LIFT-OUT OPEN DAY GUIDE INSIDE

Monash in focus on Open Day

Saturday, August 5, is Open Day at Monash. To its visitors, the University says "welcome". Inside this Reporter you’ll find a full guide to the day’s events, plus a three-page feature on one of the highlights. Below, Open Day Director, Dr E. Bichowski, explains our choice of the promotional phrase, focus on Monash.

Why “focus on Monash”? For two possible reasons: you may be an interested observer wishing to see how well Monash has developed in 18 years, or you may be a prospective student. Visitors for either reason are most welcome.

Although we take pride in inviting members of the public to discover something of our life and work at Monash, we see Open Day very importantly as an opportunity to give special help to people, younger and older, who are considering entry to a university course.

Both types of visitors, and we at Monash, will make the most of Open Day if it is a time of questioning and discussion. A university aims to foster active learning not a passive assimilation of information and ideas. We therefore invite you to use Open Day for active inquiry — not only sight-seeing.

From past experience we expect a busy day and we suggest that you use the program in order to plan your day. Don’t hesitate to seek advice and help. This applies particularly if you have travelled some distance and may have difficulty arranging a follow-up visit.

Focus on guidance

The Open Day emphasis on advisory services is designed because of our interest in supporting and supplementing the guidance provided in schools, careers reference centres, and at home.

Most young people find it difficult to look ahead realistically and make wise educational and career decisions. In times of change how does one prepare for the future? The present economic uncertainties create special difficulties.

If you have any thought about entering a university course make the most of Open Day by meeting people who can give advice and information and whom you can refer to, or visit again, when you have to make decisions.

You can use the day to make important discoveries about university education. Advisers can also help you to get your ideas and needs into better focus.

What subjects interest you now? Have you already decided to continue studying some subjects just because you are good at them? Many subjects can be started at university without previous study in them: can you see how tackling something new in a degree course could be a valuable experience? Are you thinking about entering a university only because you are influenced by other people? How can your education prepare you to adjust to the changes taking place in your world?

We believe that how you learn is often more important than the information itself: knowledge can quickly become out-of-date. Learning to adjust to changing circumstances is something most people must do for themselves. Advisers at Open Day will be trying to show you how to help yourself.

We hope you enjoy your visit.

There’s more on Open Day on pages 5, 6 and 7.

Also in this issue

- A new book on Broken Hill
- ‘Homes’ for forest species
- The beauty of mushrooms
- Mark Stricie’s exhibition
- This Law of Our’s review

Air decision skills ‘neglect’

Decision making is the most neglected aspect of flight training, according to the organisers of an intensive short course for airline, military and general aviation personnel being held at Monash this month.

The course, which comes at a time when aviation safety is much in the news, is on Human Factors in Aviation. It is being chaired by two Monash psychologists and specialists in human factors in aviation and road systems, Professor Ron Cumming, a former aerodynamics researcher, and Dr Tom Triggs, a former aeronautical engineer.

It will be held from August 14 to 18.

Dr Triggs said recently that there were three basic elements of pilot training.

The first was the acquisition of psycho-motor skills — aspects such as how well a pilot could take off and how smoothly he could land.

The second was the acquisition of procedural skills — the "what you do when" skills such as when a pilot should start descent.

The third was the acquisition of decision making skills for use to counter problems in the unusual situation, such as changed weather conditions.

Dr Triggs said: "If a problem arises in flight there is an infinite number of responses to it, but only a small subset would be desirable. How we train a pilot to take the right decisions under stress, and transfer his skills from training to operating is not being given a great deal of attention."

He said this was the case in both civil and military aviation training, although more attention was paid to decision-making under stress in the latter.

Speaking about the course, Professor Cumming said recently: "In the past, mistakes have simply been labelled as ‘human error’ without any investigation into just how the error was made. ‘It suggested that people were inevitably bad at the job — it didn’t examine whether they were overloaded with, or given inadequate information on, their task."

*Continued page 4
The tale of a city of 'Silver, Sin and Sixpenny Ale'

Growing up in Broken Hill in the late 1940s and the '50s, Brian Kennedy, a senior lecturer in History at Monash, has written a book about Broken Hill which deals with the city's colorful past.

The book is "Silver, Sin and Sixpenny Ale: A social history of Broken Hill 1883-1921". The title is taken from C.J. Dennis' memorable lines about the Hill: "Come, sing us a song of the city of sand, Silver, Sin and Sixpenny Ale. Dumped in a desolate, drought-struck land, Where the dead-beat pitchy's his pitiful tale."

Dr Kennedy, whose special interest is 17th century English history, began researching material for the book during sabbatical leave in 1971. Says Dr Kennedy: "A feature of Broken Hill is its strong civic sense. It has a very good library with a lot of archive material accumulated from local newspapers, church and some trade union records."

"When Broken Hill South concluded its operations in 1970, the company gave its archives to Melbourne University. "It was all a rich mine to be worked," Dr Kennedy says. And why a book about Broken Hill? "I had a feeling in my bones that it was the time to write a book," he says.

Dr Kennedy, who has donated all royalties from the sale of the book to the Lifeline organisation in Broken Hill, will visit his old city in September this year. The book was published last month.

The book describes the boom-and-bust cycle of the city's boom years and the depression of the 1930s. It was during the years after the war that many of its improvements to life in the Hill, which had been envisaged in the 20s, were brought to fruition, says Dr Kennedy. The book delves into the "booming and busting" of the 1890s and 1980s, and outlines how the giant BHP company dominated the town and its mining competitors after the original prospec tors, successful and unsuccessful, disappeared from the scene.

Conflict between organised labour and capital then became the order of the day. The struggle rose to a crescendo in the famous 19 month strike in 1918-19.

Now, says Dr Kennedy, the city which many see as the stronghold of unionism in Australia, is changing. The influences of television and tourism have been felt, he adds.

A review of Dr Kennedy's book will be published in a forthcoming issue of Reporter.

August, 1978

Social Work

Application forms are now available for entry into the 1979 Social Work course run by the department of Social Work at Monash.

Applications — for both undergraduate and postgraduate study — will be accepted from October 13. The forms can be obtained from the department by writing to Room 1117 on the eleventh floor of the Menzies Building.

For further information contact ext. 2989.
In the expanded study a further 120 artificial hollows have been placed in the forest. These consist of sections of old hollow logs with a base and a lid which are wired to the forest trees about five metres above the ground.

In his initial study Barry observed a high level of use of these hollows—only one was never used and one was used by eight different species over the three years.

Species observed

Among the animals and birds which were observed were several species of possum, six species of bat, the sugar glider, feather-tailed glider, manucipal mouse, crimson rosella, owl, nightjar and white-throated tree creeper.

Barry will be continuing his study of the animals' needs and characteristics, examining aspects such as species distribution, their hollow requirements and patterns of usage.

Tony will be researching the location, distribution and classification of hollows and investigating relationships between forest management and habitat availability and vegetation types.

Although it might seem likely that the group will recommend the provision of artificial hollows in forests—at least as a stopgap measure in the decades ahead until some of the younger trees have had time to mature and develop hollows—the members are keeping an open mind.

It may be, they explain, that the provision of more hollows could be detrimental to some species.

A group member says: "What we are doing is a groundwork study. Very little is known about the roosting and nesting habits of most arboreal species, what the size of their populations are or what the size of a viable population would be.

"The study should provide a basis for managing forests, taking animal needs into account."

The $16,500 contract with the Fisheries and Wildlife Division is one of several totalling nearly $80,000 that Environmental Science has secured since 1976.

Seawater aquarium

overcomes the pickled problem

A seawater aquarium, recently constructed in the Zoology department, is offering Monash students the opportunity to study live marine creatures on campus.

It's a good deal more satisfactory than the pickled specimens hitherto used, according to senior tutor, Mr Greg Parry, who organised the aquarium's installation.

Mr Parry says: "Pickled specimens lose their colors and all the cues you use to determine what a creature is."

He has stocked the aquarium currently with representatives of nearly all marine phyla.

Building a seawater aquarium is no easy task. There can be problems with toxicity in the equipment, filtration to remove nitrogenous wastes, and controlling the water temperature.

But Mr Parry is reasonably confident, after a month's operation, that the Monash aquarium will work effectively. His design is based on aquariums operating at Melbourne University and the Marine Studies Group in the Conservation Ministry. The aquarium was constructed by Mr Max Hart and Mr Peter Domeiw.
Field guide for our colorful mushrooms

If you're inclined to think of mushrooms purely in terms of a delicacy which look their best atop a steak, a new publication by three members of the Monash Botany department may open up new horizons.

The publication, A Field Guide to the Common Genera of Gilled Fungi in South-eastern Australia, (in other words, the gilled mushrooms and toadstools), features colored photographs which reveal the beauty of mushrooms in the variety of their delicate and dazzling colors and intricate shapes.

The photographs are the work of senior technical officer in the Botany department, Mr Bruce Fuhrer. Also involved in the project were Associate Professor Albert Holland and senior technical officer, Mrs Mary Cole.

The publication is, in form, a kit primarily intended for identification purposes in the field. Its core material is a key which works back through a series of identifying features to the genus classification (for example, gills free — spores black — cap and gills lumpy on maturity — Coprinus). Genera identified are likely to be found in a short bush walk.

Also in the kit is a booklet, Field Characters of the Agarics (mushrooms with gills), and drawings of cross sections showing representative features of each genus. Then there are the photos, 60 in all, of species selected as representative of the South-east. Where a genus is large and not uniform more than one species have been included.

The photos, taken in the field, are from a collection of many hundreds built up over a number of years by Mr Fuhrer, a naturalist and an enthusiast for the plant life many of us take for granted or simply never bother to observe closely. A current project he is working on is photographing seaweed — and, again, the slides he has in hand reveal a surprising beauty in the material most of us curse for cluttering up the beach.

Mr Fuhrer says: "People who have seen the fungi slides ask me where on earth I find such material. It's mostly underfoot if only you look around".

Most of the species in the publications were photographed within a short distance of Melbourne. Many of those included are unique to Australia.

The publication is primarily intended for second year Botany students at Monash who study gilled fungi as part of an introduction to mycology (the study of fungi). But its authors are hoping for a wider market among amateur naturalists.

Published by Inkata Press Pty. Ltd, the guide sells for $8.95 and will be available soon from the Monash Bookshop and many bookstores.

Similar guides to other classes of fungi are planned. Late May and June are the best months for field observation of the fungi included in the guide. The mushrooms typically act as a source of slime moulds which live, year round, in the soil and wood. These plants are of threads — bear their "fruit" when conditions of humidity and temperature are right — in late Autumn and early Winter when the ground is warm and wet.

Energy committee: Keep those windows closed

If you're in the habit of throwing your window open in the middle of Winter — and leaving it open — you've probably got a few friends anyway, but you've got one less in the energy conservation committee. The committee, set up to encourage prudent energy use on campus and shield the University against likely increasing costs, says that the cost of energy associated with leaving a window open is more than you might imagine.

Chairman of the heating and cooling sub-committee, Associate Professor A. Williams, recently conducted some simple tests on airflow through the open window of his office on the ground floor of the Engineering building to determine the probable drain on the energy bill. On an almost calm day he measured a wind speed at the window of more than 200 ft/minute, although the leaves of the nearby trees showed no movement.

He worked out that the replacement cost of heated air for an open window of two square feet exceeds $2 per week during the Winter.

Associate Professor Williams says: "There are probably thousands of people who work in buildings with two square feet of uncontrolled windows, keeping the expense of heating work up."

The transtion from a school to work environment is a procedure marked by turbulence for many.

What relevant groups in the community, such as employers, parents, unions and governments, could be doing to make the school to work step less of a leap into the unknown will be the subject of a conference to be held at Monash this month.

The conference is being organised by the University's Centre for Continuing Education with support from the Career Education Association of Victoria and the Victorian In-Service Education Committee. It will be held on August 18 and 19 in the Deakin Hall of Residence.

The conference organisers say that several factors have contributed to the present turbulence in the school to work transition — unemployment; the difficulties of formulating, let alone implementing, new employment policies; increasing rates of technological change; and new attitudes towards the teacher-pupil relationship and the role of the school.

They say: "Programs and projects of all kinds have been devised — in the workplace, in education, in employer-employee services and in many other agencies. But are we really making progress or is the turbulence increasing?"
Now 18 - But Monash is Young at Heart

Next year has been designated the Year of the Child. But, looking at the program organised for Open Day at Monash, you might well be forgiven for thinking that the Year had already begun.

This year there is a strong emphasis on activities and entertainment to appeal to children of all ages, from play-oriented pre-schoolers to car-loving teenagers.

The Kronaft Centre for Exceptional Children, near the Education Building, will be open to visitors and guided tours will take place at 10 a.m., 11.30 a.m., 1 p.m., 2.30 p.m., and 4 p.m. As each tour is limited to 50 people, and the Centre is locked between tours, please be early.

A series of children's films will be shown in the Union Theatre from 10 a.m. and admission is free. Jugglers and clowns - members of the Monash Players - will be roaming around campus all day.

There will be a computer-controlled toy train set in the Maths Building and displays of rally cars and motorbikes in the Forum between the Union and the Humanities Building.

The Tolkien Society will launch Smaug, the flying dragon, from the Humanities Building into the Forum at lunchtime and, for lovers of Pooh Bear, there'll be a humpet-hurling competition at 2 p.m. north of the Union.

How to save another's life...

Could you save a life?

If you'd like to find out then come along to the Anatomy museum (Medicine Block A) where members of the newly-formed Safety and First Aid Club will be on hand to show you various resuscitation methods.

You can even test your own ability on the life-like, lifesize resuscitation recording model, known affectionately as ResusciAnnie, or on Annie's baby sister, Baby Emma. If you have the right technique, Annie will let you know and you'll also be given a printed chart-recording to show how effective you would be in a life-saving situation.

A video-film on first-aid will be shown continuously and pamphlets will be available also.

On display in the museum itself will be a range of anatomical models, including the brain and the human skeleton. Staff members will answer any questions you might have.

...and how to save your own

The Australian bush - it has a compelling attraction for many, but, at the same time, there can be a danger associated with it.

Every few weeks, it seems, our attention is being focused on the safety of hikers missing in the bush.

The Navigational Self Reliance Association at Monash is inviting Open Day visitors to experience the bush the safe way.

They have organised a speaker from Police Search and Rescue to give an address on "Safety in the Bush - Search and Rescue" in rotunda theatre R2 at 1 p.m. Also on the program will be Bruce Petty's award-winning film, "Leisure". Refreshments will be served too. For NSRA members, the annual general meeting will be held before the public program starts.

The NSRA was formed on campus to encourage people to develop navigational skills. It has strong links with the Victorian Rogaining Association (rogaining is the sport of 24-hour cross country orienteering).

Newcomers to the sport - and old hands for that matter - will be invited to join in a mini-rogaine to be held on the Monash campus on Wednesday, September 6. This is a prelude to a 12-hour rogaine being planned for September 16.

For further information on NSRA contact Richard Smith in the Chemistry department on ext. 3576.

Your Lotto chances

Still trying to win that elusive first prize in Tattslotto?

Just to show you what your chances of winning prizes in a year might be, a simulated Tattslotto draw has been programmed on the Mathematics department's small educational computer in room 111 of the Maths Building.

You can even take part in the draw, by placing a deck of cards, each with six numbers already selected, in the computer. Within seconds, you'll see what likelihood your particular set of cards would have had of winning prizes over a year.

Dr Geoffrey Watterson, Reader in mathematical statistics, will give a lecture on "Evolution by chance", a mathematical model of genetic evolution, at 11 a.m. in Science Theatre S13.

Counselling on maths subjects will also be available throughout the day in the Conference Room on the first floor of the Maths Building.

August 1978
Ethnic participation features Grassby talk

The Commissioner for Community Relations, Al Grassby, will be at Monash on Open Day to give a talk titled "Focus on Multi-cultural Australia" at 2.30 p.m. in Lecture Theatre R.I. His visit highlights the continuing and expanding interest the University displays in Australia's ethnic communities.

See what your voice looks like

Do you know what your voice sounds like or alone looks like?
The Linguistics department can answer both questions!
If you'd like to visit the department, on the fourth floor, south wing, Humanities Building, you can try out the sonagraph and find out what your voice looks like.
By just speaking into a microphone your voice will be recorded on a continuous magnetic drum and analysed electronically, then burnt into carbon-impregnated paper. Within a few minutes, the resulting graph will show the pitch and intensity of your voice.
The sonagraph has proven particularly valuable to teachers of the deaf. Deaf students, instead of mimicking sound by listening, do so by trying to match their voice print-out to that of their teacher.
Sonagraph findings have also been used in court cases in the United States.
Other activities organized by the department include the film "Not to lose you, my language" (on bilingual education of Aborigines) in Room S452, fourth floor, south wing, Humanities Building, at 10 a.m. and 2 p.m.

In 1974, the inter-faculty post-graduate Centre for Migrant Studies was established. Details of its current research projects, including multi-cultural education in schools, immigrant languages and ethnic writers in Australia, will be on display in room 603 on the sixth floor of the Humanities Building.
A number of ethnic clubs and societies will be participating also in Open Day activities.
These include:
- The French/Spanish Club which is offering croissants and coffee and a photographic display, in room 216, Humanities Building.
- The Greek Club with its display of Greek dancing (you can at last learn to dance the way Zorba does!) in the banquet room, Union Building, from 12.30 p.m. and souvlaki-tasting on the lawns north of the Union.
- The Islamic Club which has an information table in the Union and is holding a satay-tasting also on the lawns north of the Union from 12 midday.
- MITH—Slam has arranged a cultural show of dance, music films and food-tasting, from 2 p.m. in the banquet room.
- Zen-Heian whose activities include demonstrations of Kendo and karate, from 2 p.m. in the small gym.
- Displays of calligraphy, costumes, and even a traditional Japanese tea ceremony, in Rooms 413, 417 and 419 of the Humanities Building.
Several of these ethnic clubs will join others with information tables in the Union foyer, upstairs.

'A chance to try your hand at traditional Japanese pottery

Have you always secretly longed to try your hand at pottery, but never found the time?
Well, this is your chance.
Potters Bill and Mary Hlavick will be building two kilns behind the Union—one wood-fired, the other kerosene-fired (in case it rains) so that you can try your hand at Raku pottery.
Raku, which is a low-fired earthenware, is based on the traditional Japanese form of pottery of the same name. It is considered by the Japanese as an art form in itself and is used in the customary tea ceremony.
The attractive feature about Raku pottery is that you can fire pots rapidly and you don't have to wait several days between glazing and the finished product.
Normally, a Raku day is held each year at Monash, but this year, to highlight the start of building of the long-awaited Creative Centre, it is being held on Open Day.
If you'd like to take part then come along anytime between 11 a.m. and 3 p.m. You can buy a pot, which is already "bisque-fired" and, under Bill and Mary's supervision, you can glaze and fire it.
You can also help make and fire the kiln in which your pot is being fired.
And, in half an hour, your own pot will be ready to take home.

Hunger vanquished!

There'll be no need to go hungry at Monash on Open Day.
A fascinating array of food will be available (much of it freshly prepared) all over the campus.
It will range from dinkum Aussie pie 'n' sauce, through spit-roasted steer to the most exotic foreign dishes imaginable.
All the normal Union catering facilities will be operating, along with the Wholefood Restaurant and the Altria Grove restaurant in the sports complex.
In addition, a number of groups and clubs, including Astronautical, Islamic, Greek, the Krongold Centre, the Wine and Epicure Clubs and the department of Indonesian, will be offering tasty snacks and meals.

Meet a golf-playing computer

A computer playing golf—and listening to Bach?
Now you will have heard of everything.
Yet post-graduate students in the department of Computer Science are developing a novel operating system which enables the department's HP9200 mini-computer to simultaneously control several activities. The system will demonstrate three programs especially written for Open Day, sharing the computer time for fractions of a second.
As the computer concerned is a computer of varied tastes, it will be conducting a repertoire of 16 tunes ranging from Beethoven to the "Teddy Bear's Picnic". At the same time it will be printing pictures on a line printer.
And the golf?
That has to be seen to be believed—the computer controls what is called the "waving arm machine", an unusual device constructed from a motor, two rods and a golfball.
Come along to the second floor of the Math's Building and see this talented computer in action.
And, for the children, there is a toy train set which remotely controlled by a micro-processor, a computer in a size of a matchbox.

August, 1978
Satellite tracking equipment on show

"And the forecast for tomorrow is . . ."

Familiar words, indeed.

But if you'd like to find out what the weather is really like on Open Day, visit the tracking station on top of the Mechanical Engineering Building.

For the last seven years, members of the Astronautical Society have been constructing satellite-tracking equipment. The work was completed in January this year.

The club has a program in the Monash computer which determines the location of the many weather satellites in orbit above the earth.

On Open Day, satellite-weather pictures will have been collected and the polaroid-picture results will be on display. The information is collected by a tone which is sent down from the satellites, some of which are 360 km above the Earth's surface. This tone is recorded on a normal tape-recorder, replayed, and a picture generated on to a cathode-ray oscilloscope.

If the day is cloudy, the pictures will be of clouds. If it is fine, it may even be possible to see an outline of Australia.

In conjunction with three other clubs — the Personal Computer Club, Radio and Electronics, and the Video Club — the Astronautical Society will also be operating a cross-over TV — that is, a TV telephone.

You'll be able to stand in front of a TV set in the Engineering Building, talk into it and see someone in front of another screen, talking back, in the Union. The sound and picture will be so clear it's just as though the person to whom you are talking is in the same room.

The project is quite a technical achievement. The general range of most amateur TV's is 15-15 km but club members are hopeful that other amateur enthusiasts as far away as Geelong will be able to pick up the transmission on Open Day.

Much of the equipment used in the experiment has been lent to the four clubs by Microlink, leading microwave specialists.

Club members believe that their projects may herald a new era in interpersonal communication at a non-professional level.

Other activities will include a display of home-built electronic equipment in the balcony room, Union Building.

Legal tips for the consumer

What would you do if you bought a new refrigerator, only to find all your food food up? Or a second-hand lawnmower that wouldn't even cut through snow let alone cut grass?

Come along to the basement of the Law faculty at 2 p.m. and find out.

"Consumer Protection Laws" is one of a series of forums being organised by the faculty. Other topics that will be discussed include "What do you do if you have a car accident?" (3 p.m.) and "Migrants and the Law" (1:30 p.m.)

As part of the world-wide celebration of the 500th anniversary of the birth of Sir Thomas More ("saint, scholar and statesman"), the Law faculty has organised a display in the Law library. The display will centre mainly on More's life as a lawyer and will include a full account of his trial for high treason, a specimen of his signature, and a description of him by Erasmus.

Information on careers in law will be available at the Law information desk and Law library.

Drug effects studied

All those cups of coffee and those 20 cigarettes a day — they're doing something to your body.

The Pharmacology department, in room 144 of Medicine block E, can give you some of the answers on precisely what.

A rabbit's heart has been maintained in a saline solution, so that it can beat on its own. Various substances, such as caffeine (found in coffee) and nicotine (found in cigarettes) will be introduced into the solution to test their effect and to see how the behaviour of the heart is modified by drugs and disease.

A poster exhibition will give information on the effects of drugs and staff members will be on hand to answer your questions.

Open Day stories this issue by Belinda Lamb, freelance journalist and former student adviser in Arts at Monash.

August, 1978
Integrating disabled children: no formula

There was no single, sure formula for the transfer of a disabled child from a special school and his successful integration into a non-special school. An international authority on communication disorders in handicapped students said this at Monash recently.

Dr Kevin Murphy, deputy director of the audiology research unit at the Royal Berkshire Hospital, Redding England, addressed an education seminar on the educational integration of children with disabilities. Dr Murphy said: "Integration can never be achieved by pulling a lever. It requires sympathy, gentleness, strong mindedness and dedication on the part of all involved."

He said that before an attempt at integration was made there had to be a sensitive appraisal of the child and his needs, his family and community, and the school he would be going to and the one he would be leaving.

Dr Murphy criticised educational theorists who argued for the abolition of special schools and the bringing together in common classes of all children with disabilities and those without.

He said: "For some children with disabilities integration is not only impossible but it will be totally wrong."

"By integration I mean the placement of disabled child in a non-special school and for the child to take part on an equal footing in most school activities to an extent that he can experience a sense of achievement and legitimate pride."

"Integration can be considered successful when the presence of the disabled child is no longer a cause for comment."

Dr Murphy warned that if there was not a high level of co-operation on the part of all people concerned with the integration, the child's dependence would be increased and he would be further handicapped.

He said there were several stages of partial integration which had been successful in giving necessary help to the disabled child while at the same time breaking down the barrier between "special" and "non-special".

Citing UK examples, he said that special units to give assistance to children with specific problems, such as hearing, had been set up in ordinary schools, "as a type of halfway house". In some special schools, children were encouraged to join general community clubs and groups for their leisure activities. In others, children without disabilities were invited to use the facilities of special schools, such as swimming pools.

In his lecture (originally delivered in Rome to Communist who were seeking a policy of total integration), Dr Murphy drew a distinction between disability and handicap. He said: "The disability is incurable, the handicap is a possible consequence of the incurable."

"We cannot prevent the disability but we can prevent or improve the handicap."

He suggested that educators should be seeking to ameliorate the handicapping consequences of a disability. Dr Murphy said the earlier a child's disability could be diagnosed, the earlier rehabilitation could begin. It was his aim to identify a disability by the time a child was nine months old. If this was done, continual guidance could be given to the parents, the child's development could be accelerated by suitable learning and play experiences and the needs, if any, for special education could be assessed.

August, 1978

Directions' theme for next ANZAAS meet

"Directions for the Future" is the theme of the 49th Australian and New Zealand Association for the Advancement of Science Congress to be held at Auckland University in January next year.

At least 3000 people are expected to attend the Congress. Planning is at an advanced stage with more than 40 sub-committees working on everything from section programs to accommodation and catering.

Among the newcomers to the Congress next year will be sections on sports science, oenology (the science of wine), musicology and trace metals research. They join a comprehensive list of established sections covering the physical, natural, medical and social sciences, history, economics and the "applied" sciences such as architecture, engineering, mining, agriculture and forestry.

The ANZAAS Congress will attempt to retain its layman's approach which has given it widespread recognition throughout Australia and New Zealand.

As well as the specialist sections, a number of symposia will be held on wide ranging topics. These will include "Economic and Social Planning," "Oil - an Australasian Response to Dwinding Resources," "Conservation in the Southern Oceans and Australia," "Children in Society," and "Modern Drug Treatment - Benefits and Risks."

Associated with the main ANZAAS Congress will be a "Student ANZAAS" program. This will include sessions on such topics as genetic engineering, astronomy and astrophysics, energy research, and applications of nuclear physics.

Regional tours and a program of musical and other cultural events have also been planned.

The Congress will be held from January 22 to 26.
Strizic exhibition for Main Library

The work of one of Australia’s leading photographic artists, Mark Strizic, will be recorded in an exhibition in the Main Library this month.

The exhibition, titled Works for Books and Other Projects, will include photographs taken for books published, about to be published, and some which haven’t seen a light of day. The work ranges over a wide variety of subjects, from portraits of famous Australians to Melbourne buildings.

It will run from August 5 until September 9 in the rare books room exhibition space. The show will be launched by Professor Patrick Mc-Quaugh, of Visual Arts, on Thursday, August 3 at 5.30 p.m. in the Main Library conference room. All are welcome and refreshments will be served afterwards.

A special feature of the exhibition will be the photographic portraits of two Emeritus Professors associated with Monash, Hector Monro and Cami Jackson. Also included will be photographic portraits of other people with Monaeh and Melbourne universities.

He lectures in photography at Melbourne State College.

Examples of Strizic’s work are held in the collections of the National Gallery of Victoria, the Australian National Gallery and the galleries of Monash and Melbourne universities.

Above: A Strizic self portrait with portrait of father behind. Left: Strizic mural at Finders University Medical Centre.

Strizic on Strizic

Mark Strizic was born in Berlin in 1928 and shifted to Australia in 1950. In the June edition of the magazine Camera and Clue he describes his introduction to photography: “It so happened that the first Christmas we were married we want to Sydney and I saw tourists with cameras around their necks. So I thought I’d better have one too.”

What excited him about photography in Australia was the light. He says: “It really was light—the harshness, the strength of the Australian light—the light you don’t have in Europe.”

In his work he has been concerned largely with urban Australia. He says: “The city is the most important aspect of the Australian continent. Australian cities are an extraordinarily fascinating subject.”

When asked whether he considers himself a photographer or an artist using the photographic medium, Strizic replies: “I just see myself as someone who is trying to make a living, by whatever means he can. End of statement.”

As a group, Asian students seeking work in Australia tend to be far more diligent job hunters than their Australian counterparts, according to a careers counsellor at Monash, Mr Lionel Parrott.

“They prepare better and present better despite the difficulties which some of them have with the language,” Mr Parrott says in a recent issue of the Careers and Appointments Office publication, Careers Weekly.

And, he says, employer attitudes to Asians seem to have changed in the last few years. For a long time employers were reluctant to train Asian graduates believing the likelihood of their returning home to be high. Changes in immigration policy have reduced this risk. A second objection — the reaction of those who came in contact with the Asians — has been found to have no substance.

But, Mr Parrott warns, prospects are not rosy for Asian graduates seeking jobs in this country.

The public service, for a start, maintains its eligibility requirement of permanent resident status.

In private industry, Asian graduates rarely succeed in obtaining employment when in direct competition with Australians.

He says Asians are employed, in general, when they possess the skills which are in relative short supply (such as in chartered accounting and computer science).

“In addition Asians will often accept jobs not generally favored by Australian graduates where the employer’s need for graduates is urgent,” he says.

Mr Parrott adds that Asian graduates likely to be most successful in job hunting are those who can think and act like Australians.

Australian ways

He says: “Most interviewers look for evidence of assimilation into Australian ways, even if this has only taken the form of following a VFL team. For this reason students who completed some of their earlier secondary schooling here often have an advantage.”

He says communication skills are often the biggest problem facing Asians.

“This is the first thing at which an employer looks. Letters in ‘quaint’ English often meet an immediate rejection. Spelling mistakes can be fatal. Verbal communication can pose even greater difficulties.”

“Asian students in the early years of their studies would be well advised to seek opportunities to develop good speech habits, even if this means joining a choral group or a debating club.”

Mr Parrott warns Asian students against the practice of deliberately failing a unit as a means of prolonging their stay. “More sensible would be to enrol in a postgraduate course and continue job seeking while still enrolled,” he says.

Mr Parrott says that, in his experience, Asian students who intend returning home after graduation are less well prepared than those hoping to stay.

“Seldom do they make any attempt to discover likely job opportunities in their country of origin. Many would be hard pressed to name even one possible employer.”

“Overseas student associations could provide a valuable service to their members by seeking and distributing reliable information about careers and job opportunities in the main countries of origin.”

(○Monash University is one of Australia’s largest centres for the education of Asian students. At present almost 6.6 per cent of the University’s students are from Asian countries and some 5.6 per cent from the three major sources — Malaysia, Hong Kong and Singapore. This latter figure has been rising steadily for about 10 years and compares with a national figure which is steady at about 2.2 per cent.)

MONASH REPORTER

New Qld V-C named

A noted scientist in the fields of astrophysics and X-ray astronomy has been named as the University of Queensland’s new Vice-Chancellor.

Professor Brian G. Wilson, 48, Vice-President, Academic, of Simon Fraser University in British Columbia since 1970, is expected to take up his appointment at the University early next year.

Professor Wilson succeeds Sir Zelman Cowen, who resigned the Vice-Chancellorship in 1977 to become Australia’s Governor-General. In the interim, Professor G. N. Davies has been Acting Vice-Chancellor.

Professor Wilson took up his present office at Simon Fraser University in 1970, and is concurrently Professor of Astronomy.

Professor Wilson’s research interests were originally in cosmic radiation and solar physics and more recently in X-ray astronomy. (X-ray astronomy includes the placing by satellite or rocket of X-ray telescopes above the earth’s atmosphere to study the heavens).

Professor Wilson has been project scientist for rocket firings in Woomera, Canada, and Hawaii and has been an invited participant at many international conferences.
The Combined Student Theatre will be giving Monash a taste of the theatrically bizarre with two off-off-Broadway productions this month.

The plays, in the poorest of taste but a lot of fun, are Gorilla Queen by that bete noir of decency, Andy Warhol, and What a Beautiful Day by Ruth Krose.

"Gorilla Queen" is being directed by Di Trelora and Peter Carver; "What a Beautiful Day" by Derek Watkins. They will be staged in the Union Theatre from August 7 to 10. The performance schedule is: August 7, 5.30 p.m.; August 8, 1.10 p.m., 5.30 p.m.; August 10, 1.10 p.m., 5 p.m.; August 11, 11 a.m., 1.10 p.m. and 10.30 p.m. Evening performances will include both plays and admission will be $1.50. Lunchtime performances will be of "Gorilla Queen" only.

Baroque musicians for Open Day performance

Monash's Wednesday Consort will be doing something completely different this month — performing on a Saturday (Open Day, August 5).

The Consort will perform a program of baroque music in the Religious Centre at 1.30 p.m. It will include a cantata by Telemann and organ pieces by Bach and Daquin. The Consort — a group of 10 Monash staff and their friends — is so called because it forms regularly on a Wednesday to perform Renaissance and baroque music.

Members of the group who will be performing on Open Day are Susan Tweg (soprano), Ian Donald (baroque flute), Francis King (cello), Harold Love (recorder) and Bruce Steele (organ).

Performance dates and times are: August 9, 2.30 p.m. and 8 p.m. (if your party's over by then), in what the promotional material describes as "that delicious ground-floor theatre" of the Menzies Building. Tickets, it adds, are "madly cheap" at $2 (for students) and $5 (for others).

A Cowardly Fever

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A current awareness search provides a subscriber with 12 computer printouts a year. Each citation is printed on a card which can be used to build up a subject file. Searches of this type can be amended at any time should the subscriber's information needs change.

A second, a retrospective search can be set up to cover any period from 1969 to the present. These searches are carried out on computers located in California, and the print-out, in the form of a series of pages, is mailed to Australia.

The third service consists of monthly information bulletins designed to provide general coverage of broad, and fairly popular, subject areas such as heavy metal pollution, pest control and population genetics.

Yearly subscriptions to information searches, and current awareness searches are $10 and $75 respectively. Retrospective search charges vary depending on the date price of $50, depending on the complexity of the search and the size of the print-out. Prior approval is required before analysis goes ahead with

ANSTEL gives access to the A.C.T. computer database.

The Australian National Scientific and Technological Library (ANSTEL), a branch of the National Library of Australia, has been established to improve the access of the Australian community to the world's scientific and technological literature.

To this end, ANSTEL has developed a wide range of services based on computerised information retrieval systems.

One such service is the BIOSIS Previews data base. BIOSIS Previews is the magnetic tape equivalent of BioResearch Index and Biological Abstracts. It covers more than 8000 serial and non-serial publications from over 100 countries and gives access to more than a quarter of a million articles each year.

This service follows the development of modern printing technology. Over the last few years publications such as Biological Abstracts and BioResearch Index have been increasing in size, matching the growth of the number of articles, reports, reviews and letters published.

To keep up with this increase, many publishing houses have had to turn to computer phototypesetting. The master tape used for this process can also be used as an information source in its own right.

By using quite simple logic an analyst can set up a search which will pull out very specific articles to form a list of titles tailored to an individual's information needs.

There are three ways in which the service can be used:

1. A current awareness search provides a subscriber with 12 computer printouts a year. Each citation is printed on a card which can be used to build up a subject file. Searches of this type can be amended at any time should the subscriber's information needs change.

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Search request forms, information about pre-paid forms and further information about BIOSIS Previews or any other ANSTEL service can be obtained by contacting the Chief Analyst, BIOSIS Previews, ANSTEL, P.O. Box E333, Canberra, A.C.T. 2600. Phone: (062) 62 1548.

The 'Lear' debate

Not content with doing a passable imitation of humankind (ref. "The Muppets") it now appears that frogs have tackled the canine world.

From a recent edition of the publication of the Papua New Guinea University of Technology, The Reporter: "Following a number of concerned reports by campus residents to the Estates and Services Office about a dog trapped in a sewer pipe, a campus rescue party discovered that the dog in question was actually a species of long nosed frog which, after encouragement, obligingly barked at them through the sewer grille".

A giant leap for dogkind

Sliding' not a steady state

Sir: Your issue of July was a valuable contribution to discussion of the issues which now confront us.

However, "Steady State" is a misnomer which we should cease to use, as it is misleading, both from a scientific and a political point of view.

Over the years of the "Steady State" it has been a slow decline in the real value of our recurrent funds, with of course worse to come during 1979. Over this period, for example, the faculty of Arts has lost some 20 academic posts, and a number of permanent staff members, which is probably subject to as much pressure of student numbers as may, have lost four. Similarly, despite inflation, there has been virtually no increase in maintenance and equipment grants.

Should we not therefore, more accurately, speak of Monash in the "Sliding State"?

W. H. Scott, Chairman, Anthropology and Sociology

Sirs: I had the opportunity of meeting the director and cast staging King Lear at the Alexander Theatre, during the rehearsal stage.

What impressed me most was the evident excitement among the players as they spoke by the way they observed each character bringing new meaning to his part through David Williamson's translation. The handout was informative and interesting but the text was not available.

At a later performance, our party of six included an HSC student, not a student of English literature and not enthused to come until he saw TV coverage. His eyes fairly shone after the performance; he had understood and enjoyed it. David Williamson had achieved his object or at least in me, of the uninhibited.

If the Russians and the Japanese are enjoying Shakespeare in translation, should we fail to pass on our heritage to all but a few through failure to perceive a language barrier.

This is not an attempt to improve on Shakespeare but an acknowledgement that language that is living is constant

ASMR reporters
Review:

An 'absorbing' book about our complex laws

Monash University's Gretchen Kewley has collaborated with Canada's Patrick Fitzgerald to compile an absorbing book, "This Law of Ours..."

Nor... nothing ponderous, this is a book about frosts and floods, snows and ginseng root, about highwaymen and taking care of rascals. Nor is it flippan... for the book informs and stimulates. It informs about problems encountered by the law and the processes by which they are resolved. It stimulates with searching questions which challenge the reader to articulate his own solutions.

The text is punctuated with entertaining accounts of actual cases. When Everett sued Williams over a partnership dispute, for example, the court found a very convenient solution. It fined the solicitor, ordered the bar... in the law, but a book about the law. It doesn't mean to kill, didn't know the gun was loaded or... the future. There are 12 people. A-I., you must not only commit the act the law forbids but you must also do so without any honest or innocent intention.

According to this principle, six of the shooters in the diagram would be innocent. One of them, K, did no foul... to the ebootera in the diagram would be... How was it that he did Cor... the gun or it went off by accident.

The Academic Registrar's department has been advised of the... The book has been published for secondary school students where it should deservedly find a receptive market. Yet to confine it to such a restricted audience would do serious injustice to the depth of insight displayed by the authors.

This book contains an enlightening experience for the community at large and I do not exclude lawyers, for it may condition them of the social perspective of law.

Caltex women's scholarships

Applications are now being invited for the Caltex Woman Graduate of the Year Scholarship.

The scholarship... each State and the ACT - have continuously resided in Australia for seven years.

Criteria for selection include: high scholastic attainment; the ability to communicate ideas verbally and in writing; social awareness; achievements in other than the academic area; sense of purpose; and potential for future influence on the Australian community.

The following are conditions of eligibility:

- Candidates must be female Australian citizens or females who have completed an undergraduate degree at a University in the State of Victoria.

Applications close at Monash, August 15.


Share our capital equipment: academic

At a time... strategic research institutions should be press... regionalisation of expensive capital equipment.

This is the suggestion of a senior lecturer in chemistry at Monash, Dr F.P. Larkins. Dr Larkins says that the current request to the Australian Universities Commission by Monash University for substantial computer facilities provides an opportunity to initiate a policy of regionalisation.

Dr Larkins returned to Monash last year after eight months' study leave, principally to undertake research investigations in Britain. He says in his study leave report to Council: 'There is a greater degree of sharing of expensive scientific equipment between universities and other major research centers in other countries than is usually the case in Australia.'

"Geographic factors often impose a major limitation on the provision of such schemes within Australia."

"One area, however, where such factors are less important is in the provision of computer facilities. Because of rapid developments of remote access time-sharing systems, development of computer programs suitable for large scale scientific investigations can be provided with minimal inconvenience on a regional or national basis rather than being dedicated to a single institution."

Economic responsibility

"A policy of regionalisation of computer facilities has been actively pursued by the Science Research Council in Britain with considerable advantage to a larger scientific community. This policy has much to commend it in terms of economic responsibility and efficient use of the limited funding provided to universities and other tertiary institutions for research."

"Within Australia... the exceptions of CSIRO, regionalisation has been lacking. Representation should be made to governments and the Tertiary Education Commission recommending that..."
A second look at Williamson’s ‘Lear’: ‘changed, diluted and flat-footed’

In the July issue of Reporter, Emeritus Professor Gus Manton reviewed the Aladdin Theatre Company production of King Lear, referring to it as “stagnating, catalogue production.” Here, Philip Martin takes another view.

I’ve now seen the “King Lear” experiment twice and believe Professor Manton (Monash Reporter 5-78) was much too kind to it.

Since I’ve no ambition to produce a Shakespeare play myself, there’s no professional jealousy behind what I have to say.

First, a word about the program. In the two-page insert the proof-reading is nothing short of disgraceful, and the director, Peter Oyston, serves up a mess of thinking and writing which no tutor in English (or, I hope, any other department) would pass if a student submitted it. Aladdin has been handed out by a university theatre.

Next, the direction. It had its good moments. Edges of the first scene, though the emaciated language lent it no convincing support, and the scene in the cell, where a rare moment one felt a relationship between the characters.

In Arthur’s production this production simply didn’t make us care about them.

There were, too, some ludicrous moments. Edgar was far too slow in lending his blinded father a helping hand, and his bun-bun head (an irritating as a baying door) announces that ‘The British are coming’, those on stage in all directions to the sound. An audience, Mr Oyston should know, has ears as well as eyes.

Against the impressive Stonehouse set, but also against heavy odds, the cast struggles courageously and in vain. They should go on strike, with placards reading: DAVID WIL.

LIAMSON — UNFAIR TO ACTORS.

On the question of translation Professor Manton reminds me of the Chorus in Sophocles’ Antigone: “There is no reason to suppose that the words he speaks may not have been changed, not this time. As he himself says, in Shakespeare’s Lear “there are many lines in which communication with the audience could not be more direct.” Yes indeed. And David Williamson has changed and diluted most of them.

Take out the poetry and what’s left is at best a jest. If Reg Evans as Lear seems in the first scene more petulant than commanding it’s because of the flat-footed lines he has to speak.

“When nothing will come of nothing, Speak again!” Translation: “You’ll get nothing if you say nothing. Now say your piece.” Who can believe in a potentially tragic king who talks to his daughter like this? And what was wrong with the original anyway? mea.


Works by Mozart, more info: Mr. Mark Shires, 172 Yarra St, Richmond, Adm. free. RI.

14-19: INTENSIVE SHORT COURSE on Human Factors in Aviation, presented by Mr. B. Nutton. 9-15 a.m. to 4-15 p.m. Monash University, Adm. free. RI.

15-16: VEGETARIAN SEMINAR — “Helping your Child”, presented by Dr. Mrs. Margaret Scalf. A panel of experts. Details: 11.50 a.m. to 2.50 p.m. The Lecture Theatre R7. Fee: $3.50. Further information: Dr. J. D. Jackson, ext. 2091.

15-17: CONFERENCE — The 8th Australian Ceramic Conference, organized by Australian Ceramic Society on the industrial and technical aspects of ceramics. For further info: Mr. M. Murray, 08 0030.

16: LECTURES on Accounting, presented by Monash Department of Accounting and Finance. 9-30 a.m. Lecture Theatre R1 and R2. Admission free. Bookings: Linda McGeer, ext. 2246.

17: MEETING — Nursing Mothers’ Association of Victoria, and the Victorian Medical Association. Details: 11.15 a.m. to 1.45 p.m. Monash University Lecture Theatre. Adm. free.

19: SATURDAY CLUB (Blue Series) — “Dancers at Work” presented by Hugh. Ballet School. 2.30 p.m. Fee: $2.25. Watch for school holiday attention.

Further details phone 540 392.

20: CONCERT — Gospel soloist, Merrill Lapham, presented by Victoria Presbyterian. RBH. Admission: $5.00.

21: CONCERT — The Academic Choir of the University of Stuttgart. Works by Bach, Handel, Schubert, Mendelssohn, Beethoven, Loewe, and Old-German and European madrigals. 2.30 p.m. Admission free. RH.

21: CONCERT— Music and Australia present the Prague Sinfonietta, directed by Professor Jiri Belohlavek. 8.00 p.m. Fee: $2.50. Further information: Monash University. Admission: adults $6.50, B. Res. $4.50, B. Res. $2.50, B. Res. $1.50.

23: INQUISITION — The Articles of War for Books, a photographic exhibition by Mark Bristkit. 1st of August to 27th of August. Admission free.
