

# CAMPUS NEWS

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## Multi-Cultural Studies Centre proposal endorsed

The University of Wollongong is establishing a Centre for Multi-Cultural Studies.

The Vice-Chancellor, Professor L.M. Birt, announced that the University Council had endorsed the establishment of a Centre which would act as "umbrella and host" for the following kinds of activities:

- research about migrants, migrant communities and the education of migrants;
- seminars and forums for matters relating to integration of Australian culture into migrant cultures and of migrant cultures into Australian society;
- visits by fellows, lecturers, researchers and other specialists from local and overseas sources who wish to work at the University and in the migrant communities around Wollongong.

Professor Birt said that the Centre would represent a significant development by the University and should become a national centre for multi-cultural studies.

"In addition, the Centre would enable greater interaction between the University and the community," he said.

"The University has already approved a Diploma in Intercultural (Migrant) Education and it is hoped the Centre for Multi-Cultural Studies will contribute to this diploma, despite financial restrictions on new activities."

The University Council suggested a number of activities which the Centre might undertake, including archival collection and organisation of material relating to the impact of immigrant cultures on the development of Australian society.

This would be the first time that such a collection had been attempted on a major scale in Australia, Professor Birt said.

Professor Ron King, chairman of the Department of Education, will act as Director of the Centre.

Professor King said that it should be remembered that the Wollongong region is one of the most cosmopolitan areas in the world.

"It is quite appropriate that the region's university should both contribute to and derive some of its activities from that population," he said.

"While Australia as a nation is one of the recognised migrant countries, relatively little has been done to preserve the

important elements of the cultures of newcomers.

"For many years in Australia we have tended to concentrate on one-way assimilation of the migrant into Australian culture."

He said that the existence of this Centre was in part a recognition of the need for integration to work two ways so that the Australian culture was enriched by encouraging minority cultures rather than forcing them, even if only by inaction, into the background.

"The University hopes that the bond created between the community and itself will lead to a wide range of productive activities in research, seminars and teaching."

Professor King said that many of the advantages of this Centre might not be seen for several years.

"Within the first year however, some results from research into migrant education television and into the problems of migrant women will become available," he said.

Professor Stephen Hill (chairman of the Department of Sociology) and Professor King are already involved with research teams in these areas.

Professor King said that the people involved in the Centre were concerned that it should not become another bureaucracy adopting a "do good" attitude towards migrants and their problems.

"If the Centre is to be successful it must draw staff from migrant communities and must be involved in changing the attitudes of Australians who are not migrants as much as it is involved in helping migrants to work and live in Australian conditions."

"We hope to encourage a feeling among our migrant communities that we aim to work with them and for them rather than on them."

"As in most new enterprises of this kind, finance is a problem. The University has allocated \$15,000 in 1977 in order to cover some establishment costs and to encourage the first round of activities."

"We have already commenced negotiations for substantial financial support from government sources and we will shortly commence negotiations with private and community sources."

## Maintain links — Dr. Parry



DEPUTY Chancellor, Dr. David Parry, congratulates a graduate during the morning ceremony.

In the opening address at the University's second Graduation Day on May 6, the Deputy Chancellor, Dr. D. Parry, asked the graduands to maintain a link with the University.

He said that a formal link could be kept through convocation, to which all graduates were automatically admitted, or through membership of the newly-established University of Wollongong Graduates' Association.

Dr. Parry said that it was the University's hope that, in addition to these formal links, graduates would retain an informal contact, particularly by making use of the university and the union facilities when in the district.

"To the graduands, I extend my personal congratulations as well as those of the Council and all members of the University," he said.

"We hope that your years at the University have equipped you for your future career and that you are successful in gaining satisfactory and satisfying employment."

\*More about the Graduation Ceremony inside.

# University Union is now commercial cinema

The University Union became a commercial cinema on May 25 culminating seven years of struggle by the Film Group on campus.

In 1970, the Students' Representative Council was approached to support financially screening of feature films for students. This was granted, and during that year the basis for the next six years was formulated.

Many mistakes were made, and at the end of the year the S.R.C. felt that the financial burden was too great.

So, in 1971, the University Film Group was formed. Films were shown in one of the University's lecture theatres, after the last class had finished.

This, however, was a problem which was overcome by moving into the Union Building's Common Room and under the Union's financial wing.

The Common Room was stuffy and uncomfortable, but it had atmosphere. Seating about 150, it sometimes held 250 students eager to see a particular film. The screen size in that sixty-foot by forty-foot room was an incredible twenty-seven feet wide.

A larger room was obviously needed and so finally the move was made into the Union Hall, but only after some major alterations.

It had been decided that, in order to be on a more stable financial base and so that the public could see some of the films the Film Group were screening, an attempt would be made to license the building as a public hall.

Now, after eighteen months of suspense, the day finally arrived. The Union Hall seats 400 people; the screen is thirty-two feet wide, the projection equipment is a pair of

## The Magnificence of Mozart.



**THIS film will be shown on June 10 in the Union Hall.**

Bell & Howell 666 16-mm projectors, and the sound system is a Philips 100-watt system.

Of course, screening 16-mm films, instead of the traditional 35-mm films as shown in the theatres, does have its problems. Sound and picture quality is not quite as good and availability of some films is lacking, but the admission charge of \$1 is some compensation.

However, only time will tell whether the University Union will be accepted as another Wollongong cinema.

Screenings will be every Wednesday and on alternate Fridays during the University academic year (about twenty-eight weeks) starting at 7.30 p.m.

It is the Film Group's policy to screen the main feature first. No advance bookings are available (except to students on campus).

## Wollongong scientist awarded a Senior Visiting Fellowship

The United Kingdom Science Research Council has awarded a Senior Visiting Fellowship to Associate Professor Peter Bolton, of the Department of Chemistry.

The award will enable Professor Bolton to spend from July this year to January next year as Visiting Professor at the University of Wales, Swansea.

He will work with Professor J. Beynon, F.R.S., on computer control of the newest and most powerful mass spectrometer in the United Kingdom.

Dr. Geoff Trott, of the Department of Electrical Engineering, who has been working with Professor Bolton on similar projects in Wollongong, will arrive in Swansea in January to take over the project when Professor Bolton leaves.

The purpose of the Senior Visiting Fellowship Scheme is to support research in British universities and similar institutions.

In particular, grants may be made to enable senior scientists of distinction from recognised centres abroad (or in the United Kingdom) to visit a proposer's institution as Senior Visiting Fellows to give fulltime advice and assistance.

The areas for advice and assistance are: (a) in research in the fields in which the

visitors are eminent; (b) in introducing new techniques and new developments that may advance research work in the proposer's and other institutions in the United Kingdom; (c) in connection with specific S.R.C.-supported research projects.

## Enter now for basketball

The Illawarra summer basketball competition begins in early September, but team and player nominations must be submitted by mid-July.

Any person not playing, but who wishes to do so, is asked to leave his/her name and address with Mr. Hugh Brandon, Finance Office, Admin. Building, as soon as possible.

About twenty people missed playing in the winter competition because they approached the basketball club after nominations had closed.

Do not miss out on the summer competition. Whether or not you have played before, the University has a team for you. Act now to avoid disappointment.

## AUDIO-VISUAL TIPS & IDEAS

Some part-time students have problems attending all classes because of work or domestic problems, which arise occasionally. And some students miss lectures from time to time because of illness or other problems.

With very little effort on the lecturer's part and at a very small cost, such students may be able to regain lost ground, at least in relation to the lectures.

It is very easy to tape-record a lecture using one of the small cassette recorders owned by departments or on issue in the Pentagon.

All have built-in microphones of high sensitivity which will pick up the lecturer's voice from many feet away.

Lectures should be recorded on C120 tape which should then be dubbed onto a C60 cassette. This can be done very rapidly by Mr. C. Symons (ext. 432) of Audio-visual Services.

But most lectures incorporate illustrated material of some sort. If the lecturer uses the blackboard, then it is necessary to include with the tape a set of paper copies of everything written on the board, otherwise the lecture may well be unintelligible.

It is much easier if the lecturer uses the overhead projector exclusively, in which case it is possible to include photocopies of the transparencies with the tape. Copies of slides can be included also.

A kit is available for about \$1.20 which stores a cassette on one side and illustrated material on the other. This kit may be loaned to a student overnight or it may be used in the department.

An alternative, which some prefer, is to dub the lecture onto the student's own tape, in which case, photocopies of the illustrated material should be supplied. Students may prepare their own tapes on the new fast one-to-one cassette copier, available in Mr. Symon's office in the Pentagon.

The Department of History and Philosophy of Science, which has tried this system now for over a year, has found it to be very successful as has the Department of Philosophy.

These departments report no falling off in attendance at lectures as a result of this innovation. Indeed, some students who attend lectures regularly obtain complete sets of lecture tapes for home-study purposes!

Further information on this system may be obtained from Dr. J.R. Panter (ext. 300).

## CAMPUS NEWS

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Tony Barker . . . . . Editor



SOME of the contributors to the book, *URBAN ILLAWARRA*, which was launched at the University on May 5. From left: Miss Joan Shaw, Dr. Ross Robinson, who also edited the book, Mrs. Gay Reilly, and Mr. Pat Wilson.

## Book on Urban Illawarra was launched on May 5

Dr. Ross Robinson, Reader in the University's Department of Geography, launched his comprehensive book on the urban growth, development and planning of the Illawarra on May 5.

The book, *Urban Illawarra*, is the result of five years' research.

Apart from contributions by University of Wollongong research students and staff, *Urban Illawarra* contains papers by staff of the University of Sydney, Macquarie University, the University of Melbourne, the Reserve Bank of Australia, and the Royal Military College, Duntroon.

Dr. Robinson said that the book was an up-to-date collection of urban research papers, which would be of great value to senior high-school students and teachers, university and college classes, and to all those with interests in urban growth, development and planning.

In the book, Dr. Robinson points out that the Illawarra environment is the legacy of a period of rapid expansion, of piecemeal ad hoc planning, of inadequate planning mechanisms, and of an unsatisfactory planning framework.

"Chaotic disequilibrium exists within the urban structure, particularly in the relationships between landuse and the transport system," he said.

"Suburban sprawl has overloaded the utility systems and spawned a whole network of substandard roads.

"It has penetrated land areas, including areas of slip, flooding and poor drainage, which are completely unsuited for urban development."

Dr. Robinson concludes his book by saying that the Illawarra region demands major and extensive "surgery" to overcome the inherited and existing imbalances within the system, to restructure an urban form which has failed to keep pace with the demands placed on it.

"Perhaps in the long-term, success or

failure to develop a higher quality urban environment will be a reflection not on planning expertise or on ability to make decisions but on the limited horizons of man's own parochialism."

*Urban Illawarra* has been published by Sorrett (Melbourne).

## Historian prepares books to mark 50th anniversary

The Australian Council of Trade Unions celebrated its fiftieth anniversary on May 3.

To mark the event, the A.C.T.U. last year commissioned Associate Professor J.S. Hagan, of the Department of History, to write two versions of its history: a short history to be published on the day of the anniversary, and a longer and more scholarly work to be ready by about the end of 1978.

So that Professor Hagan could spend sufficient time in research and writing, the A.C.T.U. made a grant to the University of Wollongong to allow it to employ someone who could take over a substantial part of his teaching duties.

In July, 1976, Dr. Winifred Mitchell joined the Department of History to teach Professor Hagan's tutorial classes. In 1977, she took over his lecturing as well; and this arrangement will continue in 1978.

The first book, *The A.C.T.U. — A Short History*, was published and launched by A.C.T.U. executives, Hawke and Souter, at the Windsor Hotel, Melbourne.

It is written for the interested layman and high-school student rather than for the trade-union official or specialized academic.

## Campus signs are being erected

The sign posting of the University campus has begun with the erection of six signs.

Another fifteen will be erected to identify buildings on campus. University Architect, Mr. John Manton, said that when this was completed the more difficult job of erecting direction signs would begin.

"We do not want to clutter the campus with too many signs," he said. "We want to have as few as possible to give the maximum amount of information."

Mr. Manton said the signs identifying the buildings were made in the University workshop and outside signs were made by a contractor.

The University's landscape consultant has been asked to design a sign to identify the new main entrance behind the Union Building. The signs are part of the total landscaping project proposed for 1977.

## Metallurgy symposium

A symposium on the "Mathematical Modelling of Metallurgical Processes" was held at the Department of Metallurgy on May 11.

The Port Kembla Branch of The Australasian Institute of Metals designed the symposium as a service to its members, the metallurgical industries and teaching institutions who have supported the branch since its formation in 1935.

Its length is ninety-six pages, and the pages are large to allow for the better reproduction of the photographs. These are a feature of the book. They cover a period of a little more than a century, and include a large number not-so-far published: of people at work, on strike, in conference and in procession.

The colour cover is of a montage of lapel ribbons of the marshalls in Melbourne's Eight Hour processions between 1906 and 1916.

The second history, now in preparation, analyzes certain aspects of the A.C.T.U.'s behaviour over the last fifty years.

Much of the source material for this history is scattered through public libraries and private collections. Some of it exists only as memory.

The University's Librarian and Archivist are co-operating with Professor Hagan in building up of an archive which will serve the writing of this history, but which should soon prove valuable to scholars both in Wollongong and throughout Australia.

# Wollongong leads with Philosophy diploma

The University of Wollongong will be the first university in Australia to introduce a Graduate Diploma in Philosophy.

The Department of Philosophy will offer the course to graduates next year.

The University Council approved the introduction of the Diploma in Philosophy (Dip.Phil.) at its last meeting.

Philosophy Departmental Chairman, Professor Lauchlan Chipman, said the idea of the diploma course grew out of what was originally to be a diploma in logic.

"It was decided to broaden it in response to a considerable demand by graduates for study in other areas of philosophy," he said.

"There also have been several inquiries from school teachers, lawyers, social workers, doctors and religious orders.

"These people are mainly interested in moral and political problems and want to study ethics."

He said that the professional people wanted to study philosophy formally to assist them in dealing with theoretical and, often foundational, problems which arise in their work.

"Among these areas of concern are philosophical issues such as principles of punishment, the theoretical question over abortion, euthanasia, 'right to life' issues,

conscientious objection, insanity and social deviancy."

Professor Chipman said that the course would give graduates the chance to supplement their studies without attempting a higher degree.

"This course will help many deepen their interest in philosophy; or, if they have studied in any other faculty, they can move into the humanities direction without starting a second degree.

The diploma can be completed in one year fulltime or two or three years part-time.

Professor Chipman said that he believed the course would make the University of Wollongong more attractive to prospective students.

He said that Wollongong would be the only university to offer a Diploma in Philosophy.

"The only comparable course is the University of New England's Litt.B. in Philosophy," he said.

Professor Chipman said any inquiries about the course could be made at his department.



PROFESSOR Lauchlan Chipman.

## H.P.S. conference to be held here

The Australasian Association for the History and Philosophy of Science will hold its annual conference at the University of Wollongong in August.

Speakers from New Zealand, Perth, Townsville and Tasmania have already offered to deliver papers at the conference in the Social Science Building from August 26 to 29.

Conference convenor, Dr. Evelleen Richards, invites anyone interested in delivering a paper to contact her at the University (ext. 300).

She said there was no overall conference theme. Suggested topics included: science policy; teaching of H.P.S. at the tertiary level; women and science; the practice of science; and the historiography of science.

"I would like contributions from working scientists from within the university to discuss how they see their subject in relation to H.P.S.," she said.

Dr. Richards said that most of the people at the conference were expected to travel from Sydney and Melbourne.

This would be the first time that the conference had been held in Wollongong, she said.

## COMMITTEE TO HEAR APPEALS

The University Council at its April meeting set up a committee to consider and determine appeals by students against exclusions on account of infringements of the Bachelor Degree Requirements (Sections 14.1 to 14.5).

## Philosophers will hold their annual conference here

The Australasian Association of Philosophy, the association which attracted international attention when it black-banned the Chair of Philosophy at the University of Tasmania for ten years, will hold its annual conference at the University of Wollongong from August 29 to September 3 this year.

It will be one of the few times in more than thirty years that the conference has been held outside a capital city.

The association became involved in the "Orr Scandal" when it effectively prevented philosophy from being taught at the University of Tasmania after Professor Sydney Sparkes Orr was dismissed on a morals charge.

The Orr case became a national issue exactly twenty-one years ago.

One of the topics to be discussed at the conference will be whether moral rules are universal.

Other debates will include the relation between the mind and the brain and whether all knowledge is based on experience.

Philosophers from all parts of Australia and New Zealand and one from Canada have so far offered to give papers.

The convening committee includes Department of Philosophy chairman, Professor Lauchlan Chipman, and lecturers, Dr. Harry Beran and Ms. Suzanne Uniacke.

Professor Chipman said that there would

be about twenty-five papers delivered over the five days.

He said some of the papers would be published in the *Australasian Journal of Philosophy*, a world-class journal.

About 120 people are expected to attend each day of the conference, including sixty who will be accommodated at International House, North Wollongong.

Professor Chipman said that undergraduates were especially welcome, and undergraduates from Wollongong had offered billets.

"It is a very important responsibility for a new department such as ours to hold such a conference," he said. "For many, it will be their first contact with the University of Wollongong and with the city."

"So the impression we make is important not only to the Department of Philosophy but also to the University and to the city at large."

The first day of the conference will follow the last day of the Australasian Association for the History and Philosophy of Science annual conference, which will be held at the University from August 26 to 28.

# GRADUATION CEREMONY

## The Illawarra and education

The Illawarra community usually managed to acquire what it sought in the way of educational facilities, in particular the University of Wollongong.

Historian-author, Dr. Edgar Beale, said this in his occasional address at the University's second graduation day in the Union Hall on May 6.

Dr. Beale, a long-standing member of the University Council, was awarded an honorary Doctor of Letters at the morning ceremony.

He said in his address that he was moved by the generosity of the great honor of receiving the degree.

"I have always enjoyed my work for the University, and it almost seems too much to receive a reward for what was already highly rewarding," he said.

My long association with the University has put me in a position of insight into general community affairs and into the University.

"By this insight I can endeavour to bring town and gown even closer together, for in such a union lies greater strength and benefit for both."

Dr. Beale retraced the history of education in the Illawarra district. Despite opposition to Governor Bourke's proposals for government schools, the Governor succeeded in Wollongong by establishing a National School in 1836.

"It was first a dismal failure, because it was promptly boycotted in favor of first an Anglican school, and then a Roman Catholic School, and then a Presbyterian," he said.

"The National School remained empty for more than ten years, an object of derision and shame. But, be it noted, the people of Wollongong had for the first time done what they wanted to do in matters of education, rather than what was wished on them."

Dr. Beale said that the University first materialised when a vigorous Mayoral Appeal was launched in September, 1959. "By the time the appeal closed in June, 1960, the district's private citizens had put up over \$100,000 in hard cash, and local industries subscribed \$276,000," he said.

"Wollongong and Illawarra, its citizens and industries, had demonstrated in the most simple and unequivocal manner their determination to have their own University."



DR. Edgar Beale.

## T.E.C. unhappy compromises

The new Tertiary Education Commission showed signs of unhappy compromises, Deakin University Vice-Chancellor, Dr. F.R. Jevons, said at the second University of Wollongong Graduation Day on May 6.

He said that the Federal Government's new arrangements for funding of post-secondary education were an "awkward" tri-angular arrangement with possibilities for obfuscation, buck-passing and bureaucratic delays".

The theme of Dr. Jevon's occasional address at the afternoon graduation ceremony for seventy-nine engineering, metallurgy and science graduands was 'The Future'.

He said that part of a university's duty was to provide the sort of long-term flexibility which was needed to meet demands which were as yet unforeseen.

"University would fail society if it provided only for the shorter-term aims which can be clearly defined," he said.

"That's why manpower planning seems so inappropriate for universities — at least, manpower planning in simplistic form which consists of manipulating student intake according to estimates of demand for particular kinds of specialised skilled manpower.

"Such planning can perhaps be done over a time scale of a year or two to meet demands for skilled tradesmen, but it is quite wrong for universities."

Dr. Jevons said that the University of Wollongong and Deakin University, Geelong, were similar in many ways.



DR. F.R. Jevons.

They were both outside the metropolis, but not too far; both were situated in a city with a strong industrial base, were of similar size, and were both new.

Dr. Jevons said he could think of no better wish to the graduates than for their careers to be full of variety and interest.

"So, together with my warmest congratulations in what you have already achieved, I wish you all the most successful and satisfying careers possible."

## B.A.s for mothers



PROUD recipients of Bachelor of Arts degrees were Mrs. Pamela Squire (left), formerly of Wollongong and now of Newcastle, and Mrs. Carol Smith, of Fig Tree.

Each is the mother of two children. Before coming to the

University, they completed the Day Matriculation Course at Wollongong Technical College.

They were members of the "mums' class", which was time-tabled to allow mothers sufficient time to take their children to school in the mornings and to pick them up in the afternoons.

# GRADUATION CEREMONY



THE UNIVERSITY'S armorial bearings drew much attention during the Graduation Ceremony. From left: Mr. A. Ian Ferrier, of Brisbane, who guided the University Council's Ceremonials Committee in the choice of arms; Deputy Chancellor, Dr. David Parry; and Richmond Herald of Arms, Mr. J.P. Brooke-Little.

## Arms are "splendid"

The Richmond Herald of Arms, Mr. J.P. Brooke-Little, said that he thought the University's arms were "absolutely splendid".

He said the arms' design was simple, which enabled it to be reduced without losing recognition.

Mr. Brooke-Little was speaking at the University's morning graduation ceremony in the Union Hall after he had formally presented the Deputy Chancellor, Dr. D. Parry, with the official Letters Patent for the Grant of Arms.

Also at the ceremony was Mr. A. Ian Ferrier, of Brisbane, who guided the University Council's Ceremonials Committee in the choice of arms.

The design is a shield with principal elements in blue, gold and red, representing sea, sand and the Illawarra flame tree.

Mr. Brooke-Little said that the open book on the shield gave it instant recognition as an arms of a University.

He said that a coat of arms served three important purposes. "It is a permanent and ancient form of symbolism; it is unique, as there is only one form of heraldry recognised throughout the Commonwealth; and arms properly granted are a form of honor, as they are presented on behalf of the King of Arms," he said.

Mr. Brooke-Little is the first Richmond Herald to visit Australia, specifically to present Grants of Arms.

## Family affair for B.Sc. graduate



CONGRATULATORY kiss for Science graduate, Denis Benjamin, from his wife after the afternoon ceremony.



A FAMILY AFFAIR when Mr. Ivor Brinson (middle) graduated with a Bachelor of Science degree. From left: his mother, Mrs. Joyce Brinson; his father, Professor Geoff Brinson, chairman, Department of Metallurgy; his grandmother, Mrs. Edith Hutchinson, who came up from Melbourne; and his brother, David Brinson, 16, a student at The Illawarra Grammar School.

# Higher degrees for lecturers

Two lecturers received higher degrees at the University's second Graduation Day on May 6.

Dr. Ken Davies received his philosophy doctorate in history — the first PhD in humanities that the University has conferred on a student.

Dr. Davies, a senior lecturer at the Wollongong Institute of Education, studied the history of education development in N.S.W. from colonisation to the end of World War I.

He traced the influence that the different religions exercised over education and

the inter-church rivalry that existed over education development.

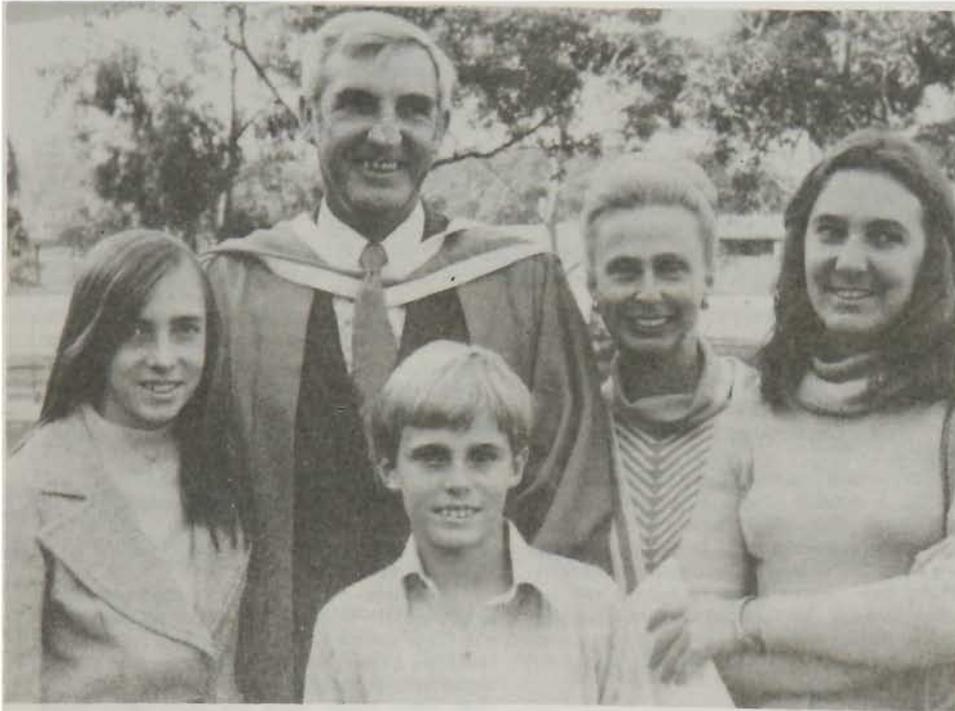
Dr. Davies found it was this rivalry that eventually led to the State's taking control of the education system.

Mr. John Casey, a maths lecturer at the Royal Australian Navy College, Creswell, at Nowra, received his fourth degree when the University conferred on him the first science masters degree.

It is Mr. Casey's second masters degree. He studied for the first at Macquarie University. He also has two degrees from Sydney University.



DR. Kenneth Davies and his wife. He was awarded the only Ph.D. at the Graduation Ceremony.



MR. John Casey, who was awarded the only masters degree (in Science) at the Graduation Ceremony, was congratulated by his wife, Marion (second from left), and children (from left): Jacqueline, 14, Andrew, 11, and Joanne, 16.



A HUSBAND and wife graduated with Bachelor of Science degrees.

They are, Eugenie and David Tandy, of North Wollongong, who met while doing chemistry and who were married three months ago.

Mrs. Tandy teaches at Port Kembla High School and Mr. Tandy is a programmer at the Port Kembla Steelworks.



TWO members of the University's general staff, Mr. David Guy (left), and Mr. Colin Lambert, graduated with Bachelor of Commerce degrees. Mr. Guy is the Internal Auditor and Mr. Lambert is the Assistant Finance Officer.



COMMERCE graduates, Dennis Ling (left) and Lim Kin Guan (right), with Mrs. Christina Ling (second from left) and Pearlina Lim, on the Union lawn after the morning Graduation Ceremony.



ARTS graduate, Mrs. Sheila Pike, with her husband, Mr. Walter Pike, deputy director, Institute of Education.

Mrs. Pike, who is the mother of seven children and who has six grandchildren, is the first counsellor at St. Mary's College, Wollongong.

# The University Library — its prospects

By the Vice-Chancellor, Professor L.M. Birt

The University is now starting to get the advantages of increased Library funding, and this seems a suitable time to review what has happened in the Library in the last few years and what might be expected in the future.

None of us, least of all perhaps the Library staff, will ever be satisfied with the Library. Like all service areas, it can go on providing more and more services, and never satisfy every need.

We have to remember, however, that every \$1,000 spent by the Library is \$1,000 less for some other University activity. The University's problem is to balance all its needs; but in my view (a view shared obviously by the Universities Commission), the University needs to provide more for the Library.

## ACQUISITIONS

We might start by looking at the funds provided for books and serials. (This is, of course, only a starting point, but it is a useful basic one.)

Allocations for books and serials have risen steadily, from \$85,000 in 1972 and \$140,000 in 1975 to \$420,000 in 1977.

Of this, \$288,000 is the sum set aside from the University's recurrent grant, which has therefore almost trebled in five years.

The rest, \$191,000, is from our earmarked grant. The earmarked grant — provided first by the Government last year and again this year — was recommended by the Universities Commission "as a contribution towards remedying deficiencies in the Library". The University expects to get a further earmarked grant in the next year.

The actual sums that will be available for the Library to spend on books and serials this year will exceed \$420,000, partly because there will be supplementation to meet cost rises and partly because the funds available last year were not fully spent in that year.

Since March, the Library has been ordering books at an increasing rate of more than \$30,000 a month; and, in addition, the cost of serials subscriptions will be about \$101,000 this year, and of binding \$32,000.

This will represent in 1977 an increase since 1972 of about eight times in book orders and of about six times in the combined orders for books and serials.

The effect of this massive increase in ordering, first begun in 1976, is now starting to be felt; and the benefits will become increasingly obvious over the next few months, as the new books get on the shelves.

## FORWARD EFFECTS

This increase is being achieved with comparatively little increase in Acquisitions staff. In 1975, we had twenty-four staff in Technical Services (of whom ten were specifically involved in Acquisitions). In 1977, we still have twenty-four, of whom only thirteen are involved directly in Acquisitions, after seconding some staff to the Administrative Data Processing Unit and making some internal rearrangements.

Much of this is due to an early realisation of what automation can do. The advice, "computerise or perish", is particularly true for the Library, where most activities are heavy in demands on staff.

In 1975, the Library foresaw the problems of growth and seconded three staff to



the University's Administrative Data Processing Unit; the value of this move is now being felt as book purchases increase.

Staff needs do not, of course, end in the Acquisitions staff. They extend, particularly, into Cataloguing and also into Accounts.

With book acquisitions running at \$30,000 a month, there is an average of about sixty individual orders to be processed each working day. In April, indeed, there were 2000 orders, or more than 100 a working day. Some extra resources will be needed to have this mass of processing work properly dealt with.

## FUTURE PROSPECTS FOR BOOK ACQUISITIONS

I have previously talked to the University about the future and, particularly, about our prospects, and those of other Universities, in the light of "no growth".

As I have said earlier, the University's budgetary strategies have to be worked out for a situation in which it levels off with a total student population of about 2800 or a student load of 2300.

What I hope we can achieve for the Library is to build up the annual amount set aside for books and serials in the recurrent grant, so that, when the earmarked grants cease, the total annual allocation for books and serials will be kept at the present level.

If we do this, we will in a sense be keeping faith with the Universities Commission, which recognised our special Library needs, recommended the three years of earmarked grants to help overcome deficiencies, and also believed that at the end of this three-year period that our total recurrent funds should have increased so as to allow us to maintain acceptable University standards.

## OTHER EFFECTS

Another effect should be noted. It is obvious that it has been impossible in the past few years to meet even the minimal needs of the twenty academic departments with the funds available, particularly

because of the lack of adequate basic collections in both the new and the old disciplines.

Understandably, in a time of acute need, each of the departments has been anxious to ensure that it gets its fair share of the limited resources.

Much effort has gone, therefore, into devising formulae to establish the allocations for each department and into regular and detailed reporting on progress in committing these departmental allocations.

I believe most of this time-consuming activity will now wither away as we reach the stage where we can be sure of meeting at least the urgent and essential needs of all the departments; and that the Library staff will then have more time for their basic tasks and also greater funds with which to fill in gaps in our collection, particularly in interdisciplinary and general areas.

## BUILDINGS

In January, 1972, Stage I of the Library was completed (or rather, partly completed, as, for example, it was not air-conditioned) and a four-year split operation began, with Technical Services in the Administration Building and books, Reader Services and Library Administration in Stage I.

Then, after considerable inconvenience to users and staff, Stage II was ready for occupation in December, 1975.

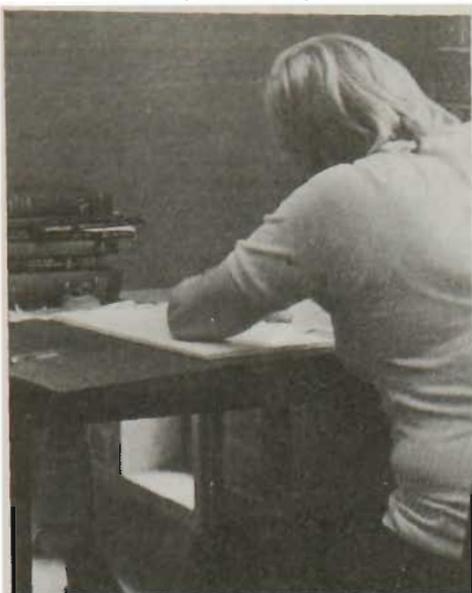
We should all be grateful that the Library staff kept going through the noise and the dirt of the extensions, and managed to relocate the whole collection into the enlarged building, without significant inconvenience to its users.

Again, however, Stage II was not fully completed: in particular, the ceilings in the Technical Services area and the top floor are reminiscent of a factory; and funds were used to add to the size of the building at the expense of furnishing it completely.

It was possible to add some furniture late last year, and I am hopeful that we will

Continued next page.

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be able to complete the furnishing later this year.

As for the future, when Stage II of the Library was officially opened on June 11 last year by the Governor of N.S.W., it was noted that the Library had room to expand its holdings by 150 percent within the building. We are all doing our best to make sure that 150 percent growth happens as fast as possible.

### COMPUTING

I have mentioned computing already. The University of Wollongong is working closely with Macquarie University (which has a similar computer to our own) in a rationalised approach to Library automation.

I believe that, with Macquarie, we are among the leaders in the effective use of computers for Library functions and that our ordered approach will have highly advantageous results.

Some of you will be aware that the Library produced in April, 1977, a computerised list of its serials titles. It has started to use the National Library's computer-based information sources. In the longer term, the whole catalogue will be available in micro-fiche at several points throughout the Library.

Another use of modern technology is the electronic device called Tattletape, which will be in operation later this year. This is a control to prevent the unauthorised removal of books from the Library.

At the end of February this year, we filled a new post of senior librarian in Reader Education thereby enabling a considerable lift in bringing to students and staff an awareness of sources in specific fields.

In other areas, staff levels have been maintained to guarantee access to the University Archives and a fulltime staff member has been appointed to control the Library's non-book resources.

### CONCLUSION

The Library has a long way to go. It probably will never reach the stage one of our sister universities reached last year, when its collection reached the 2,000,000-volume mark.

Its approach will have to be rather to use modern methods — communications and computers — and a sufficient level of reader services staff to make the great Australian collections outside Wollongong more readily available to its users; and, at the same time, to concentrate on building up its own resources to meet the University's basic needs.

I have tried to show that, from a modest starting point in 1972, the Library has already gone a fair way: it has an adequate building; it has built up the collection considerably; it has improved its general services to readers; and it has made a good start in using modern methods. And the increases in funding are now being seen in a steady flow of new books onto the shelves.

Within the limitations of resources, the University's plans can be expected to lead to continuing steady improvement.

#### UNIVERSITY OF WOLLONGONG LIBRARY

##### SOME STATISTICS

	1972	1975	1977
LIBRARY STAFF	16	43	52
LOANS	34,049	98,799	(110,000)
NORMAL WEEKLY OPENING HOURS	68	73	77
ACCESSIONS: MONOGRAPHS	4,082	5,801	(20,000)
TOTAL HOLDINGS: END OF YEAR (MONOGRAPH VOLS.)	39,412	69,034	(100,000)
BOUND SERIALS (END OF YEAR)	20,309	30,381	(35,000)
ALL ITEMS	69,721	99,415	(135,000)
CURRENT SERIALS TITLES RECD. (END OF YEAR)	1,546	2,494	(2,800)
EXPENDITURE ON MONOGRAPHS & SERIALS (EXCLUDING BINDING)	79,358	\$123,848	(\$480,000)
TOTAL LIBRARY EXPENDITURE	\$170,454	\$323,097	(\$1,125,000) (x)
EXPENDITURE RATIO/TOTAL LIBRARY EXPENDITURE: UNIVERSITY (RECURRENT)	N/A	8.96%	(10.7%)

(x) INCLUDES EARMARKED GRANT

## Men of power set working climate

Within any organisation, the working climate or environment was determined, to a significant degree, by the "style" and management philosophies of the men who had the most power in the organisation.

Dr. Neil Adams, lecturer, Department of Psychology, said this during his contribution to the "Seminars in Administration" held in Wollongong in May and June.

The seminars were jointly sponsored by The N.S.W. Public Service Board and The Royal Institute of Public Administration.

Dr. Adams said that, at the same time, the members of an organisation were at least partly integrated into the overall system, as well as one or more sub-systems of the organisation.

Consequently, relationships existing at any one level or between any two levels in an organisation not only reflected the higher management style but also, in some ways, affected that style and/or the behaviour patterns of the senior people in the organisation.

Dr. Adams said that the shop floor-management interface was lubricated by the front-line supervisor's expertise.

This level of supervision, acknowledged as the most demanding, was frequently least supported and understood by management.

In most large industrial organisations, the front-line supervisor was a person with much more responsibility than authority, one who was frequently, embarrassingly bypassed in both upward and downward communications.

Dr. Adams also spoke about his research with Shell Oil, research in which he has been looking at the problems of line supervisor, and management's appreciation of those problems.

In addition, Dr. Adams has been exploring ways in which supervisors and managers might jointly define the problems and determine possible solutions to them.

Two other University staff have also given seminar papers. They are Mr. Robin Horne, lecturer, Department of Sociology, and Mr. Jim Langridge, head, Administrative Data Processing Unit.

## Alex South dies

Mr. Alex South, Crew Chief, who retired on February 18, died on April 6.

Alex joined the University College staff on June 1, 1970, after a short period working for the Wollongong Institute of Education (then Wollongong Teachers' College). Before that, he had worked for nineteen years for the Hackney Borough Council, London.

Alex was popular with all the people with whom he worked and often smoothed out difficult situations by his cheerful approach to work. Many University staff attended his funeral, and a large group of the cleaning staff formed a guard of honour.





**COUNSELLOR, Mr. Michael Breen (second from left) with some of the Year-12 country high-school students who visited the University between May 4 and 6. They are, from left: Coleen Heffernan, Moruya; Danny Kruik, Yass; Michelle O'Brien, Moruya; and Julie Richards, Moruya.**

## Country students visit University

Twenty Year-12 students from country high schools visited the University on May 4, 5 and 6.

The students came to gain some insight into University life and the various areas of study at the University.

They met staff from all faculties and spent some time with students and student counsellors.

Through the informal discussions with members of the University, the students were able to return to school feeling much better equipped to make well-informed decisions about any future courses of study.

A similar visit was arranged in 1976, but this year the numbers of students participating doubled. Students came from schools in Yass, Narooma, Moruya, Bega, Braidwood and Goulburn.

On behalf of the students and myself, I would like to take this opportunity of thanking all those who took part and helped to make the visit a success.

**Mrs. Dorothy Schneid,  
Schools Liaison Officer.**

## 2 Staff guest speakers at transport seminar

Two senior lecturers from the University were guest speakers at the Shellharbour Transport Seminar at Shellharbour on April 22.

Mr. John Steinke and Dr. Donald Pearson-Kirk each gave papers at the seminar, which was attended by Transport Minister, Mr. Cox.

About fifty people, representing most sections of the community, attended the seminar, chaired by Ald. R. Harrison, of Shellharbour Council.

Mr. Cox spoke for about fifteen minutes on the two papers presented by Mr. Steinke and Dr. Pearson-Kirk.

He promised to look closely at both papers and the problems they raised and the solutions presented.

Mr. Steinke told the seminar that bus services between Shellharbour and Wollongong were infrequent, and that equipment was antiquated and travel times slow.

He said that the inadequacy of the local bus services forced excessive reliance on the private car, with about eighty-three percent of the Shellharbour population now using a car for work transport.

"The majority of these work journeys, by private cars, are made without passengers," he said.

"A survey of traffic on Windang Road, in February, 1972, showed the average passengers per car on work journeys was only 1.7 people."

Mr. Steinke disputed the findings of a Rankine and Hill consultant's report for the Housing Commission, which predicted that by the year 2000, 18,000 jobs would exist within Shellharbour and that thirty-five percent of work and twenty percent of

other journeys would be by public transport.

"These employment forecasts seem most unlikely to be achieved or even remotely approached," he said.

"The only chance is if there is strong action by the Commonwealth and State Governments to direct industry into Shellharbour."

"No such action appears to be contemplated."

Dr. Pearson-Kirk, speaking at the seminar, said a survey conducted by him showed that eighty-four percent of residents were dissatisfied with transport facilities in the municipality.

"More than seventy-five percent of residents gave their main requirement as the improvement to bus services and greater route coverage."

"Improvements to roads came second only to provision of sewerage in order of priority."

Dr. Pearson-Kirk said in his summary that the municipality of Shellharbour faced particular problems with respect to traffic movement, both now and in the future.

He said that authorities should not be planning toward the year 2000, but toward the next five or six years when many traffic-movement crises would overtake the municipality.

## Fire drills for campus

The University will hold fire drills in each building on campus during the next twelve months.

When the alarm is sounded, it is expected that all people in a building will leave and assemble outside. Departmental Safety Officers will help me to ensure that a building is completely vacated.

The object of these drills is to see how long it takes to vacate each building. (It is expected that the largest buildings on campus will be vacated in a maximum of four minutes).

Any problems which occur will help our planning should a real emergency arise.

Your co-operation is sought to make these fire drills as effective as possible.

**Ian Lowe,  
University Safety Officer.**

## News from Staff Office

### UNIVERSITY EMPLOYEES (LONG SERVICE LEAVE) AWARD

Following a Consent Award by the New South Wales Industrial Commission, general staff members are eligible for three months leave on full pay (or six months leave on half pay) after ten years fulltime service. The Award took effect on May 11 this year. Further particulars are available from the Staff Office.

### SALARY RATES

A copy of the academic and general staff salary rates, including the latest State Wage increase, is available on the notice board outside the Staff Office.

# Study for Ph.D. now a reality with move to Australia

Research student in the University's Department of Philosophy, Madeleine Cincotta, said that it would have been impossible to study for her Ph.D. if she had not left America to live in Australia.

She said that in America the expense of fulltime tuition and child-minding for her two pre-school children would have been "out of the question".

"Now, thanks to Kids Uni here at the University, I am able to fulfil my ambition," she said.

The subject of her Ph.D. thesis will be contemporary aspects of Thomistic thought.

Mrs. Cincotta, the wife of Italian lecturer, Dr. Vincent Cincotta, in the University's Department of European Languages, is an accomplished singer.

She studied voice for ten years in New York City and at the Luigi Cherubini Conservatorium in Florence, Italy.

She gained her B.A. in Modern Languages at Fordham University, America, and received her M.A. in Italian at Middlebury University College.

At Fordham, she won a gold medal for topping her class in overall academic achievement as well as in philosophy and a silver medal in modern languages. She taught Italian, French and linguistics at the secondary and tertiary level in America.

Mrs. Cincotta is already involved in the music world in Wollongong. At Easter, she sang a duet with Helen Mandl at St. Francis Xavier Cathedral, where she has joined the cathedral choir.

Mrs. Cincotta said that she had fallen in love with Wollongong. "It has the character of a small town and there is an excitement and enthusiasm around the University campus," she said. "I also love living near the sea."

Her hobbies include baroque music and international cooking.



MRS. Madeleine Cincotta.

## Rewarding career — Jim Stephens



DR. Jim Stephens.

The first academic to retire from the University of Wollongong, Dr. Jim Stephens, said that his career had been rewarding and had far exceeded his expectations.

He said that it had been a wonderful experience lecturing students, whom he had always found to be keen and interested.

Dr. Stephens, who was a senior lecturer in the Department of Physics, retired in January.

He will most likely be best remembered on campus for the astronomy undergraduate course he introduced in 1971. It is still the only course of its type in Australia.

Dr. Stephens began lecturing at the University College twelve years ago after

## Not enough experimenting with new computing methods

The University's new systems programmer, Dr. John Oliver, believes Australia does not often enough experiment with new computing methods, but waits for other countries to invent new programming techniques.

Dr. Oliver, an American who migrated to Australia in 1971, is working with systems programmer, Mr. Jim McKee, rewriting most of the University's key to disc programme, called "WOLFE". They hope to complete the project by September.

Dr. Oliver has become an expert in his field despite the handicap of nerve deafness. He has had little hearing and has lip-read since he suffered from measles at the age of three.

"When I came to live in Australia it took me almost six months to understand the accent," he said. "Because of my deafness I cannot become involved in group discussion and may never get a management position. But it does not worry me, as I enjoy programming."

He gained his B.S. at the University of Rochester (1959), and his M.S. (1961) and his Ph.D. (1965), both at the Carnegie Mellon University.

For two years, Dr. Oliver was a senior scientist at the Avco Missile and Space Division, Massachusetts.

In 1967 he worked as a member of the Technical Staff Autonetics Anaheim, California, and in 1971 became a research associate at the Roswell Park Memorial Institute, Buffalo.

leaving the W.S. Robinson College of N.S.W. at Broken Hill.

"It was a struggle when I first started as a teaching fellow on about \$1600 a year; but it has all been worth it," he said.

Since his retirement, Dr. Stephens has enjoyed reading, listening to classical music,



DR. John Oliver.

On his arrival in Australia, he worked as a systems programmer at Computer Manufacturers, in Sydney, and later at Computer Sciences of Australia. His hobbies include reading (history and science fiction), sailing and two Burmese cats.

gardening, and travelling.

He recently toured New Zealand and is planning a trip to Cairns in July. "I also hope to go to England to see my mother and aunt, who are both in their nineties," he said.

# David Carey tops state

Technical assistant in the University's Estate Division, Mr. David Carey, has topped the State in a post-trade course he completed last year at the Wollongong Department of Technical Education.

Technical Education Director, Mr. M.V. Watson, will award Mr. Carey with three prizes at the annual presentation night at Wollongong Town Hall on June 29.

In addition to topping the State in the three-year Building Foreman Clerk of Works course, he gained the highest marks in the State for stage three of the course and topped his class.

Being first is not a new experience for Mr. Carey. He topped the State in stages one and two of the course and gained the highest marks in New South Wales for stage five of a Higher Trades Course in 1952.

Mr. Carey, who has worked at the University for four years, is currently doing a three-year Survey Certificate Course with Sydney Technical College's Department of External Studies.

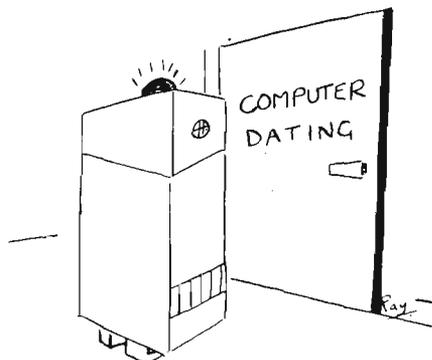
He said that when he completed the survey course he hoped to study at University.

## APPOINTMENTS

Mrs. D. TER BEEK		
Machine Operator	A.D.P.Unit/ Library	26/4/77
Miss D. DAVIS		
Secretary	Accountancy	26/4/77
Mr. D. WHITELAW		
Garden Labourer	Estate Division	29/4/77
Mr. B. JONES		
Snr.Tech.Officer	Science Faculty Workshop	9/5/77
Mr. L.B. MITCHELL		
Tech. Officer	Accountancy	9/5/77
Ms. L.M. MUSGRAVE		
Library Assistant	Library	9/5/77
Mrs. C.D. BOYD		
Machine Operator	A.D.P.Unit	18/4/77

## RESIGNATIONS

Mrs. V. WYNACK		
Office Assistant	Library	5/5/77
Mrs. D. SCHNEID		
Admin. Officer	Information Office	13/5/77
Mr. G. ROODENRYS		
Admin Officer	V.C.'s Unit	15/4/77



# China expert gives a public lecture



## DR. Stephen FitzGerald.

Dr. Stephen FitzGerald, Australia's first ambassador to The People's Republic of China, gave a public lecture at the University of Wollongong on May 5.

Now Professorial Fellow in Modern Chinese History at the Australian National University, he is the A.N.U.'s inaugural Convocation lecturer.

He prepared five lectures under the general title, "China and the World", in which he dealt with aspects and issues related to the internal and external affairs of The People's Republic.

Between March and May, he presented one each of these lectures in centres throughout Australia and New Zealand. More than 300 people attended the Wollongong lecture which covered China's foreign relations with Japan.

Arranged in association with the University of Wollongong, the lecture was open to all interested in Dr. FitzGerald's accounts, impressions and views after four years in China.

Dr. FitzGerald became Australia's first ambassador to The People's Republic in 1972 at the age of 34.

In the ensuing years, Australia's Peking embassy was built up from nothing and put on a sound operational basis.

For the first time, Australia received reliable, first-hand reports, interpretations and assessments of what was happening in The People's Republic.

During his time in China, Dr. FitzGerald impressed the Peking Diplomatic corps with his knowledge of the Chinese language, the foundations of his scholarship — his knowledge of the history and culture of the country, and his diplomatic skills.

Back in Australia, he has now an established reputation as a China scholar and as an ambassador of proven achievement.

# SPORT

## Big night for Cricket Club

The first University Cricket Club Dinner and Presentation Night was held on March 25 in the Union Common Room.

Distinguished guests included the presidents of the Illawarra District Cricket and Umpires' Associations and their wives.

Guest speaker, Mr. Bruce Francis, spoke lightheartedly about his Test experiences and the notable cricketing characters with whom he was associated during his career.

A representative University side played a two-day game against Newcastle at Newcastle on the next weekend.

Many of the lads were feeling the after-effects of the dinner plus the trip to Newcastle, and some marathon batting performances (for very few runs) were recorded.

Sunday's play developed into a "cliff hanger", with Newcastle finally winning by one wicket.

The hospitality of the Newcastle lads was tremendous and everyone had a great time on their weekend away.

Although University failed to make the semis in any grade, there were some encouraging performances during the season. These included a convincing win in first grade over last season's premiers, Dapto.

Outstanding individual performances were:

	Batting	Bowling
1st gde.	<b>Geoff Boxsell</b> 530 runs at 58.89 h.s 117 n.o. and 111 n.o.	<b>P. Sharp</b> 32 at 16.84
2nd gde.	<b>J. Pemberton</b> 322 at 46	<b>S. Hodgson</b> 27 at 14.19
3rd gde.	no aggreg. 200	<b>J. Pedersen</b> 34 at 9.06
4th gde.	<b>C. Swyer</b> 244 at 18.77	<b>T. Graham</b> 25 at 9.04

## Uni leads in table tennis

After only two weeks of the winter table tennis competition, Uni. 1 has become outright leader in Division 1.

It beat both Beaton Park Devils and last year's premiers, Lysaghts A, by 6-5.

Uni. 2, which is new to Division 1, has so far won one and lost one game.

In Division 2, Uni. 3 is running first on averages having won its opening matches 8-3 and 9-2, Uni. 4 has not played.

In Division 3, Uni. 5 has won its only match so far; in Division 4, Uni. 7 has won one and lost one. Uni. 6 (Div. 4) and Uni. 8 and 10 (Div. 5) have lost the one game played so far; Uni. 9 has had a bye.