 20th Century. 8 p.m. R.B.H. Admission: Adults \$3.50 and \$2.50, students \$2.

23-24: Pre-University Course for HSC Students. "C" Series — Pres. by Department of French. Menzies Building. Admission \$6. Inquiries: ext. 2217.

24: Sunday Afternoon Concert — Jochen Schubert (guitar), Christopher Martin (viola), Vernon Hill (bute). Works by Molino, Telemann, Turina, Apostel, Matiegka. 2.30 p.m. R.B.H. Admission free.

25-29: 5th International Conference on Atomic Spectroscopy — sponsored by Australian Academy of Science. Registration fee: \$50. Includes lectures and exhibition of scientific equipment. Rotunda Theatres. Registration, inquiries: Dr. John Willis, CSIRO, 544 0633, ext. 276.

25-Sept. 5: Educational Holiday Entertainment — The Playmakers, for children aged 4-14 years. Twice daily, Mon.-Fri., 10.30 a.m.-2 p.m. Alexander Theatre. Admission: Adults \$3, children \$1.50. Party concessions available. Inquiries, reservations: 543 2328.

26-27: Conference — Pres. by Accounting Association of Australia and New Zealand. 51-4. Inquiries, registration forms: Mr. M. H. Hunter, 819 0111.

Comedy with the spice of suspense

THEATRE

A review of "Rosencrantz and Guildenstern Are Dead," at the Alexander Theatre, by Rosalind Meyer (senior teaching fellow in English).

"There is an art to the building up of suspense" and Peter Batey's production of "Rosencrantz & Guildenstern Are Dead," at the Alexander Theatre, effectively brought out this unlikely element in an apparently actionless play.

Against an unobtrusively presented background of nowhere-in-particular—although recognisably off-stage from "Hamlet"—the three principal actors held the attention of the audience through three acts of bewildering dialectic to their non-conclusion.

Gary Down presented a Guildenstern thinking and aware; in contrast to the equally likeable but distinctly dimmer Rosencrantz, played by Gill Tucker.

These exacting roles were well sustained through action and passivity, while both actors were required throughout the play to remain on stage. They were entirely at home with Stoppard's brilliantly witty comedy, and not a line was thrown away, although they achieved a fine pace. Some of the pathos of the characters' situation failed to emerge in this production, but the trauma of their T. S. Eliot-like predicament could readily be felt.

To this achievement Paul Karo's admirable performance as the Player contributed greatly. In a flamboyantly dramatic role, suitably dressed for the part, his delicate over-emphasis—largely contrived by fluent gesture—kept the harmony between the man and the committed Thespian, and produced on the audience as on Rosencrantz & Guildenstern, the required degree of intriguing confusion and dramatic satisfaction.

He was ably supported by a motley of Tragedians whose dumb show performances, fitly grotesque, nevertheless proceeded to enhance the general tension.

The same could be said of the production's cardboard representations of the "Hamlet" extracts, silhouetted against simply-lit backdrops of complex suggestiveness, and acted to good theatrical effect with speed and excellent timing. Indeed the timing of the whole play's movements, on this broad stage, deserves especial comment.

The opening alone lacked conviction: the tossing of the coins was interfered with by a good deal of "business" which nullified Guildenstern's comment about the art of suspense-building. But from that remark on, the play held; and its subtle interplay of the sombre and the scintillating, so well presented in this production, fascinated the audience throughout and, to judge by comments, long after the auditorium had emptied.

PART-TIMERS' AGM

Monash part-timers will hold their first annual general meeting on Thursday, August 7.

There will be a pre-meeting get-together in the upstairs cafe in the Union, starting at 6.30 p.m.

The AGM starts at 8 p.m. It will be held in room 4 on the first floor of the Union.

The agenda will include election of office bearers, planning of 1976 Orientation Week activities, and discussion of problems affecting part-timers such as library borrowing hours, car parking, and lecture times.



David Groves has a field day practising for the part of Biff Loman.

How to get a kick from rehearsals

Rehearsal and preparation for a play is always a training of sorts. But rarely does it lead the actors on to the sports field.

And certainly not with an American-style football.

But that's what David Groves is practising with here. He plays Biff Loman in this week's Monash Players' production of *Death of a Salesman*.

The Arthur Miller play, directed by

Andrew Ross, will be staged at the Alexander Theatre on Thursday, Friday and Saturday of this week. It returns from August 12-16.

The cast have been rehearsing since May.

Why the football practice?

When Willy Loman, the salesman of the play's title, finds his grasp on the routine of the business world failing, he tries to compensate for his failure by grasping at the fragments of his son, Biff's, reputation as a sportsman.

He dreams of Biff and his other son, Happy, making big selling sports goods, just as he dreams of the time when he was a younger father buoyed up by his sons' immense popularity.

Bookings for *Death of a Salesman* can be made direct to the Alexander Theatre on 543 2828. Tickets are \$2.50 (\$1.50 for students) with group concessions.

A real purler!



Stephanie Bunbury . . . ready to give the villain the needle.

A send up of a melodrama, titled "Before Your Very Eyes," will be presented by the Monash University Musical Theatre Company (MUMCO) in the Union Theatre this month.

In the play, a villain takes over a town, infiltrating a knitting group and causing wild, bacchanalian revels.

The production is directed by students John Lane and Dick Gross, and stars Stephanie Bunbury as the heroine, with Phil Dutton as the villain.

Music is by student Richard Vella.

Performances will be given on August 5 and 7 at 1.15 p.m., and on August 6, 7 and 8, at 8 p.m.

Tickets are \$1 for adults, 80 cents for students.

Balling it up

Monash medical students and Alfred Hospital nurses will present their 1975 play, titled "Cinders," or "That was no fairy that was my godmother" at the Union Theatre this month.

Performances will be given at 8 p.m. on August 14, 15 and 16. Tickets are \$2 for adults, \$1.20 for students, and group concessions for more than 20 people are available.

Bookings can be made on 51 8441.

'Do-it-yourself' play for children

A play about a play, showing a play in production, from its selection and casting through rehearsals, staging, costuming and lighting to its final presentation, will be the next production for children by the Alexander Theatre Company.

Titled "The Playmakers," the play will be presented in Victoria for the first time. Devised and directed by John Cousins, it was originally commissioned in 1969 by the Western Australian National Theatre.

The theme of its story is a king in search of an honest tax collector.

Children in the audience are directly involved in the production. They can audition for the roles of citizens, and choose their own costumes, paint the scenery or become stage hands.

The play is suitable for children from four to 14 years old, and will also interest older teenagers.

"The Playmakers" will open at the Alexander Theatre on Monday, August 25, and will run until Friday, September 5. Performances will be at 10.30 a.m. and 2 p.m. daily. Tickets are \$3 an adult, \$1.50 a child, with Saturday Club concessions of \$2.50 and \$1.25. Bookings can be made on 541 3992, 541 3991.



As the king in "The Playmakers," John Cousins has some words of wisdom for (left to right) Vivian Davies, Catherine Wilkin, Gill Tucker and Gary Down. And there's still plenty of room on stage for the young amateurs in the audience.

The next issue of Monash Reporter will be published on September 1. Copy deadline is August 18.

Letters and contributions from staff and students should be forwarded to the editor, Information Office, first floor, University Offices (phone 3087).