

COMMUNITY SPECIAL

A closer look at campus life

Monash University, with its daytime population of 17,000 students and staff, is a city within a city — and a very lively one at that. But how much does the average citizen know about what goes on in a modern tertiary institution? This special issue of Monash Reporter may answer some of your questions. First, a word from the Vice-Chancellor, Professor Mal Logan . . .

With this issue, the university's internal news-magazine is going public for the first time. It is being distributed to 40,000 neighboring households.

We are doing this primarily because we're conscious of our obligation, as a publicly-funded institution, to make our work widely known to the taxpayers who support us.

We realise that, even today, many still look upon universities as privileged, closed communities, interested only in their own pursuits.

For many years, the university has conducted annual Open Days that have afforded the general public a glimpse of our work and life, but dwindling funds have forced us to restrict these occasions to every second year — and this happens to be an "off" year. Still, we hope that this community issue of *Monash Reporter* (and next week's Careers Day will help fill the gap.

As you leaf through this edition, you will, I think, come to appreciate some of the truly exciting things that are part and parcel of the everyday life of a modern university.

You will also learn of the many ways in which we interact with the community — from popular concerts in Robert Blackwood Hall (many of which are free to all), to the sponsorship and encouragement of sporting events of all kinds, to collaboration with the business and industrial world in the highly specialised fields of advanced technology and science.

As it happens, this community issue of *Monash Reporter* coincides with the completion and imminent opening of what many of us believe to be a most significant development in the south-eastern region of the Melbourne metropolitan area — the new *Monash Medical Centre*.

Far from being simply a campus-based teaching hospital, as was originally envisaged back in the 1950s, or even a regional community hospital, the Monash Medical Centre will, I believe, become a key component in the whole of this state's health care system.

I trust you will enjoy reading this special issue of *Monash Reporter* — and take an early opportunity of joining in some of our activities.

MONASH REPORTER

A MAGAZINE FOR THE UNIVERSITY



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Glamour shows its other face

Seduction is the keynote of *The Glamour Show*, which opens next week at the Monash University Gallery.

But it is only one half of the exhibition — the other half is *Thief's Journal*, a very deliberate attempt by Sydney artist, Julie Brown-Rrap, to deglamourise the female image.

"*The Glamour Show* is an exhibition of blatantly glamorous and seductive images — filmstar and celebrity portraits, advertising and fashion photographs and surreal studies," says curator, Jenepher Duncan.

"These photographs are not of the real world. They have been set up to seduce and captivate the viewer. They are about the 'pleasure of the gaze'."

Such famous photographers as Cecil Beaton, Max Dupain, Ruzzie Green, Angus McBean, Paul Outerbridge, Athol Shmith and Edward Steichen are represented in the exhibition which was curated by Helen Ennis, curator of photography at the Australian National Gallery.

"In *Thief's Journal*, Brown-Rrap discredits the notion of photography and painting as truthful, impartial mirrors of reality," says Ms Duncan. "She appropriates images belonging to such male artists as Magritte and Balthus, and substitutes images of her own body for the female nudes they portrayed."

"This process of self-image making was a complex one.

"First she projects a slide of the original paintings onto a black paper backdrop, tracing the lines and giving them a different emphasis according to the way they look through the viewfinder of a camera.

"When the drawing is complete, she activates the shutter-delay mechanism, steps onto the paper, approximates the pose of the figure, and photographs herself," Ms Duncan said.

"She covers a canvas with photographic emulsion and prints the negative

onto it. The photograph is then painted over.

"The distortions and accidents occurring during the process are emphasised in the final image.

CAREERS DAY

Careers Day will be held this year on Sunday 14 June from 1-4pm. Activities will be concentrated around the Menzies and Union Buildings. Prospective students will be able to obtain information about courses, accommodation, finances (including Austudy) and special university entrance schemes. Inquiries about the day's activities can be directed to Sue Ackerly at the Careers and Appointments Service on ext. 3150.

Premier centre for European studies

Monash is set to become Australia's premier university for students of European languages and culture with the establishment of a Centre for European Studies on campus.

Professor Brian Nelson, the chairman of the department of Romance Languages, says the new centre will provide a vital link between the humanities, social sciences and foreign languages.

Its structure is yet to be finalised, but Professor Nelson believes it will become the chief centre for European studies in Australia.

"The concept was approved a few weeks ago, along with some general ideas as to how it will operate," he said.

It will take over the existing MA in 18th Century European Studies immediately.

Professor Nelson is hopeful that full undergraduate facilities and a post-graduate program will be available by 1989.

The project has received a bit of a push since the arrival of Professor Nelson from the University College of Wales, Aberystwyth, where he was a senior lecturer in French. He has been at Monash since last August.

He says the concept originated in his department, although the submission to establish the centre is the result of team work.

Professor Nelson is particularly concerned about the decline of modern language learning among students.

"It is no longer the norm that a student of humanities has a working knowledge of a language other than English," he said.

"The decline of language teaching in

the schools means that it is all the more important for universities to increase and properly maintain language studies."

The professor believes the centre will provide a stimulus to linking broad humanities education with the study of a modern language.

"The decline is a scandal which has wide-reaching implications for society.

"Modern language studies are essential to the nation's needs."

The courses run by the new centre will focus on the multi-disciplinary study of culture.

The centre will draw on staff expertise in most humanities departments, as well as in the faculties of Economics and Politics and Law.

Postgraduate programs will examine major social and cultural developments in modern Europe.

Courses will look at practical and theoretical questions concerning the social processes by which "culture" — including literature, thought, the visual arts, politics and society — is produced.

"Not only do interdisciplinary centres contribute to the university's reputation for excellence and give it a distinctive character, but they also facilitate the flexible and economical use of staff expertise and respond to changing academic interests," Professor Nelson said.

One major benefit will be visits by top scholars, and the possible establishment of a postgraduate fund. Seminars, on an inter- and intra-university basis, will also be held regularly.

The centre will have its own offices in the Menzies Building.



• Professor Brian Nelson discussing plans for the new centre with the Dean of Arts, Professor John Hay.

Hewett, Jolley on campus

Poet and playwright, Dorothy Hewett, will be writer-in-residence at Monash this month.

As part of an English department program which provides for a number of writers-in-residence on a short term basis, Ms Hewett's visit follows that of poet, Mark O'Connor.

A visit next month by novelist, Elizabeth Jolley, will conclude this part of the program.

Ms Hewett, whose autobiography will soon be published, will hold public sessions at Monash at the following times:

- Monday, 22 June, Room 803, 1.10pm: Writers' Workshop (50 minutes);
- Wednesday, 24 June, Room 803,

4.15-6.15pm: Readings of her own work with informal discussions.

- Thursday, 25 June, R4, 1.10pm: Reading (50 minutes).

Elizabeth Jolley will spend the week of 13-17 July at Monash, and will hold public sessions on Monday 13 July, Wednesday 15 July and Thursday 16 July at the same times and places as above.

Both writers will be available for students and others to visit in an office in the English department at hours yet to be arranged.

The Writers-in-Residence program is funded by the Vera Moore Fund and the Faculty of Arts, assisted by a grant from the Literature Board of the Australia Council.

Honor for outstanding woman author

"One of the most conspicuous facts of Australian literary history is that so many of our outstanding authors have been women," said Professor John Hay, Dean of Arts.



• Kylie Tennant with the Chancellor, Sir George Lush. Photo — Tony Miller.

"Even to Australians who rarely read books, Kylie Tennant is well-known, at least through the television version of her novel *Ride On, Stranger*.

"To the far greater number of us who see our literature as one of our greatest and certainly our most enduring achievements as a nation, Kylie Tennant is far better known," he said, when presenting the author for an honorary degree, Doctor of Laws, at Monash last month.

"Her first novel, *Tiburon*, won the *Bulletin's* S.H. Prior Memorial Prize in 1935.

"In 1940, her third novel, *The Battlers*, won her another S.H. Prior Prize and, one year later, the Australian Literature Society's Gold Medal."

Ride On, Stranger was first published in 1943 and was followed by six other novels, short stories, plays, histories, biographies and more than twenty years of literary criticism in the *Sydney Morning Herald*.

"Her range as a writer is remarkable, encompassing plays for children and a biography of Evatt, *Politics and Justice*, which was first published in 1970," Professor Hay said.

"To a quite remarkable degree, Kylie Tennant has made the events of her life the very core of her writing.

"The vivid accounts she gives of the lives of the poor, the battlers and the unemployed fringe-dwellers derive from first-hand experiences and observations.

"But it is not enough to say that she is simply a realist, or even a social realist.

"Her eye and her imagination penetrate well beneath the surfaces of our

society to its more subtle essences. She sees the realities of Australia, she sees us for what we are," he said.

In her autobiography, *The Missing Heir*, which appeared only last year, Kylie Tennant concludes with an account of a bullfight in Spain:

"... the people who had paid for their seats, put on their bets and dressed for the fiesta were outraged by a gang of Australians.

"Come on, bull!" the Australians yelled. "Give it to him, bull! That's a good ole bull! We're on your side!" They were cheering and encouraging the bull... It was whispered that they were drunk — then it was explained: they were Australians!

This action was something that aficionados of the bull-ring will never understand. Centuries of tradition were being flouted; the bull never wins, is never supposed to win. In high finance, in war, in all walks of civilisation, the people who run the bull-rings or the stock exchange, the levels of diplomacy, are powerful in the knowledge that the bull never wins. Yet here were Australians — a terrible and strange people — encouraging the bull... I have heirs [she observed] all over the world — wherever someone gets up and barracks for the bull."

"Others have honored Kylie Tennant: she is an Officer of the Order of Australia and a Life Patron of the Fellowship of Australian Writers.

"Monash honors her as a great Australian and as a central figure in the literature of this country."

Computers bring experiments into line

With the opening of a Centre for Biomedical Simulation last month, Monash entered a field totally new in Australia.

Following closely in the footsteps of Duke University, North Carolina, the Monash department of Physiology has installed software which allows computer simulations of biological systems.

In the process, it has made a constructive move to answer criticisms about animal experimentation, says research-

cher, Dr Tim Neild, associate director of the centre.

"Through simulation the critical experiments required to test a hypothesis can be identified and unnecessary experiments avoided.

"A simulation can never replace an experiment because it uses only know-

ledge that has been given.

"But it can rearrange that knowledge, present it to us in new ways, and help us to draw conclusions from it.

"In particular, a simulation can be used to test proposed experiments and determine the correct experimental conditions."

Dr Neild says a hypothesis was fed into the computer in a way that the com-

puter could understand — as a series of equations.

"If the predicted response is clearly different from what is observed in life then the simulation (and therefore the hypothesis it expresses) is wrong.

"If the simulated response is reasonable then the simulation may be correct, and further tests can be made," he said.

"This is quite conventional scientific reasoning, the sort of thing all scientists do in their head; simulation is different only in the range of problems that can be treated."

Dr Neild says the results of a simulation may do more than simply eliminate the need for preliminary experiments; they may show basic flaws in the experimental design.

The software being used on the Monash centre was developed by researchers at Duke University's National Biomedical Simulation Resource.

The Monash-Duke link was established by Dr Brian Chapman, senior lecturer in Physiology, who has worked at the Duke resource on study leave.

"Until the development of high-speed computers, effective simulation simply was not possible," he says.

"Researchers could conceive the problems but no one had the time to do the laborious calculations.

"In the early 1950s when Hodgkin and Huxley won the Nobel Prize for their model of how nerves function, Huxley spent three weeks with a hand calculator going through the mathematics necessary to construct a picture of one nerve impulse.

"Thirty-five years later we can offer students individual use of desktop personal computers that will perform the same task in a few seconds."

The Duke resource's director, Dr Mailen Kootsey, and its first graduate student, Susan Wood, have been visiting Monash for extended periods in the past few weeks to help set up the centre.

Miss Wood installed the software in the \$26,000 computer network donated by Hewlett Packard Australia, and Dr Kootsey is conducting training workshops for students, postgraduates and staff.

Through the centre, Monash can now offer medical students the first elective course in Australia in biomedical simulation.



● Third year medical student, Hien Huyuh, does a preliminary experiment on computer at the opening of the Centre for Biomedical Simulation. With him are, from left, Dr Brian Chapman, Dr Mailen Kootsey, Mr Bob Cattell (Australasian sales manager, Hewlett Packard) and Professor Graeme Schofield, Dean of Medicine.

Condoms 'must be improved'

"There is an urgent need to improve the efficiency of condoms," says Professor Roger Short, specialist on reproductive biology and a member of a WHO sub-committee on AIDS.

"A woman is only fertile five days a month, 60 days a year, yet there's a five to 10 per cent failure rate for condoms as contraceptives.

"If they can't stop a big thing like sperm, which is only going one way, how can they be expected to prevent a tiny thing like the AIDS virus which is

going both ways 365 days of the year?"

Professor Short will soon attend a meeting in Geneva of the WHO sub-committee, to discuss the implications of AIDS for all methods of contraception.

He says somewhere between five and 10 million people are already infected

with the AIDS virus, and by 1991 that number will be 100 million.

"On our present knowledge, at least 50 per cent of these people will die from AIDS."

Because of this growing threat, condoms could become the contraceptive of first choice for teenagers.

Professor Short, who is involved in condom research for the Ansell company, says there are three ways that condoms fail.

"They are put on too late, they come off too soon, or they rupture during use.

"We suspect that the second is the commonest — providing you are using a good brand that won't rupture."

He is following with interest a new Ansell product on the market which contains an anti-AIDS spermicide.

"It makes sense that a spermicide and a viricide should be added to condoms," he said.

"After all, who in this day and age would use a toothbrush without toothpaste?"

Another new condom being marketed in the United States is tackling the problem of condoms coming off during use.

"It has self-adhesive plastic at the base so it sticks to the shaft of the penis," Professor Short said.

"If it proves successful, condoms may become much more reliable."

People in hot, humid countries like Asia and Africa have special problems with this contraceptive method.

"There is an urgent need to redesign the condom," Professor Short said.

"In hot, humid conditions, the latex can perish and rupture in use."

Short courses on AIDS

A new on-campus Centre for Reproductive Biology will offer short courses on a number of issues like contraception, AIDS, infertility and the pathology of the reproductive organs.

"There's been a wide demand for such courses," says Professor Roger Short of the department of Physiology who is a member of a World Health Organisation AIDS sub-committee (see story) and of the group that oversees all WHO's contraceptive research.

The new centre will co-ordinate all the expertise on reproductive biology now scattered between university departments.

"It's a joint venture to capitalise on our assets," says Professor Short.

The departments of Anatomy, Physiology, Biochemistry, Obstetrics and Gynaecology, Paediatrics and the Centre for Early Human Development are all involved.

Other participating groups include the Medical Research Centre (Prince Henry's Hospital), the Infertility

Medical Centre (Epworth Hospital) and the new Division of Reproductive Medicine to be established at the Monash Medical Centre.

Professor Short said the centre will offer diploma courses over two or three weeks, to health care professionals.

Groups who will benefit include the Family Planning Association, which has asked for a course to bring its doctors up to date on the latest research into new methods of contraception.

Students with basic science degrees will be able to undertake a Master of Reproductive Sciences degree through the centre.

They may also enrol in member departments and organisations for the degrees of Master of Science, Doctor of Medicine and Ph.D.

"We hope to attract people from overseas, particularly Southeast Asia, who are seeking more training in this field," says Professor Short.

"WHO has already indicated its willingness to help us in this venture."

Changes at Krongold

The Krongold Centre for Exceptional Children will be reincorporated into the Faculty of Education at the end of this year with the retirement of its director, Professor Marie Neale.

In the meantime, the centre's committee will be disbanded and a new Krongold Centre Planning Committee set up in accordance with recommendations made following a review of the centre.

One of the planning committee's first duties will be to advertise the position of a new director to take office early in 1988.

It will also have the responsibility of negotiating with the university about a new formula for funding the centre.

The committee will include representatives from three faculties — Education, Medicine and one other — the Monash Medical Centre, the Ministry of Education, government funding bodies, the non-government education sector and the Krongold Parents and Friends Association.

Project to plot penguins' progress

Fairy Penguins around Phillip Island have been fitted with radio transmitters in a bid to determine whether they have adequate food supplies.

The project was set in motion after autopsies revealed that an extraordinary number of penguins washed ashore in 1984 had died of starvation.

"We have found that it's vital for the Fairy Penguin (or Little Penguin) to live close to a substantial food source," said Professor Mike Cullen of the department of Zoology.

"Little Penguins require large amounts of energy to walk, feed their young and exist on land in high temperatures — their conservation of energy is pitiful."

The study concentrated only on birds with young because they must return to their burrows in the evening. This means they are restricted in the distance they can cover in search of food.

It found they were spending much of their feeding time three or four kilometres offshore, returning quickly to the breeding colony as evening approached.

"While we know a good deal about the life of the penguins while they are ashore, almost nothing is known of their behavior at sea," said Professor Cullen.

"More research is needed, but this kind of study will tell us where the birds' preferred food — bait fish such as pilchards and anchovies — is critically low."

Teams from the Arthur Rylah Institute, the Victorian Marine Science

Laboratory and Monash were all involved in the project, which was funded by the Victorian Government through its Penguin Protection Program.

Removable transmitters were attached to 10 birds and information on their whereabouts picked up on three specially-designed directional antennae.

These were manned by zoology students who made regular notes of where each bird was located.

The antennae, built at Monash by Martin Hopper of Engineering Services, were six metres high and sat in rotating dishes fitted with compasses.

They did not record distances, but these were determined by pinpointing the bearings where two or more antennae intersected.

It was the first time that radio telemetry had been used on aquatic animals in Australia, although it has been used often to monitor the movements of land animals.

"We had severe doubts that it would work on a sea animal, but decided to try it after Brian Weaver, a researcher at Arthur Rylah, did a preliminary study," said Professor Cullen.

The transmitters were built by researchers at the institute. They were designed to cause the birds the minimum of inconvenience, and they were all removed when the project ended.



● Above: The subject of all this activity — the Fairy (or Little) Penguin. Below: Zoology undergraduates manned the antennae from 6am to 9pm during the five days of testing.



● The project required a high degree of concentration as the radio signals could only be picked up when the birds were on the surface.



Gulliver's journeys led to despair

The message of *Gulliver's Travels* is that there are clear and permanent limits to man's perfectability, says oboist and noted Swift scholar, David Woolley.

"As the author of a book of universal appeal (Jonathan) Swift transmits a message that continues to be meaningful, after 250 years, to the nations of the world whether they understand English or not.

"*Gulliver's Travels* attracts the reader in the first instance because the author tells a story, a story of adventure," said Dr Woolley in an address to graduates in Robert Blackwood Hall, where he was granted the honorary degree, Doctor of Laws.

"It is told in such a way, however, that the reader soon realises it is in fact

about him and the world he inhabits.

"Swift may not be right but he has put his case magnificently for all time.

"Children easily enjoy the familiar first two voyages which are therefore to be found translated virtually into all languages.

"The third and fourth voyages speak to adult experience, in the vein of progressive disillusionment and finally of despair.

"The whole book, in consequence, has been late in coming to countries beyond the European continent and the English-speaking world.

Swift was also a lively and prolific pamphleteer and journalist, an historian, diarist and energetic Christian divine, a trenchant and amusing poet and a distinguished letter-writer, said Dr Woolley.

"He must remain near Shakespeare at the pinnacle of literary achievement in our language."

Melbourne-born Dr Woolley has spent most of his professional career as a musician in England, playing with major orchestras around the world.

He has studied, collected and written about the works of Jonathan Swift for more than 40 years, and it was through him in the early days that Monash acquired the nucleus of its impressive Swift collection.



● Dr Woolley, right, with Professor Clive Probyn.

COMMUNITY SPECIAL

Your neighborhood campus has much to offer

"Some of our neighbors wouldn't even dare to set foot on the Monash campus. Yet Monash isn't a Pentridge or a Greenham Common. We're the same as any other good neighbor, appreciating our own privacy but happy to enjoy interaction with the surrounding community."

Comments like this from inside Monash have prompted us to talk this month to people in the thousands of homes "over the fence".

We are not saying "Come in for a drink" (unless it is to imbibe from our fountain of knowledge), but we are seeking to show that a university is not a closed, mysterious society, remote from the community that supports it.

We believe that, with the demographic centre of Melbourne shifting into this neighborhood, we have an opportunity — even an obligation — to demonstrate our neighborliness.

There have always, of course, been many contacts in non-academic areas.

Monash students, nearly always strapped for money, provide an almost "at call" family help service for anybody needing tutors, babysitters, gardeners — you name it.

Local industries dip into this eager labor force for part-time and casual employees.

Companies and community groups make use of our meeting places for trade displays and conventions.

Employers in the outside community are using the university's Careers and Appointments Service, not just to get the best selection of graduates for their best jobs, but also to 'preview' undergraduates in work-experience situations in industry, to their mutual advantage.

All courses conducted at the Arts and Craft Centre are open to the public. They range from ceramics to typing, from music to massage, and they include one-day and weekend workshops.

Robert Blackwood Hall, known to thousands of parents as the impressive venue for graduation ceremonies, has another public life as a much-in-demand concert hall. Many performances are free and open to the public.

The more intimate Alexander Theatre, with an established reputation for children's theatre, is experimenting with children's workshop projects on Saturday mornings. For adults the "Alex" is definitely another place to go, with its quality professional and

amateur theatrical productions and its technical and human support for players and producers.

A garage sale on campus? Why not? The Parents' Association has one each year on a Sunday in March. It's held in the Humanities car park, and the public is invited to buy and sell a wide range of goods and artefacts.

The swimming pool, part of the Sport and Recreation Centre's 12.2 hectares of facilities catering for more than 50 indoor and outdoor sporting activities, is open to the public when not in use by the university or hired by schools.

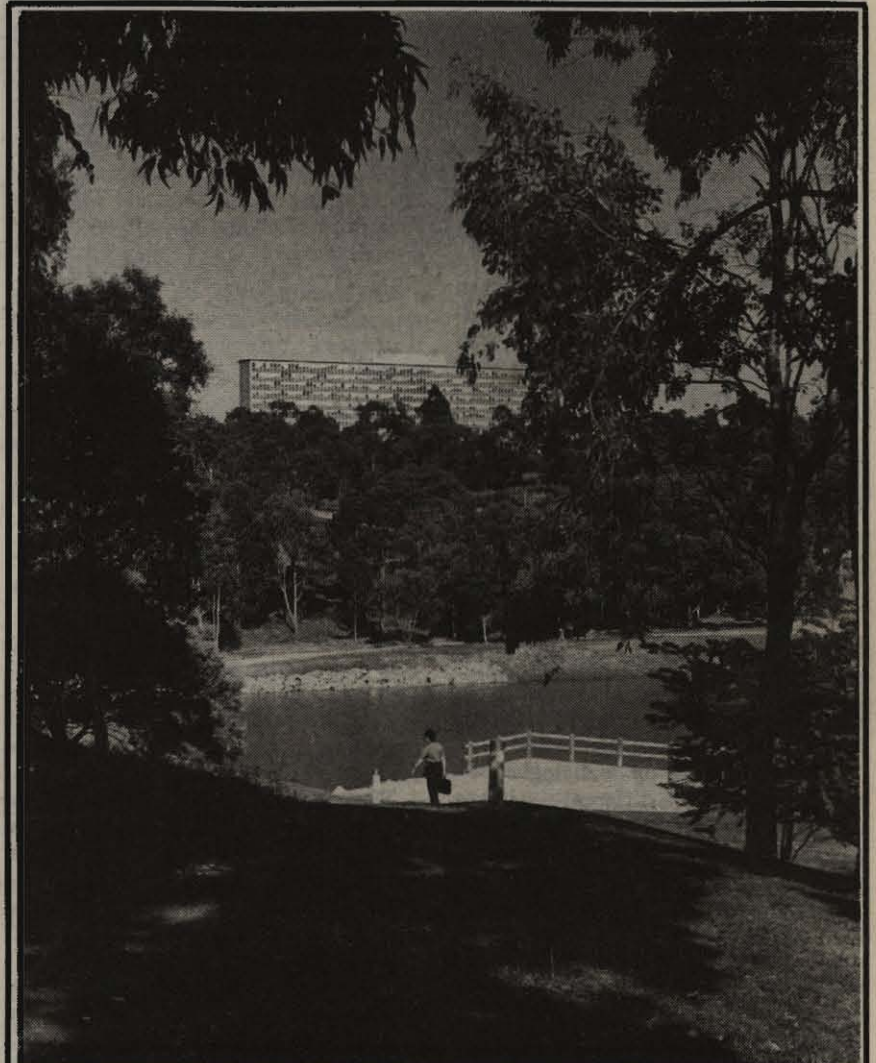
The university's Centre for Continuing Education helps graduates — and members of the public — to expand and diversify vocational and professional skills. Social issues such as rape, youth suicide and integration rub shoulders on the agenda with courses on urban transport and photography.

An allied movement among active retired people is U3AM — Monash's University of the Third Age — in which people from the surrounding community tutor and learn from each other.

The hub of student activity (particularly that associated with the movement of jawbones) is the University Union. While this is officially restricted to Union members, you are unlikely to be stopped at the door if, while you are on campus on, say, an Open Day, you want to sample the extraordinary variety of food consumed at the food bars, cafeterias, dining rooms and banquet room. There's everything from hot potatoes to Chinese, from Aussie pies to Mexican dishes.

The inter-denominational Religious Centre is one of the most visually interesting buildings on the campus. You may chance upon a wedding, a mass or eucharist, a Buddhist festival, or a chamber music recital. But don't be deterred. There's another smaller chapel, and a series of vestries or meeting places where you will find solitude.

For art lovers, and especially those



• This ornamental lake is a recent acquisition which made the most of the need to be neighbourly. It started out on the Dandenong Valley Authority's drawing board as a very mundane flood retarding basin. Tony Miller took this photo with the Menzies Building in the background.

who want to experience the Monash perception of contemporary art, there is the spanking new Monash University Gallery, which opened recently with a definitive Russell Drysdale collection.

If you are a ramblor, a communter-with-nature or a jogger, the university's 100-hectare site provides nature trails, walks, ovals to run round and paths to pursue through the native flora and around the new man-made lake. Bird life abounds.

With the "captive audience" of the Monash community of 17,000 students and staff, the Friday market is a busy commercial venture.

You can browse — and perhaps buy — at the university's large book shop. Among the shelves of text books and the weighty tomes you would expect to find is a large general section, a section on women's interests and a collection of children's books. The book shop also sells stationery.

For the fit and the foolhardy — two events to remember

For the very fit, or very foolhardy, two triathlons will be staged at Monash this year with the home team expected to be the early favorites.

Heading the local contingent is Gregor Brownlee, the man who won all three triathlons held at Monash last year.

Gregor, who was then studying at Melbourne University, has now transferred to Monash and is in the second year of an Economics degree.

Each triathlon will consist of a 500 metre swim, 15 kilometre cycle race and a five kilometre run.

Organiser Ron Sawyer from the

Monash Computer Centre says Gregor's "defection" has given the campus "the competitive edge".

"Last year Melbourne had the better athletes, but I'm confident this year we can knock them off," he said.

The triathlons are open to all comers. Mr Sawyer expects a number of entries from La Trobe, Melbourne and Deakin, as well as from non-students.

"Last year we had everyone competing, from the Victorian junior champion to a 45-year-old mother of three.

"She was a swimming teacher who had taken up cycling and just wanted to try out a triathlon.

"We are limited to 200 places for each event, because that's all we'll be able to

fit in the swimming pool.

"It will be a case of accepting competitors as they send in their entry forms, but we should be able to cater for everyone."

This year prize money for both events will total \$1000.

"The winning man and woman will each receive \$125 from the Credit Union, and we have a number of other sponsorships as well," Mr Sawyer said.

Both the cycle and the run will be held on the Ring Road around the university grounds. The first event is on June 14 and the second on July 26.

Entry forms are available from the Union desk, and the Sports and Recreation Centre.

DON'T FORGET CAREERS DAY

Careers Day will be held this year on Sunday 14 June from 1-4pm. Activities will be concentrated around the Menzies and Union Buildings. Prospective students will be able to obtain information about courses, accommodation, finances (including Austudy) and special university entrance schemes. Inquiries about the day's activities can be directed to Sue Ackerley at the Careers and Appointments Service on ext. 3150.

Union is commercial and social centre

Monash University's Union is the commercial and social centre of the campus. The Union Building houses a variety of businesses, including a credit union, banks, bookshop, a pharmacy, a post office, hairdressers, dry cleaners, a health food shop, a specialised grocery store and a record shop.

Offices are provided in the Union Building for larger student organisations such as the Monash Association of Students, the Clubs and Societies Council, and the Monash Association of Graduate Students, as well as for student services such as Housing, Careers and Appointments, Counselling, Health Services, the Students Financial Adviser and the Chaplaincy.

The building is also the most important centre for food outlets on campus, housing both those operated by its own

Union Catering Service (cafeterias, take-away stalls and a private function facility) and other independent outlets such as the student-run Wholefoods Restaurant and the Monash Health Food Shop.

Membership of the Union is a prerequisite to use its facilities, but visitors to the campus attending conferences or seminars, or just trying to get the feel of Monash, are not usually barred from sampling student fare.



Irene keeps stall-holders in their place

The painted lines on the ground between the Union Building and the Arts and Craft Centre are the work of Mrs Irene Burton, who serves behind the counter in the post office.

She suggested the lines be painted after many years of watching Australia Post truck drivers weave through the busy Friday market stalls.

"If stall owners stay out of the lines when they no longer have to feel in danger of being bowled over and the truck drivers have easy access," said Mr Dennis Hennaquin, manager of the post office.

"Irene has made many worthwhile suggestions to improve workers' safety and customer service.

"She's not like others who only make suggestions if it is their job to or if they can benefit from it.

"If anything needs doing, then she goes and does it," he said.

Mr Hennaquin said customers asked after Mrs Burton when she was away and many passed on good wishes if she was sick.

"Customers are very special to me," Mrs Burton said.

"If you are friendly to people then

they will be friendly in return, and you get more out of your day that way.

"It's great to receive compliments because then you see the little extras are appreciated."

Mrs Burton, who has been at the

Monash Post Office for eight years, is eligible for nomination for an Australia Post Award for Excellence.

This award is designed to recognise a worker's efficiency, safety consciousness, initiative and service to customers.

University Careers counsellors, Ms Susan Ackerly and Ms Jenny Baldwin, said Irene always took the trouble to help customers with queries.

"She is an excellent frontline person," Ms Ackerly said.



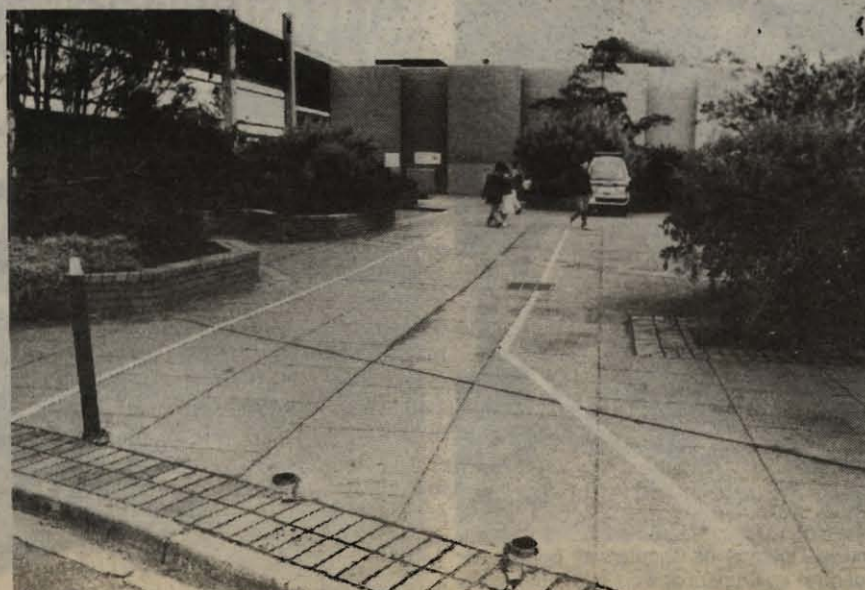
● Right: Mrs Irene Burton dispenses good cheer with the postage stamps. Below right: These painted lines show the way and keep stall-holders within limits. Photos — Richard Crompton.

Antigone as a joint production

Anouilh's *Antigone* will be presented on Friday (5 June) at 7.30pm in the English Drama Studio.

A joint production by the departments of English and Classical Studies, the play is directed by Dennis Davison with a cast which includes Melissa McDiarmid (*Antigone*), Saul Bastomsky (*Creon*), Nick Sekunda, Ian Worthington, Lyn Wilson, Sheila Vance and Cathy Peake.

Bookings at \$2 each (including food and drinks) can be made at the English department's office, Room 707, Menzies Building, or through the department of Classical Studies.



● The Friday market has long been a tradition at Monash, and each week there are paintings, pottery, leatherwork, jewellery, clothing, plants and novelty items for sale in the courtyard area behind the Union.

Great theatre in the heart of the suburbs

The Alexander Theatre is certainly there to fill the university's needs, but its "busy-ness" today stems from its efforts to fill the need for theatre off the campus.

First, it is providing community groups with a resource they can use themselves for 'do-it-yourself' productions.

As one of the best-equipped theatres in the suburbs, it has a fly-loft which houses 27 sets of counter-weighted lines, stretching to 15.2m high. This enables scenery as high as 7.6m to be flown out of sight.

It has a forestage lift. Part of the apron of the stage consists of a mechanical lift measuring 9m by 3m, which can be lowered 3m to the level of the understage workshop. The lift is also used as an orchestra pit.

Secondly, "the Alex" provides a source of quality adult theatre outside Melbourne — an alternative place to go.

The theatre's reputation in children's theatre spreads far beyond the university and the Clayton area.

It has three major productions a year during school holidays; conducts a Saturday Club; and it is experimenting now with a children's theatre workshop to give children hands-on experience — a grounding in voice production and stage movement, stage techniques and lighting.

Performances this half year will include for children: *The Gingerbread*

Man (June 2/July 11), an Alexander Theatre production and *Tales of Christopher Robin* (Sept. 23/Oct. 3) Young Dancers Theatre; for schools: *Noddy Comes to Town* (July 27/Aug. 8); for adults: *Agnes of God* (Aug. 31/Sept. 5) West Gippsland Arts Centre and *Evita* (Oct. 23/Nov. 7).

The Alexander Theatre gives tangible expression to the words of the Australian philosopher, Samuel Alexander, that academic work is a form of citizenship, strengthening the "organic connection" of university, city and district.

It was opened in March, 1967 by the then Minister for Education and Science, Senator John Gorton. Designed by Rod Macdonald and Rolf Koren, it was built at a cost of \$500,000. With its

white fly-tower and associated circular cluster of smaller lecture theatres, it presents a dramatic external appearance.

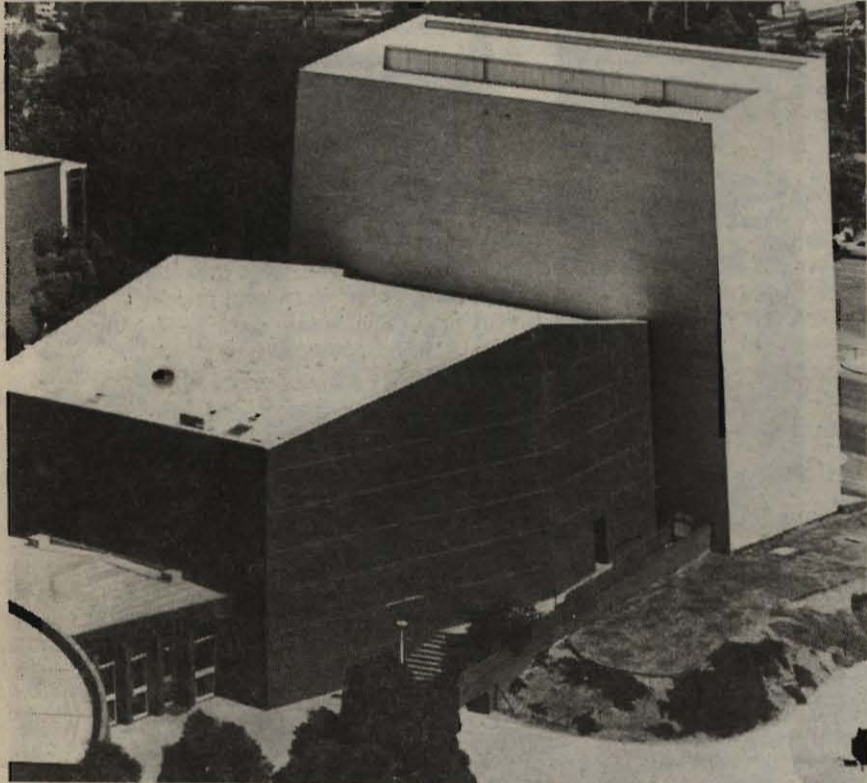
The auditorium holds 508 people, but up to 200 more can be seated on and around the stage area.

The modern, comfortable seats are arranged so every member of the audience has an almost perfect view of the stage.

The stage is set comparatively low so that when the curtain is raised, the theatre appears as a large undivided room.

Variable masking is used to reduce the large opening to the modest sizes required by certain types of performance.

CONTACT: Mr Phil A'vard, Manager. Phone 565 3991.



• Above: The "Alex" with its extraordinary fly-tower. Below: "Toad" from *Wind in the Willows*, presented last month by the Marionette Theatre of Australia.



• It was audience participation with a difference when the children from the Saturday Club had to rush on-stage, join hands and shout to make the candles work on this giant birthday cake. The Saturday Club involves children in theatre from an early age.

Needy students will meet your needs

The job was just one of 15,000 on the books — or should we say the computers — of the Student Employment office.

The girl at the counter was just one of 7000 students the office had placed in temporary work in the past year.

Yet the whole office rejoiced with her. Obviously she was known to the employment office. A real trier.

She was over-qualified for the job, but it was work at hours that suited her, and, like most students everywhere, she needed the money. Why wouldn't everyone, including her new employer, be happy?

Perhaps your children are having study problems. There could be a student living a few doors away from you who is willing and able to tutor them in a variety of subjects for a reasonable fee — from \$8 to \$11 an hour.

Wanting a baby-sitter, a gardener, a barman or a barwoman, shop assistant, or a team of people to do a job in a hurry (anything except robbing a bank)?

Then ring the Student Employment Office on 565 4170. If after hours, please leave your telephone number and a message.

The Student Employment Office has registered the names, qualifications and mobility (with own car or without) of all students wanting part-time or holiday work.

They have a computerised list of the personnel officers or managers of hundreds of companies (many of them in the local area) who make good use of Monash as a source of intelligent, hard-

working labor.

So efficient is the system that details of all job-seeking students in a particular postal district can be made available to a potential employer in that district.

It is not uncommon for the student to be matched with a job in the street in which he or she lives. In one instance, a parent wanting a language tutor found one over his back fence.

And Monash is just over your fence. CONTACT: Mrs Irmgard Good, 565 4166.

STUDY WORRIES?



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A.H. PHONE 541 3097 AND LEAVE A MESSAGE



The Lighthorsemen is one of many surprises

Monash never ceases to surprise the visitor.

Would you, for instance, expect to chance upon a 60-piece orchestra recording the musical sound track for *The Lighthorsemen*, a new big-budget Australian film in the ever-so-dignified Robert Blackwood Hall?

Yet so good are the acoustics and the supporting facilities at the Great Hall of Monash that it is used by the campus or the community on 320 days of the year.

Sir Roy Grounds, architect for the Melbourne Arts Centre, designed the hall.

In his speech at the laying of the foundation stone in February 1969, the then Vice-Chancellor, Dr Louis Matheson told how the site was chosen.

He said he and Roy Grounds had been sitting in the Vice-Chancellor's office on a typical Melbourne summer evening, with the setting sun casting a light that made the night extraordinarily beautiful.

Dr Matheson turned to the architect and said: "We want you to design our Great Hall, and it's going there."

Sir Roy looked out at the grass, flowering gums and an old football field, and Dr Matheson recalls he could

actually see the flash of inspiration that entered the architect's mind.

Today the acclaimed design of the hall features the Leonard French window, 16-sided, 7.3m in diameter, and made up of 41 stained-glass units representing the ceaseless momentum of endeavour and creation.

The hall's Louis Matheson pipe organ, built by Jurgen Ahrend, has been described as one of the great organ monuments of the 20th century. It was installed in 1980.

The hall seats 1360 people, with almost perfect sightlines to the stage from all seats.

Next May it expects to take delivery of a harpsichord, being made in New South Wales by Bill Bright.

Robert Blackwood Hall stands at the centre of university tradition, the venue for the time-honored pageantry associated with official ceremonies.

Students, in their pursuit of academic honors, have sat in the hall during the daunting solemnity of examinations to return later and enjoy the unbridled jubilation of graduation.

As a window on the university the hall is seen to be hosting a wide range of activities from the Melbourne Symphony

Orchestra's *Perspective Series*, through concerts and speech nights by 30 private schools and colleges, to commercial concerts, conferences, and even body-building championships.

Visiting dignitaries, including royalty, have graced the hall, and the Visitor's Book shows that the self-styled multi-

media megastar her/himself has also been there: the signatures of Barry Humphries, Dame Edna Everage and Sir Les Patterson appear for all to see.

Robert Blackwood Hall is now taking bookings three to four years ahead.

CONTACT: Mr Harold Karpin, manager. Phone 565 3091.



Below: The Melbourne Symphony Orchestra in action at Robert Blackwood Hall. The Louis Matheson pipe organ, built by Jurgen Ahrend, is in the background. Right: The foyer has an air of soaring spaciousness.



Helping to track career pathways

Maintaining links with the community is probably more important for Monash's Careers and Employment Service than for any other outreach arm of the university organisation.

Off-campus the careers service deals mainly through schools or people associated with schools, and then with employers.

It visits 300 schools a year providing information and advice and telling students what to expect when they enter a tertiary institution.

As part of the Junior University Program it has had up to 300 students in residence experiencing the system.

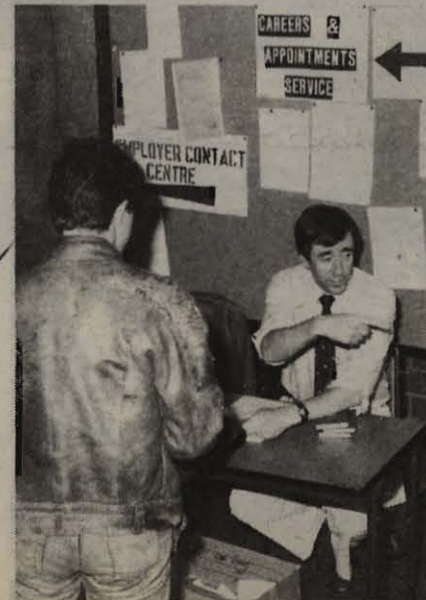
It has also directed its energies to a schools' link program involving schools that have a low participation rate in tertiary education, in a bid to raise the motivation of pupils.

This is aside from the bread and butter work of bringing information about job vacancies to graduates or final year students, and obtaining work experience for undergraduates.

The service last year established an Employer Contact Centre, bringing 16 employers on to the campus for three days during student re-enrolment.

Those re-enrolling into second and third year courses needed to give early thought to career planning, the service said.

CONTACT: Lionel Parrott. Phone 565 3150.



• Careers counsellor, Bryan Barwood, gives a helping hand at the Employer Contact Centre.

Fraud in science: lecture

Scientific fraud will be one of the subjects discussed in the Mannix College 1987 lecture series on the History and Philosophy of Science.

Dr Jan Sapp from the University of Melbourne will speak on *Perceptions of deceptions: Fraud in science* on Tuesday, 7 July.

The series will begin on Tuesday, 9 June, with *Science and Empire — the British experience*, by Dr Robert Stafford, research fellow at the University of Melbourne.

This will be followed on Tuesday, 16 June by a talk on *Women in chemistry to 1960 — ignored, invisible and idiosyncratic*, presented by Dr Irene Irvine, policy analyst at the Swinburne Institute of Technology.

On Tuesday, 23 June, Dr John

Jenkin, Reader in the department of Physics at La Trobe University will speak on *The slow maturation of a great scientist: W.H. Bragg's physics in Adelaide, 1886-1909*.

Professor Harold Attwood, curator of the Medical History Unit at the University of Melbourne will present *Matthew Baillie's Atlas of Morbid Anatomy (1799-1803)* on Tuesday, 30 June, and the series will conclude on Tuesday, 14 July, with a talk by Dr John Stillwell, senior lecturer in Mathematics at Monash, on *Mistakes — their role in the development of mathematics*.

The lectures will all begin at 8.15pm in the college's Senior Common Room on the first floor of the Administration Building, Wellington Road. Refreshments will be served and all visitors are welcome.

Indian, British – or somewhere between?

The novelist and poet, Rudyard Kipling, lived a lie.

The man who wrote *Kim*, *The Jungle Book*, the *Just So* stories and much more, saw himself as a proud Englishman.

"That's the way he is remembered," says Mrs Gloria-Jean Moore, who organised *The best of both worlds* exhibition now on in the Monash Main Library.

"He was, in fact, an Anglo-Indian — born in India but educated in England.

The best of both worlds introduces many famous people like Kipling in a new light — as Anglo-Indians.

It includes rare photographs of such notable Anglo-Indians as the man who planned Adelaide, Colonel William Light, singer Cliff Richard, actress Merle Oberon and Lieutenant Colonel Marjorie Shaw, the war heroine who was captured by the Japanese after the fall of Singapore.

• Mrs Gloria-Jean Moore, who organised *The best of both worlds* exhibition now showing in the Monash Main Library. Much of the material came from her own collection.

Most of the material came from a private collection belonging to Mrs Moore, author of *The Lotus and the Rose* and *The Anglo-Indian Vision*, and herself an Anglo-Indian.

She says: "These descendants of British men were deeply loyal to the traditions of their fathers' country."

"They were educated in schools based on the British system and received a Christian upbringing.

"The British felt a responsibility towards them which was mutual — during the Raj the Anglo-Indians contributed to the consolidation of the empire."

The exhibition covers more than 400 years of Anglo-Indian history through the privileged years of the early 1700s, the prejudice of the late 19th and early 20th centuries, and the consequences of independence.

"The largest group understandably moved back to England after indepen-

dence, although Canada and Australia received roughly equal numbers."

(It is believed that about 50,000 migrated to Australia.)

A small population of Anglo-Indians remain in India, although they no longer enjoy a middle-class lifestyle "with no questions asked".

"While a few have become generals or

air vice-marshals, others suffer from severe poverty," Mrs Moore said.

"Reports from as far back as the 1800s suggest that many Anglo-Indians returned to Britain to escape the conflicts of India."

The best of both worlds exhibition will continue until 21 July.



JUNE DIARY

ALEXANDER THEATRE

- 3: **MUSICAL** — "Fiddler on the Roof" pres. by Caulfield Grammar School. 7.30pm nightly until 5 June.
- 6: **CHILDREN'S PLAY** — "J.G. Specs and Angie". (Saturday Club Blue Series). 2.30pm.
- 13: **CHILDREN'S PLAY** — "Basil Bunyip's Safety House Adventure" (Saturday Club Red Series). 11.30am.
- 18: **MUSICAL** — "Merrily We Roll Along", by Stephen Sondheim. Pres. by Monash Uni. Music Theatre Company. 8pm nightly until 27 June. Matinee 27th 2pm.
- 30: **SCHOOL HOLIDAY ATTRACTION** — "The Gingerbread Man" by David Wood, daily 10.30am, 2 pm. Alexander Theatre inquiries, reservations: 565 3992

ROBERT BLACKWOOD HALL

- 1: **LUNCHTIME CONCERT** — Works by Mozart, Lutoslawski, Albeniz and Saint-Saens perf. by Ronald Woodcock (violin) and Colleen Rae-Gerrard (piano). 1.15pm. Admission free.
- 13: **EVENING CONCERT** — The Croydon Concert Band and the Eltham Concert Band perf. works by Shostakovich, Mozart, highlights from Man of La Mancha and Chess and selections from Andrew Lloyd-Weber. Adults \$10, child \$7. Inquiries: 878 1057 AH.
- 15: **LUNCHTIME CONCERT** — Works by George Gershwin, Jerome Kern, Keith Jarrett and Chick Corea pres. by Tony Gould Trio. 1.15pm. Admission free.
- 20: **EVENING CONCERT** — "Perspectives Concert No. 2". Melb. Symphony Orchestra conducted by Ronald Zollman. Academic Festival Overture (Brahms); Double Concerto (Brahms, Myrrha); Cantata (Ravel, Alyssa); Cantata (Ravel). 8pm. Admission: \$19, \$15.50 and \$12; concessions available.

- 21: **AFTERNOON CONCERT** — The Australian Choral Association pres. "Cinderella Dressed in Yella", a festival of children's choirs conducted by Eric Austin Phillip. Adults \$12, conc. \$4, family \$25. Inquiries: 259 9544, 819 3758.
- 22: **LUNCHTIME CONCERT** — Organ Recital by Douglas Lawrence: Fantasia in G Minor (J.S. Bach); Trio Sonata No. 1 in E flat major (J.S. Bach); Chorale Prelude "O man bewail thy grievous sin" (J.S. Bach); Passacaglia and Fugue in C minor (J.S. Bach). Admission free. Inquiries — RBH booking office: 544 5448

MONASH UNIVERSITY GALLERY

- 9: **EXHIBITIONS** — "Thief's Journal", a three-part installation by Julie Brown-Rrap, and "The Glamour Show — Studio Photographs 1925-55", from Australian National Gallery. Open 10am-5pm, Tues.-Fri., 1-5pm Sat. until 10 July.
- 17: **EXHIBITIONS FORUM** — Speakers: Helen Ennis, Beatrice Faust, Linda Hicks, Jennifer Phipps. 1pm, Gallery Theatre. Admission free. Inquiries: ext. 4217, 4211.

LECTURES, SEMINARS, EXHIBITIONS

- 1: **EXHIBITION** — Books and Pictures relating to Anglo-Indian History and Life. Main Library. Until 21 July. Inquiries: ext. 2699
- 3: **SEMINAR** — "The Case of the Stolen Jumbuck: Ideologies in Australian Crime Fiction", by Prof. Stephen Knight. Room 310, Menzies Bldg. 3.15pm. Inquiries: ext. 2979
- MANAGEMENT SEMINAR** — "Developments in Manufacturing industry in Victoria", by Michael Connell, Australian Chamber of Manufacturers. R3, 6.15pm. Admission

- free. Inquiries: ext. 2368, 2400.
- 4: **LECTURE** — "Aboriginal Organisations", by Ms P. Bamblett. R6 1pm. Inquiries: ext. 3244.
- RECITAL** — Wind and String Ensemble dir. by Marco van Pagee. Mozart and Mendelssohn prog. 1.10pm. Religious Centre. Admission free. Inquiries: ext. 3160.
- SPACE ASSOCIATION MEETING** — "Aussat Satellite Launches", by Dr Gordon Pike. R3 7.30pm. Admission free. Inquiries: 722 5804.
- 9: **1987 HARTUNG YOUTH LECTURE** — "Computer Design of Chemicals", by Professor Peter Andrews. Alexander Theatre. 7pm. Admission free. Inquiries: ext. 4531
- LECTURE** — "Science and Empire — the British Experience", by Dr Robert Stafford. Senior Common Room, Mannix College. 8.15pm. Inquiries: ext. 3583.
- 10: **PERFORMANCE** — "Kapai-Kapai", pres. by students from Dept. of Indonesian and Malay. Union Theatre. Until 11th, daily 1pm. 10-11th 7.30pm. Admission: Adults \$5, Conc. \$3. Inquiries: ext. 2230, 2232.
- MANAGEMENT SEMINAR** — "The Government's Economic Strategy", by Hon. Rob Jolly, MLA, Victorian Government Treasurer. R3 6.15pm. Admission free. Inquiries: ext. 2368, 2400
- 11: **RECITAL** — "Il Sole Barocco" early music ensemble. 1.10pm. Religious Centre. Admission free. Inquiries: ext 3160.
- 11: **LECTURE** — "Koories and Education", by Mr I. Brown. R6 1pm. Inquiries: ext. 3244
- 16: **SEMINAR** — "Religion and Ethnicity in a German Migrant Community", by Prof. P. Koeppling. 1pm R3. Admission free. Inquiries: ext. 2958, 2428
- 16: **LECTURE** — "Women in Chemistry to 1960 — Ignored, Invisible and Idiosyncratic", by Dr Irene Irvine. Senior Common Room, Mannix College. 8.15pm. Inquiries: ext. 3583

- 17: **SEMINAR** — "The Post-Modernity of Modernity; Hegel and Adorno on the end of Art" by Dr David Roberts. Room 310, Menzies Bldg. 3.15pm. Inquiries: ext. 2979
- MANAGEMENT SEMINAR** — "Financial support for economic development in Victoria" by Greg Miles, Victorian Economic Development Corp. R3 6.15pm. Admission free. Inquiries: ext. 2368, 2400
- 18: **RECITAL** — "Buxtehude on the Harpsichord", by Harold Fabrikant. 1.10pm. Religious Centre. Admission free. Inquiries: ext. 3160
- LECTURE** — "Aboriginal Unemployment", by Mr T. Smith. R6 1 pm. Inquiries: ext. 3244
- 22: **WORKSHOP** — Dorothy Hewett, poet and playwright, will conduct a Writers' Workshop. Room 803 Menzies Bldg. 1.10pm. Inquiries: ext. 2137
- 23: **LECTURE** — "The Slow Maturation of a Great Scientist: W.H. Bragg's Physics in Adelaide", 1886-1909", by Dr John Jenkin. Senior Common Room, Mannix College, 8.15pm. Inquiries: ext. 3583
- 24: **SEMINAR** — "Foucault v. Derrida: The Case of Daniel Deronda", by Dr Simon Doring, Room 310, Menzies Bldg. 3.15pm. Inquiries: ext. 2979
- WORKSHOP** — Dorothy Hewett, reading and discussions of her own work. Room 803. Menzies Bldg. 4.15pm. Inquiries: ext. 2137
- 25: **LECTURE** — "Aborigines and Criminal Law", by Mrs G. Bird. R6 1pm. Inquiries: ext. 3244
- RECITAL** — Monash Uni. Choral Society, cond. Andre De Quadrof. 1.10pm. Religious Centre. Admission free. Inquiries: ext. 3160
- WORKSHOP** by Dorothy Hewett. Reading 1.10pm. R3. Inquiries: ext. 2137
- 30: **LECTURE** — "Matthew Baillie's Atlas of Morbid Anatomy (1799-1803)", by Prof. Harold Attwood. Senior Common Room, Mannix College. 8.15pm. Inquiries: ext. 3583.

An engineer by any other name ...

Asbjorn Baklien jokes that the department of Mechanical Engineering should be re-named the department of Design Engineering so more women would elect to study in it.

"That's not such a silly suggestion when so much of what the department does is design-oriented."

"This not only appeals to girls, but they're good at it too," he said.

Professor Baklien, who holds the ICI-Monash joint chair in Industrial Chemistry, is heading a State Government working group to encourage more girls (and boys) to study science and maths through to the end of Year 12.

The working group was set up by the Education Minister, Ian Cathie, after an initiative from the Department of Management and Budgets.

"That department had formed a technology development strategy for Victoria which was dependent on an increased number of scientists and engineers," said Professor Baklien.

"Very few girls seem to do physics and maths.

"Some do chemistry and a lot do biology, which has no great place in the

sort of disciplines we need to encourage at the tertiary level.

"The community attitude to science and technology is not as positive as it should be.

"We take technology for granted and we're not terribly interested beyond that," he said.

"Many parents don't recognise the professions of scientist, technician or engineer as being worthwhile for their sons and daughters.

"They are not well paid compared to lawyers, accountants or professional businessmen.

"A Ph.D who has spent seven years studying since high school could earn up to \$27,000 a year.

"An MBA at a similar age could be earning \$40,000."

Professor Baklien says the working party will be identifying a number of issues before it reports back to the minister at the end of June.

"The problems in high school, but it starts at primary level; 12-year-olds are usually leaving primary school without doing any science at all," he said.

"Science is not compulsory and few primary teachers seem to want to touch the subject. The working group will be looking at how that situation can be improved."

Professor Baklien notes that maths and science, like foreign languages, are subjects requiring sequential learning.

"A child is best at memorising and learning between the ages of eight and 16; after that learning gets harder," he said.

"But these years are not the ones in which we are pushing our young children. We are merely asking them to have fun.

"Then we realise there are only two years of school left, and there is all the hard work, which could have been done more efficiently at an earlier age."

The professor concedes there is a shortage of well qualified maths and science teachers in the school system, and as the number of students increases resources will be stretched even thinner.

"I come from Norway, and am very familiar with the Scandinavian countries and Germany and Switzerland where there are very different attitudes," he said.

"Science and technology is regarded as part and parcel of what the community has today; scientists are much better paid and the study of the subjects starts much earlier.

"Technologically speaking, they are very highly developed countries. We live in a competitive world and if we don't do something now we will become the banana republic our friend in Canberra (Paul Keating) talks about."

Professor Baklien says Australia's standard of living was among the top three in the world 20 years ago, but it is now coming in at around number 20.

"We are already the poor cousins," he said.

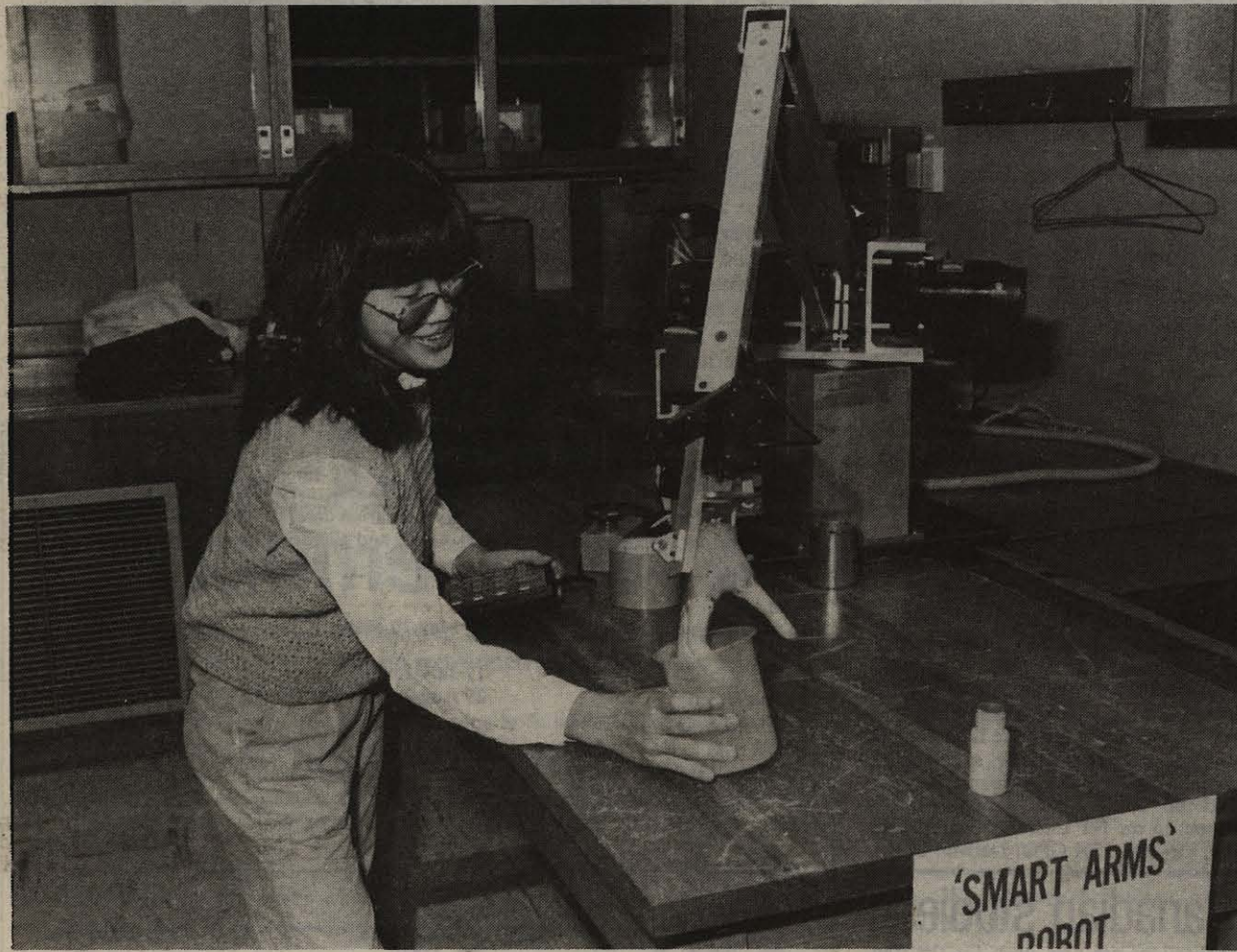
Although the working group has only had a matter of months to report on the problem, instead of two years Professor Baklien believes the project deserves, he is confident of making some good recommendations to the Minister.

"We will be able to look at the situation thoroughly and we are sure our recommendations will be good.

"However, they may not all be acceptable," he said.



Below: Fourth year Mechanical Engineering student, Jean Lim. "Girls must be encouraged to become engineers," says Professor Baklien, above.



Bicentenary may see change to constitution

Since the 1920s, Australia's top legal minds have directed themselves to the enormous task of reviewing the constitution.

But successive academic overhauls throughout the last 60 years have failed to have an impact, and the constitution has survived relatively unscathed since federation.

However, a new constitutional commission which will make its recommendations to the federal government by the middle of next year is confident that some progress may at last be made.

One of the five members of the commission is Professor Enid Campbell of the Faculty of Law, who says the task of looking at the myriad powers covered by the constitution has been broken down into advisory committees.

While only the judiciary committee has so far made its report, Professor Campbell says the public will soon have an indication of the kinds of recommendations that might eventually be

made.

"Under the present constitution, the constitution can't be amended.

"To do that there must be a bill presented to federal parliament, passed, and then formulated into referendums to be put to the Australian people," she said.

"The referendums must be passed by both a majority of people overall, and a majority of states.

"Experience has shown that, because of these requirements, the constitution is very difficult to change."

Professor Campbell says the first referendum put to the Australian public was in 1904, and the last in 1984. Out of those eight were successful, and 38 have failed.

Nonetheless Professor Campbell and her learned colleagues are confident

their recommendations will not end up on a dusty library shelf.

"The first major review was held in 1928-29 by a Federal Royal Commission, the next in 1958-59 was by a joint parliamentary committee on constitutional review," she said.

"Most recently we've had a review by the Australian constitutional convention, consisting of state and federal parliamentarians. That did a lot of useful work which we are drawing upon."

Professor Campbell says there is a greater public awareness now of the constitution.

She bases that claim on the numbers of people taking up a government body's offer of free copies to any interested parties.

"Some members of the commission have spoken to various associations around the country, like the CAA and Rotary clubs, but there is a limit to the

extent that we can repair the gaps in people's general education."

A recent Newspoll study done by *The Australian* shows 70 percent of people aged 18-24 are not aware the constitution exists.

"We've undoubtedly had a higher profile as a commission than those other bodies I've mentioned.

"I hope our work won't end up in some library but I think the selection of 1988 as the time for us to report is significant.

Monash Reporter

The next issue will be published in the first week of July, 1987. Copy deadline is Friday, June 19 and early copy is much appreciated. Contributions (letters, articles, photos) and suggestions should be addressed to the Information Office, University Offices, or ring ext. 2085.

Visit by top Chinese V-Cs



● Monash recently played host to the most senior Chinese academic delegation to visit Australia. The group of six university Presidents and Vice-Presidents visited 12 universities in five states. While at Monash, they had meetings with the Vice-Chancellor, Professor Mal Logan; Deputy Vice-Chancellor, Professor Ian Polmear; the Registrar, Mr Tony Pritchard and faculty representatives. Our photograph shows, from left, Acting Professor Richard Fox of Law; Professor Shen Zu Yan from Tongji University; Professor John Hay, Dean of Arts; Professor Wang Run from Beijing University of Iron and Steel; Professor Qu Mian Yu from Beijing University of Medical Sciences; Professor Gus Sinclair, Dean of Economics and Politics; Professor Wang Dezi from Nanjing University; Professor Richard Tisher of Education; and Mr Ni from the Chinese Embassy in Australia.

IMPORTANT DATES

The Registrar advises the following important dates for students in June:

- 1 Second Term begins
Second Term begins for Medicine I, II, and III
Last day for discontinuance of a subject or unit taught and assessed in the first half-year for it to be classified as discontinued (excluding Dip.Ed.Psych., B.Ed.St., and M.Ed.St.) If a subject or unit is not discontinued by this date, and the examination is not attempted or assignment work is not completed, it will be classified as **FAILED**. In exceptional circumstances the dean may approve the classification of a subject or unit as discontinued between 1 June and the end of the appropriate teaching period.
- 3 Graduation Ceremony — Arts
- 8 Queen's Birthday Holiday
- 12 First half year ends for B.Ed.St., B.Sp.Ed., Dip.Ed.Psych. and M.Ed.St.
Second teaching round ends Dip.Ed.
- 19 First half-year lectures in subjects and units taught by the Faculty of Economics and Politics ends
- 22 Applications open for entry to Bachelor of Social Work course (year III level) in 1988

- 26 Second term ends Dip.Ed.
First half-year topics in Mathematics end
- 27 First half-year ends for Medicine V and LL.M. by coursework
- 29 Mid-year break for B.Juris. and LL.B. begins

Literary awards

The Northern Territory government is inviting entries for 1987 for the Red Earth Poetry Award and the Arafura Short Story Award. Each has two sections. In the open, the prize is \$1000 and a medallion; in the Northern Territory section which has residency requirements, the prize is \$500 and a medallion. Entries must be submitted in triplicate by the due date, 4 August. Inquiries should be directed (in a self-addressed envelope) to the NT Literary Awards Committee, C/- Box 1701 GPO, Darwin, 5794.

Canadian studies

Applications are now open for the Canadian Studies Faculty Enrichment Awards program, which enables Australian or New Zealand academics (holding a Ph.D or equivalent) to devise and teach new courses in Canadian studies or to introduce Canadian content into existing courses. The awards provide assistance for Apex-type return air fare to Canada and an allowance to assist with living and travelling expenses in Canada for a period of not less than three weeks and not more than five weeks. Application forms are available from the Canadian High Commission in Canberra or from the Canadian Consulate-General in Melbourne. There are two closing dates: 15 July, 1987, and 31 January, 1988.

House exchange

A visiting McGill University academic wants to rent or exchange a house and car from 1 January to 1 June, 1988. A four bedroomed house is offered in Montreal within walking distance of the university and the city. Accommodation for two is required in Melbourne within reach of La Trobe University. Inquiries should be directed to John Bigelow, Philosophy department, La Trobe University, or by telephone to 479 2541 (business hours), 439 3414 (after hours).



George will be missed

George Bloom joined the university staff in 1969, working at first in the Finance Branch in the area of student fees and transferring later to Student Records when this branch took responsibility for the collection of Union fees after tuition fees were abolished.

He has thus been at Monash for 17 years.

In 1986 he suffered a severe heart attack but returned to work following this. He suffered a further heart attack on Wednesday, 29 April, 1987, and died that evening.

A memorial service, attended by many members of the Monash staff among others, was held at Holy Advent Church in Armadale where George had played the organ for many years.

He had in fact played the organ at other churches as well and at one time was organist at Capitol Theatre.

He was also actively involved in the Scouting movement for many years, particularly with the *Gang*

Show and with the local Camberwell version of it.

His interest in theatre lighting also led him to work at the Princess Theatre, among other places, in this capacity.

At Monash he had the unenviable task of convincing students that they had to pay the Union fee and this of course, was not always met with enthusiasm by the students.

Those who tried to put it over George discovered that he was quite inflexible but those who came to him to discuss their problems met a ready and friendly response.

George Joyce
Senior Assistant Registrar

Coona-what a-bran?

Readers who enjoyed Mike Deakin's article on grammatical 'infixes' (*Monash Reporter*, May 6) would be interested in the name of the New South Wales town, Coona-bloody-bara-bloody-bran

Eric Laursen
Civil Engineering

VACATION DATES

The following are Monash University's vacation dates for the years 1988-1992, together with AVCC "Common weeks" and Victorian schools' holidays.

MONASH	AVCC	SCHOOLS
1988		
16 May-3 June	16 May-20 May	1 Apr-8 Apr 27 June-8 Jul
	11 July-15 July	
15 Aug-2 Sep	29 Aug-2 Sep	19 Sep-30 Sep
25 Oct-24 Feb, 1989		23 Dec-31 Jan, 1989
1989		
24 Mar-31 Mar (Easter Week)	27 Mar-31 Mar	24 Mar-31 Mar
5 June-14 Jul (Weeks 15-20)	3 Jul-7 Jul (Week 19)	26 June-7 Jul
18 Sep-29 Sep (Weeks 30-31)	25 Sep-29 Sep (Week 31)	25 Sep-6 Oct
30 Oct-23 Feb 1990		25 Dec-6 Feb, 1990
1990		
13 Apr-20 Apr (Easter Week)	16 Apr-20 Apr	13 Apr-20 Apr
4 June-13 Jul (Weeks 15-20)	2 July-6 Jul (Week 19)	2 Jul-13 Jul
17 Sep-28 Sep (Weeks 30-31)	24 Sep-28 Sep (Week 31)	24 Sep-5 Oct
29 Oct 1990-1 Mar 1991		24 Dec 1990-5 Feb, 1991
1991		
29 Mar-5 Apr (Easter Week)	1 Apr-5 Apr	29 Mar-5 Apr
10 June-19 Jul (Weeks 15-20)	8 Jul-12 Jul (Week 19)	1 Jul-12 Jul
23 Sep-4 Oct (Weeks 30-31)	30 Sep-4 Oct (Week 31)	23 Sep-4 Oct
4 Nov 1991-28 Feb 1992		23 Dec 1991-4 Feb 1992
1992		
17 Apr-24 Apr (Easter Week)	20 Apr-24 Apr	17 Apr-24 Apr
8 June-17 Jul (Weeks 15-20)	6 Jul-10 Jul (Week 19)	29 Jun-10 Jul
21 Sep-2 Oct (Weeks 30-31)	28 Sep-2 Oct (Week 31)	21 Sep-2 Oct
2 Nov 1992-26 Feb 1993		23 Dec 1992-2 Feb 1993

Go bush with Woolly Bulls

Why join them if you can beat them? The sounds of Aussie music will ring forth from the Monash University Club on American Independence Day (July 4, if you need to be told).

The five-piece Woolly Bulls bush band will conduct the evening's entertainment, with on-the-spot dance lessons.

The night begins at 7.30 with a Happy Hour and food will be on hand to help keep up your strength (a buffet dinner, that is, beginning at 9pm). Liquid refreshments, of course, will be available.

Tickets at \$15 each can be bought through club committee members or the club office. Group bookings are welcome, but be quick.

'Supernova' keeps scientists on their toes

At the CSIRO offices in the Sydney suburb of Epping, scientists in the Division of Radiophysics are a little bit jumpy every time the phone rings.

They're waiting to be told by colleagues at the radiotelescope at Parkes the precise moment the "Supernova", discovered last February, bursts into life as a radio source.

Australia will be playing a vital role in researching this phenomenon, in which Monash senior lecturer in Chemistry, Dr Peter Godfrey, also holds a key position.

Dr Godfrey is a member of the Australia Telescope Scientific Objectives Committee. The project will provide the greatest link up of radio telescopes ever seen in the southern hemisphere to monitor the progress of the "Supernova".

"Radio telescopes are set to capture this event, the first of its kind in the history of radio astronomy," Dr Godfrey said.

"A number of theories abound as to when this 'break-out' will occur. Perhaps in a month, perhaps in six months. People are literally just sitting by the phone waiting for it."



● Dr Peter Godfrey

Dr Godfrey says the CSIRO has abandoned its usual observation program to be on standby for the Supernova research.

"We have a number of radio telescope antennae around Australia, but not the right kind of receivers, so the Americans and Europeans have donated and installed their receivers at every possible point."

The Supernova is an exciting stimulus to the radio-astronomy fraternity in Australia. The telescope system, which will effectively link the Eastern seaboard from northern New South Wales to Tasmania, is a Bicentenary Project and will be officially opened next year.

"For this particular phenomenon, we also have links in Alice Springs, so we have a good east-west coverage as well," Dr Godfrey said.

While debate still surrounds the issue of who actually discovered the Supernova, Dr Godfrey says the first picture of it was taken in the Coonabarabran district of NSW.

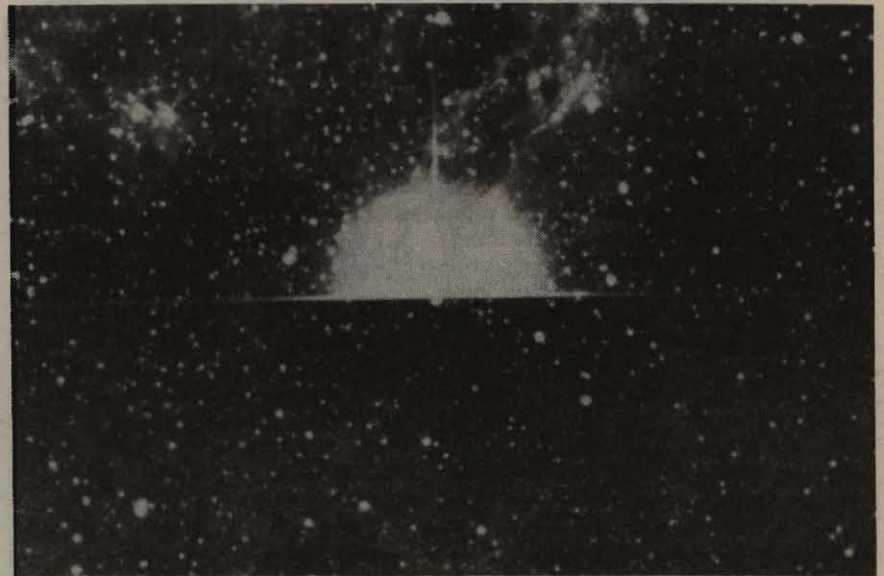
"The capabilities of these telescopes are such that they can make pictures of regions of the sky with a fineness of detail 100 times better than anything at present available from any earth based optical telescope," he said.

The budget for the telescope, which will not be fully operational for some years, is now \$35 million.

Dr Godfrey claims the project will evolve and until it is completed will provide information to astronomers on a piecemeal basis.

"It will help scientists answer some ongoing problems in various areas of astronomy," he said.

"One is the formation of stars. We will be able to follow the collapse of a



gas cloud and its subsequent formation into a star.

"We will be able to map out events in distant galaxies. At the moment we are aware of some violent processes taking place in these galaxies.

"It will provide a tremendous stimulus in the development of theories and the testing of theories held about our galaxies.

"Normally it is hard to get people interested in science, but there is an inherent curiosity in everyone about astronomical matters."

Dr Godfrey has also just presented the world wide scientific findings of research into Halley's Comet, to the Australian Space Association.

"I was involved, along with Professor Ron Brown, in co-ordinating radio astronomy observations in the Southern Hemisphere.

"I was fortunate to receive reports from all over the world on all forms of astronomical science done on the comet.

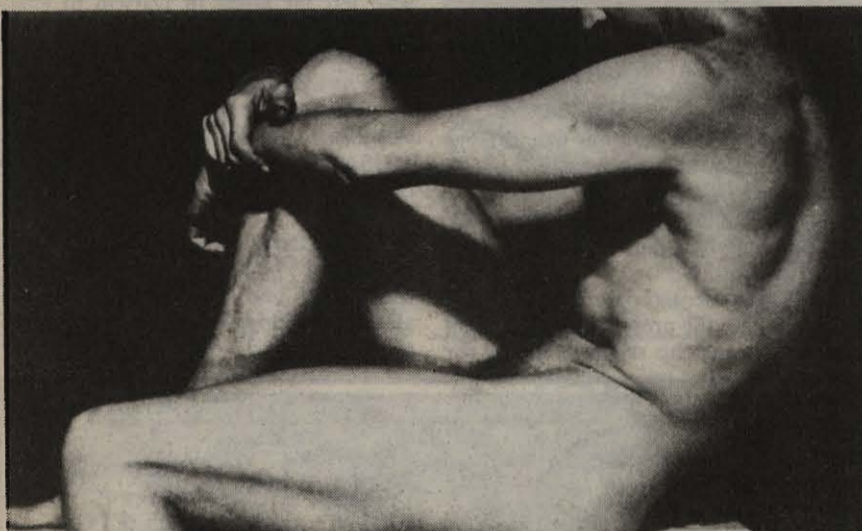
"Only a few people have managed to

see an overview of the results.

"We have been primarily involved in land-based research, but I have also received details from the fly-by probes sent into space to gain information on the comet."

Dr Godfrey describes the co-ordination between ground based observations and the fly-by as probably the most successful international scientific collaborative venture in history.

FOOTNOTE: Dr Godfrey recently addressed the Space Association of Australia, Inc. on *Results of the International Halley Watch, and Radio astronomy in Australia, future prospects*. The next meeting of the Space Association will be held tomorrow night (Thursday, 4 June) in R3 (rotunda), from 7.30pm. Dr Gordon Pike, assistant space systems manager at Aussat Pty Ltd, will speak on Aussat satellite launches. The association is a non-profit group which aims to promote the peaceful exploration and settlement of outer space. Meetings are free and open to the public. Inquiries should be directed to 772 5804.



Seduction is the keynote

Continued from page 1

Brown-Rrap upset the "normal" relationship between the viewing subject (the male artist) and the viewed object (the female nude).

Her three-part installation was really about the "politics of the gaze", Ms Duncan said.

Brown-Rrap will introduce her show on June 9, at the opening of the exhibition.

The gallery has also arranged a free public forum on the two exhibitions, to be held at 1pm on Wednesday 17 June in the Theatre, ground floor, Multi Discipline Centre (next to the Monash

University Gallery).

Speakers will include ANU's Helen Ennis; author and critic, Beatrice Faust; critic and art historian, Linda Hicks; and curator of the National Gallery of Victoria, Jennifer Phipps.

The exhibition will continue until 10 July. Gallery hours are: Tuesday to Friday, 10am to 5pm; Saturday 1-5pm. Inquiries, ext. 4217, 4211.

● PHOTOS FROM THE GLAMOUR SHOW: Above left, Hoyningen-Huene. *Male nude*. c1930. Above right, Beaton, Cecil. *Charles James evening dresses*. 1948. Right, Hurrell, George. *Jean Harlow at the Sunset Boulevard Studio*. 1936.



New hospital will be leader in field: Cain

This month the massive task of relocating the Queen Victoria Medical Centre from its historic home in Lonsdale Street to the brand new Monash Medical Centre in Clayton will begin.

D Day will be Monday, 22 June, when the transfer of vast quantities of medical records will start.

This will be followed a week later with the relocation of the clerical and administrative areas.

On Monday 6 July a 12-day 'no-patient' period will begin so that the new premises may be readied for occupation.

By Saturday 19 July the Monash Centre will be ready to take its first patients — principally those undergoing elective surgery and obstetrics patients. At this stage the Queen Vic birth centre, intensive care unit and one operating theatre will move into the centre.

Other departments will follow over the next few days and on 27 July the out-patient departments will begin operations. Monash University teaching departments are expected to transfer during this period.

Finally, on Friday 31 July, the emergency (accident) department will open and the move will be complete... for the time being.

Stage II of the operation — the relocation of a large part of Prince Henry's Hospital to the Clayton and Moorabbin sites — is yet to begin.

Planning for this phase is now under way, but it is expected that this operation will take at least another four years.

Eventually, the Monash Medical Centre-Moorabbin Hospital complex, with more than 800 beds (600 at Clayton and 210 at Moorabbin), will emerge as one of the most up-to-date and comprehensive health delivery centres in the country.

At a recent handing-over ceremony, the Victorian Premier, John Cain, said that the new centre was destined to become a leader in Australian medical education.

It had been a credit to all concerned, he said, that the first stage had come in on time — and on budget.

The centre would provide a more equitable geographic distribution of health care and greatly increase access

and equity, and had the potential to reduce waiting lists and waiting time.

Mr Cain added: "The Monash Medical Centre represents, I suppose,

just about all we would like to see in health care.

"It is technical and conceptual genius in the service of compassion."



• Preparing the lunch were, from left, Tammy Walsh (Melbourne University), Peter Ferguson (Deakin), Ursula Raymond (Melbourne), Sonia Smallacombe (Monash) and Gary Martin (Monash).

NEWS IN BRIEF

Benda Prize nominations

Two Monash Ph.D graduates, both Malaysians, have been nominated for a prestigious American award, the Harry Benda Prize.

The award, given once every two years to individuals who have made outstanding contributions to works on Southeast Asia, is named after one of the great pioneers in the field, Harry J. Benda.

The nominees are Dr Shamsul Amri Baharuddin, now a lecturer in the department of anthropology and sociology at Universiti Kebangsaan Malaysia, and Dr Shaharil Talib, an historian now lecturing at University Malaya.

Both men worked with the Monash Centre for Southeast Asian Studies. Dr Shamsul was supervised by the late Professor Michael Swift and Dr Shaharil by Professor John Legge.

Dr Shamsul is the author of a recent book entitled *From British to Bumiputra Rule*, while Dr Shaharil wrote *After its own image: The Terengganu experience 1881-1941*. Both books were revised versions of the authors' Ph.D theses.

The Harry Benda Prize is awarded by the American Association of Asian Studies. The nomination of two Malaysian scholars in the one year is considered a rare achievement.

King Lear a first

Dennis Bartholomeusz is directing the English department's production of *King Lear*, to be presented this month in the newly refurbished Guy Manton Rooms (formerly the SGO rooms) on the ground floor of the Menzies Building.

Producer, Chris Worth, says the production is based on the Folio text of 1623, and it may well be the first performance of this text in Australia.

The production has been developed by Dr Bartholomeusz, reader in English, out of workshops on the play which were part of the department's Shakespeare course.

There will be six performances, on June 12, 13, 15, 16, 17 and 19, starting at 7.45pm.

Tickets can be obtained from Barbara Calton in the English department (Room 114, ext. 2056) at \$10 full price and \$5 for students.

Canvassing new members

The Judo Federation of Australia held its 32nd annual Australian senior championships at the Sports and Recreation Centre last month.

Third year Arts student, Greg Mathews, instructor for the Monash Judo Club, won a bronze medal in the -86kg division, and his brother, Ray, won the men's +95kg division.

Competitors from all states and territories participated in this major event on the Australian judo calendar.

Other outstanding performances were achieved by: Suzanne Williams (NSW) who won her 12th national title in 13 years (one year off for the birth of her daughter); Peter Gagliardi (Vic) defeating the previous Australian Champion of the past six years to win the men's -86kg division in his first appearance at a senior national championships, and Kerrye Katz (NSW) winning the women's -66kg division and the Open weight division, where she competed against players almost twice her weight.

The Judo club welcomes new members at any time throughout the year. Inquiries should be made to Greg Mathews, C/- the Union Desk.

Getting to know you

Aboriginal students from all four Victorian universities spent an afternoon at Monash last month sharing jokes, eating hamburgers and playing cricket.

But the gathering had its serious side as well.

Director of the Monash Orientation Scheme for Aborigines (MOSA), Mr Isaac Brown, said: "It was a 'getting to know you' exercise fuelled by the idea of establishing a support group for Victorian Koorie (Aboriginal) students in the future."

He hoped the afternoon would serve as a catalyst for further social gatherings.

"It always helps to know there are others going through the same things as you," he said.

"When students come together they also publicise the presence of Koories in universities and this sets up a model for

other Koories to follow."

More than 40 first year students attended the afternoon.

"That's spectacular when you consider that just three years ago you could count on one hand the number of undergraduate Koories in Victoria," he said.

Mr Richard Jameson, an Arts student who left his home in Darwin to enter MOSA in 1985, said there had been talk of establishing a national Koorie student body as a support base.

"This gave Gary Martin (an Arts/Law student who went through MOSA in its founding year) the idea to organise a sports day for Victorian Koories.

"The afternoon can be considered successful because some Monash, Melbourne and Deakin students are already talking about having more events," he said.



• The second class of graduates in Master of Public Health received their degrees at a ceremony at Robert Blackwood Hall last month. Pictured with Dr Geoff Cross, left, senior lecturer, and Dr Tony Ryan, rear, co-ordinator of the four-year part-time course, are graduates, from left, Dr Nick Crofts, Dr Michael Ackland, Dr Cathy Finocchiaro and Dr John Cole. Photo: Tony Miller.