

## ORIENTATION WEEK ISSUE

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### VICE-CHANCELLOR'S GREETING

Welcome to The University of Wollongong. You are coming to a campus that is still developing the particular style of its contribution to university life in this country but it is already displaying some features of a Wollongong approach. The University is a comparatively small one occupying a rather oddly-shaped site which stretches to the lower slopes of rain-forest and mountain in the west and is within sight of the ocean to the east. In so far as size determines character, we yet retain what E.F. Schumacher has called "the convenience, humanity and manageability of smallness".

You will not be able to lose yourself on our compact campus without some ingenuity. It is a place bereft of gothic architecture and gargoyles but it has, at the same time, been spared the horrors of those concrete edifices that seem almost to fortify other campuses. The buildings are modern and some, particularly the Pentagon, (our lecture theatre complex, not the Administration headquarters!) and the Library, are distinguished by colour and location. Overall, it is a harmonious look that has not deteriorated into arid sameness.

A very happy feature of the last few years has been the "greening" of the Wollongong campus, which has been going ahead at a great rate. One sometimes suspects that our gardening staff would be firmly on the side of the Triffids as the greenery of native trees and plants gradually overtakes car parks and breaks through paving slabs. The main attractions for this arboreal ardour are the University's oldest inhabitants - the figtrees to the west of the Union. These grand old veterans provide a backdrop for lunch-hour seminars attended by well-known personalities and they also look down, somewhat superciliously, on many a pop concert.

The University's twenty-one academic Departments will offer you a wide range of subjects which can draw you into the ambit of scholarship and research being conducted at the frontiers of knowledge. This will be true even though your own detailed studies deal with only a part of the range for, as Newman wrote of the students' experience at university: "... though they cannot pursue every subject which is open to them, they will be the gainers by living among those and under those who represent the whole circle." Thus you will be part of an endeavour ranging in its variety from the Department of Chemistry with its highly respected research into the metabolic processes associated with leukaemia to the Department of European Languages which is distinguished not only by its ebullient staff but by a study of Italian Opera. The University is also known widely for its Centre for Multi-Cultural Studies which is so relevant to the needs of the community that surrounds us. This sort of interaction with the local community is a special Wollongong feature. Our Departments have not been content with an 'ivory tower' existence and have become actively involved in contemporary social issues.

It is important that you choose wisely from the somewhat bemusing array of subjects so never be afraid to ask for advice. I believe that a most important feature of the Wollongong approach is its humanity, its opportunities for personal contact between staff and students. We are a new university in a setting not known for its "dreaming spires" but we are able to provide for that meeting of minds, ideas and personalities which was so much a part of the great universities of England and Europe. You will come to know your academic staff quite easily and they will know you.

Wollongong is renowned for a casual, friendly atmosphere that pervades even the corridors of the Administration! Your academic advisers will help you to arrange your course of study and members of the academic staff will be happy to explain critical points of

argument that seemed at first to float some distance above your head. The administrators, and especially those in the Student Enquiries Office, will always be prepared to guide you through the mysterious ways of University rules and requirements. Both academics and administrators will be ready to talk to you about your general trials and uncertainties but if you have particular personal or study problems you should visit the Counselling Centre where professional and concerned staff will listen to and advise you. You will also be helped to "keep body and soul together" by the facilities and activities provided by the University Union. Your Students' Representative Council is there as an outlet and a support for views and interests which you may also have the opportunity to air as a student representative on one of the Committees which guide the University's course of development.

The convivial nature of the Wollongong campus does not detract from the seriousness of its commitment to the extension of knowledge. As a student of this University you will no longer be able to remain 'passive' in a process of education; you will, instead, be treated as a very active participant in a course of discovery. Your intellectual energies will be, sometimes painfully, engaged by the expectations that surround you. Do not be deceived by popular misconceptions of university life for it is a place of high expectations.

A university is concerned with the pursuit of knowledge and the continual refinement of intellectual skills. The undergraduate years in particular are more concerned with the journey than with the destination. That journey will be full of incident. There must be some toil and trouble, but you will be rewarded by the sight of new, although often disputed, territories, and you will find the going smoother as your skills develop. You will also meet companions and guides along the way; they will not always agree with you and will sometimes lead you along tracks you never thought to follow. Your social skills and attitudes will sharpen and change as you mix with this varied, sometimes motley, crew.

One great asset of university life, and particularly life in a small university such as Wollongong, is tolerance of difference - different opinions, appearances and personalities. As your knowledge expands so also will your ability to admit other viewpoints on the nature of things. You may decide to disagree or you may change your own attitudes but you will always learn something from the encounter. A University is a place where hypotheses are tested, opinions weighed and so-called facts called into question. The outward serenity of a "green and pleasant" campus and the leisurely rhythms of the academic day tend to conceal an intellectual restlessness that expresses itself in the verbal exchanges of class and tutorial, in the quieter concentration of the laboratory and in the rustle of pages in the Library.

I hope that you enjoy your years at Wollongong - whether you come as full-time or part-time student, mature aged entrant or school leaver. You will each have different needs and problems but remember there will always be someone there to help and guide you. A university encourages independence of mind but it has also been described for centuries as a "community" of scholars and masters. Newman saw a university as an "assemblage of learned men, zealous for their own sciences and rivals of each other, ... brought, by familiar intercourse and for the sake of intellectual peace, to adjust together the claims and relations of their respective subjects of investigation. They learn to respect, to consult, to aid each other." You are now invited to become a part of that assemblage, that community, and you will be expected both to give your energy and commitment to it and to take from it the encouragement, enlightenment and fellowship which it offers.

L.M. Birt,  
Vice-Chancellor.



**Above: Paul Buchorn (extreme R.) and his four fellow Australian students, before leaving for Japan. (See story page 3).**

**Below: When Mr. Malcolm Black, Patrol Services, (third from L.) retired in 1978 colleagues presented him with a special party cake. From L. Mrs. M. Errey, Mr. Ben Meek, Mr. Black and Mr. Jo Lemme.**





# REPORT ON VISIT TO JAPAN

Last year Mr. Paul Buchorn, then a third year student of Mechanical Engineering, was one of five Australian students selected by the Mitsui Educational Foundation to spend a month in Japan as guests of the Foundation. The visit extended from November 23 to December 23 and is reported upon by Mr. Buchorn below.

The overall impression of Japan after one month is a hesitant description of enormous culture differences and vast industrial development.

It is like this because one month is nowhere near enough to understand, but somewhat enough to, at least, appreciate what is involved in becoming aware of a country like Japan. Because one learns so much in a month it is quite reasonable to expect that, with a longer period, the "2-month-" or "12-month-" impression may be totally different in attitude or emphasis of feelings.

Regarding the size of Japanese Industry. I was personally not surprised - but very impressed. The capacity of the industry was quite what I expected for a country whose economic structure is based on manufacturing. However, automation and technical development was spectacular to envisage. A point to keep in mind is that we visited perhaps the most sophisticated works in major industry, and that it was not an accurate cross-section of how money is earned in Japan.

This existence of large trading companies (such as Mitsui & Co. Ltd.,) was a completely new concept of business for me. The relationships and responsibilities between employee and company and the decision making process were also enlightening. For the Tokyo businessman much of his day is devoted to the company. Because of strenuous and difficult travelling associated with business in Tokyo, I feel the good productivity and efficiency of the worker is out of phase with that of Australia. After getting over travelling, etc., good concentration begins from 11.00 a.m. onwards. To compensate, work carries on to 7.00 or 8.00 p.m. at night. However, such impressions are subject to my having only limited experience on this point.

Japanese people and culture perhaps provided me with a greater experience than having inspected the industries because I had little preconception of this facet of the country. I found them to be a tolerant people that show affection more readily than any other race I had known. Their attitude of such discipline and respect is difficult to understand in one month.

Westernization has changed the appearance of Japan in a visual sense more than any other. The persistence of culture in everyday life has provided a compromise in the lifestyle of Japanese youth. The future of this (including the role of women) I feel unqualified to speak on, but it will be most interesting to monitor any changes and observe the outcomes.

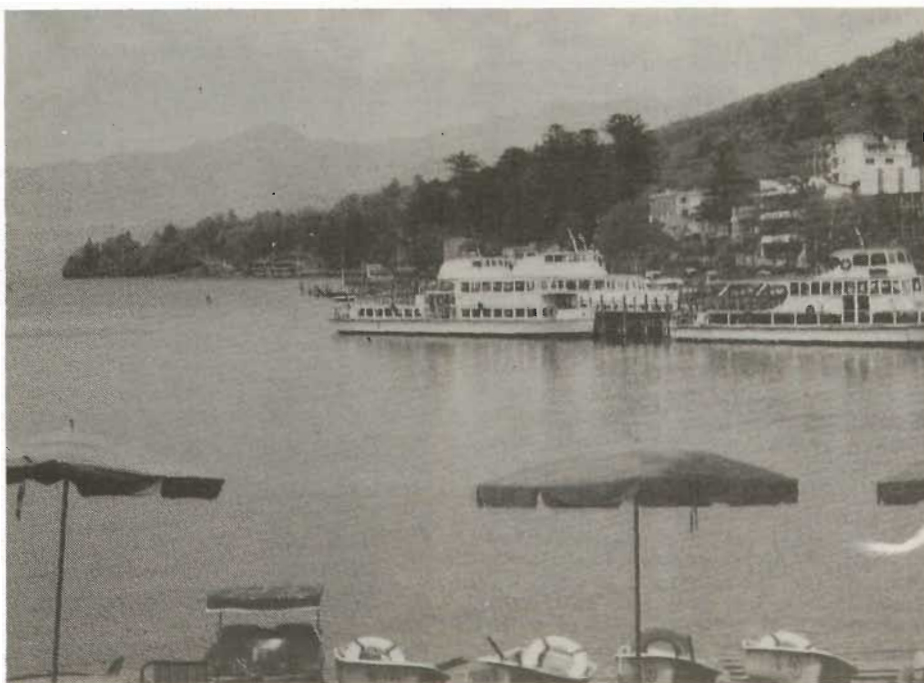
With respect to the M.E.F. programme, the Australian students' technical backgrounds posed questions to the attendants and company officials that often could not be technically answered because their majors were economics and finance.

Finally, the M.E.F. programme was of great value to my awareness and appreciation and understanding of Management.



Above: Western style dress for children and adults is prevalent in Japan for reasons of comfort and convenience, but the beautiful traditional dress may still be seen.

Below: "The Happy Lake", part of the Nikko National Park, a popular Japanese holiday resort.



# WHO'S WHO IN UNIVERSITY ADMINISTRATION



Above: The Vice-Chancellor, Professor L.M. Birt.

## VICE-CHANCELLOR

The Vice-Chancellor is the chief executive officer of the University. He is responsible for the oversight of University activities, both academic and non-academic, and has a key role in the formulation of University policy and in the planning of the institution's future development.

The Vice-Chancellor's responsibilities are carried out through investigations, discussions, and a number of internal and external commitments. On campus, the Vice-Chancellor meets with individual members of the University and with Departments and Faculties; he takes a major part in meetings of the University Council, the Academic Senate and committees concerned with planning and resources management. He also maintains regular contacts with the Students' Representative Council, the University's Academic Staff Association, the University Union and the Sports Association.

Externally, the Vice-Chancellor participates in the meetings of bodies such as the Australian Vice-Chancellors' Committee and the New South Wales Science and Technology Council. He has formal and informal contacts with, for example, regional and civic groups, industry and commerce and State and Commonwealth authorities (particularly the New South Wales Higher Education Board and the federal Tertiary Education Commission). International contacts are made through the Commonwealth Universities Association, the International Association of Universities, overseas visits, courses and conferences.

With the details of operational management in the hands of the Deputy Vice-Chancellor, the Vice-Chancellor has a greater opportunity to take an overview of university development and is able to act as initiator, adviser, conciliator and arbitrator.



Above: The Deputy Vice-Chancellor, Professor A.M. Clarke.

## DEPUTY VICE-CHANCELLOR

The post of full-time Deputy Vice-Chancellor has evolved from the functions formerly carried out by two part-time Deputy Vice-Chancellors. The Deputy Vice-Chancellor is directly responsible to the Vice-Chancellor and is principally involved in the implementation of policies, particularly those relating to finance, staffing, and student performance and welfare. The Deputy Vice-Chancellor also serves as Acting Vice-Chancellor in the absence of the Vice-Chancellor.

## THE ACADEMIC REGISTRAR

The position of Academic Registrar was created following the recent re-structuring of the University's administration. The Academic Registrar, Mr. Challice Moldrich, looks after four main areas:

**Student Administration and Schools Liaison** - Mr. Kevin Turnbull (Assistant Registrar) is responsible for the admission and enrolment of students through to their graduation. This entails selection for admission, the recording of student performances, and the determination of a student's standing. Student Administration also provides information about the University's activities to schools and potential students through the work of the Schools Liaison Officer.

Staff and students are invited to contact directly the staff of the Student Administration section (situated on the ground floor of the Administration Building), who will provide whatever assistance is possible.

The staff and their respective duties are as follows:

Mr. Peter Wood - Admissions, enrolments, higher degrees.

Mr. Warren Mahoney, Mr. Harry Alla - Examinations, student records, time-tabling.

Mr. Barry Lake - Examinations, time-tabling, room bookings.

Mr. Tom Moore - Schools Liaison.

Mrs. Ruth Church, Mrs. Marilyn Johnson - Student Enquiries.

**Counselling** - The Student Counselling Unit, which includes the student health service and the student accommodation service, is under the administrative umbrella of the Academic Registrar, although the Senior Counsellor is also responsible to the Vice-Chancellor. (See separate article on the Counselling Centre).

**Administrative Data Processing** - The data processing needs of the administrative division are provided by this unit (A.D.P.U.), which has responsibility for providing basic statistical data for the University and government agencies.

**Secretarial Services** - The Academic Registrar's Division provides the secretarial services for the University's Council, the Academic Senate, and each of the five Faculties.

Mr. Jim Langridge is responsible for A.D.P.U. and Secretarial Services.



Above: The Academic Registrar, Mr. C. Moldrich.



### THE BURSAR

The Bursar, Mr. Ben Meek, is responsible to the Vice-Chancellor for the operation of the Finance and Staff Offices, and for providing advice to the Vice-Chancellor in the areas covered by them.

The specific areas are accounts, budgeting, purchasing, the central store, appointment of staff, personnel functions, and industrial matters.

Within the Bursar's Division, Mr. Hugh Brandon is in charge of the Finance Office, including purchasing and the central store. Mr. Les Noffke is in charge of the Staff Office.

Mr. Ted Ross (Budgets and Research Committee) and Mr. Colin Lambert (Accounts) are the Assistant Finance Officers. Other members of the Division are Mr. Graham Dunn and Mr. Chris Mann (Purchasing), Mr. Bruce Laughton (Central Store), Mr. Ross Walker (academic staff matters), Mr. John Tubman (matters relating to general staff). Mr. David Guy is the internal auditor, and Mr. Terry Clout is the Industrial Officer.

### CHAIRMAN, ACADEMIC SENATE

In another section of this issue of Campus News there is a brief account of the way in which the University of Wollongong is governed.

The University's academic business, such as proposals for new courses, flow from the departments through the faculties to the Academic Senate. Academic matters are also referred to Senate by the Vice-Chancellor or by the University Council.

The main formal responsibility of the Academic Senate's chairman, Professor Brinson, is to chair the monthly meetings of Senate. To prepare for these meetings, the chairman discusses the items of business with members of the Senate and presides over the Senate's Agenda Committee, which arranges the agenda and prepares draft resolutions.

The Chairman of Senate also represents and speaks for the academic community at meetings of Council, with his counterparts from other N.S.W. universities, and on other occasions where this is necessary.

### THE ESTATE MANAGER

The Estate Manager, Mr. John Bell, is responsible to the Vice-Chancellor for initiating plans, and anticipating the emerging needs of the university community for the physical development of the campus.

Within the limit of funds approved, he arranges for the construction and outfitting of new buildings to designs approved by the University Council's Buildings and Grounds Committee.

He is also responsible for the adaptation of existing buildings to changing needs, and their maintenance. Concurrently, the installed services must be developed to meet new needs, landscaping of new areas, and the maintenance of existing areas.

The Estate Manager, as the chief administrative officer of the Estate Division, is assisted in the discharge of these duties and in the provision of day-to-day services (such as cleaning, physical security, transport, the central registry and mail service, and the university printery) by a number of professional officers and administrators.



Above: The Bursar, Mr. B. Meek.



Above: The Chairman, Academic Senate, Professor G. Brinson.



Above: The Estate Manager, Mr. J. Bell.

### THE REGISTRAR

Following the administrative re-arrangements of late 1978, the Registrar, Mr. Ron Stewart, has taken over the establishment and operation of the University's Development and Planning Office. This office is the vehicle of the University's public relations, fund-raising and planning activities, as well as being the focus from which support services for the University's Planning Committee, and the University of Wollongong Graduates' Association are provided. The University's Development Officer is Mr. Giles Pickford.

Below: The Registrar, Mr. R. Stewart.



**ANZAAS**

The Deputy Vice-Chancellor, Professor A.M. Clarke, attended the 49th ANZAAS Congress, held at the University of Auckland, New Zealand, during January. In conjunction with his wife, Dr. L.L. Vinay, of Macquarie University (who is also a Psychologist) he presented a paper entitled: "The primary prevention of illness: A psychological perspective."

# THE HUT IS THE CENTRE OF COUNSELLING

The Counselling Centre is housed on the periphery of campus in the "Hut". In some ways, the services it offers may be seen by some as peripheral too, since the acquiring of academic knowledge and skills are seen as central. However, the experience of attending University brings about change in people, and the extra knowledge gained in study is only one element of change. So as to assist people in making constructive and creative personal changes, the Counsellors offer the University community various skills and techniques.

Individual or personal counselling is available to help with planning and decision making and with a wide variety of concerns and worries which may be affecting personal, educational and vocational aspects of people's lives. At certain particular stages the assistance of a Counsellor may be indicated, e.g., before attending University to make the transition to University as smoothly as possible. Where the individual feels distressed or unable to resolve a difficulty alone, where a situation or crisis arises with which it is difficult to cope, individual counselling is available. These situations could involve lack of motivation, inability to study effectively, dissatisfaction with one's rate of progress, anxiety in exams, uncertainty about course-choice or career goals; they could involve feelings: anxiety, confusion, depression; they may be to do with interpersonal relationships: people with whom one works, studies or lives, family communications; they could involve graduation and dealing with transition from the University. However, counselling is not merely a first-aid station for those who are in the throes of some kind of crisis. Individual consultation is also available to help people expand and enrich their lives.

In addition to providing individual counselling, the Counselling Centre offers a variety of group programs free of charge to students, intending students, staff, and their families. Groups can create more effective learning environments. The main focus in these groups is on clarifying personal goals and directions, becoming more aware of personal needs, feelings and attitudes in relationships, changing behaviour patterns or learning new study or social skills. Group programs are offered as a result of needs expressed by students or staff as well as the interests of individual counsellors. Examples of groups that have previously been run by the Counselling Centre are Career Life Planning groups, Human Relations groups, groups for women, Psychodrama groups, Encounter - Gestalt groups. We hope, in 1979, to promote groups for people who have either a common problem or a common focus, e.g., forming a group for people breaking away from long-term relationships like marriage, a group for mature age students, a gay group.

Counsellors would only be involved in these groups initially and would then withdraw, but be available for occasional consultation. The Counselling Centre and its staff have, in the past and intend to be in the future, involved, in conjunction with student bodies such as the S.R.C., with Enrolment and Orientation activities.

Finally, to a student or a member of staff there will simply be times when a more objective and trained listener is of benefit.

Appointment to see Counsellors can be made by dropping in to the Counselling Centre or ringing 28.2955 or 28.2925. Notices of group programs will appear on Notice Boards and in University publications such as **TERTANGALA**, **TAKE NOTE**, and **CAMPUS NEWS**.

The following services are also available at the Counselling Centre:-

## ACCOMMODATION

The Secretary in the Counselling Centre conducts a Student Accommodation Service for a range of private accommodation, e.g., board (both 7 and 5 day), single rooms, flats and houses made available by the local community in response to media advertisements.

In addition to the General Accommodation Service, the Secretary also conducts a University Leasing Service. The previously established system will continue to operate whereby the University leases a number of flats and cottages and subleases these to groups of students.

Individual students wishing to take private board, or groups of students wishing to lease a property from the University should contact the Secretary in the Counselling Centre which is located in the Hut (near the tennis courts), or 'phone her at 28.2955 as early as possible in the year.

## EMPLOYMENT

The Student Employment Service, run in conjunction with the Commonwealth Employment Service, is located in the Hut. The Service provides information about casual and part-time work throughout the year, plus vacation work. All positions available are displayed on two boards: one in the Hut, the other in the Union Foyer.

Students interested in tutoring in any subject at any level may register with the Counselling Centre Secretary. All positions available will be individually notified where possible.

All enquiries concerning casual, part-time, vacation work and tutoring should be directed to the Student Employment Service, 'phone 28.2955.

## MEDICAL SERVICE

A Student Medical Service has been established at the University and is located in the Hut. The names of the practitioners, together with surgery times, are available on campus notice-boards.

Students registered with Medibank must produce a card or book at the time of consultation in order to sign Medibank forms for the practitioner. Students registered with Private Funds pay a fee equal to the benefit paid for ordinary consultation by the Private Fund and a receipt is issued so that a claim can be lodged.

It is preferable that appointments be made prior to surgery hours.

For enquiries about the Service or to make appointments contact the Counselling Centre Secretary, 28-2955.

## Counselling Centre Staff are:-

Monica Manton	Counsellors
Michael D. Breen	
Marion Allen	Secretary



Above: Counsellors Michael Breen (L.) and Monica Manton (R.) with Secretary Marion Allen.

# LAKE MANAGEMENT SCHOLARSHIP

The University of Wollongong has announced that an "Illawarra Lake Management" Scholarship will be tenable at the University from 1979 onward.

The scholarship will be available to a postgraduate student whose research project covers issues relating to the management of Lake Illawarra by both local and State governments.

The Wollongong City Council and the Shellharbour Council will jointly donate the \$2,000 annual stipend granted under the scholarship award, and the University and the Illawarra Lake Management Committee will make available their research facilities to the holder of the scholarship.

The Registrar of the University, Mr. Ron Stewart, told Campus News that the University was grateful to the two councils for their contribution to the scholarship.

Mr. Stewart also said that the work completed by future holders of the Illawarra Lake Management Scholarship would form valuable contributions to the data base first established by the 1976 Environmental Assessment Project.

## BEYOND THE THREE R'S

"Geriatrics Lib" and Leagues Clubs as centres of Australian folk culture were among the thought provoking issues discussed at the two day seminar "Beyond The Three R's" held at the University during the second semester of 1978. This was under the auspices of the University's Department of Education, and chaired by Dr. P. de Lacey.

Approximately 100 persons attended, including undergraduates and graduate students and other interested persons from the University and the community.

Dr. de Lacey reports on the seminar as follows:-

I have been asked to report on presentations by visiting lecturers based on the theme Beyond the Three R's which I arranged for students. The first of these was by Dr. Rob Tierney, an Australian who is now a permanent resident at the University of Arizona at Tucson. His contribution brought us up to date on researches in reading, probably the most researched among the school communication skills. We also learned of the efforts some American states are making to ensure that minority groups are represented in reading materials. In California, state officials vet reading books submitted for adoption. Early on, the Women's lobby insisted that such books should refer to Mary and John as often as John and Mary; but now they have been superseded: the books also have to speak of Jose and Maria, and there must be (active) geriatrics, a sprinkling of cripples, tall and short minorities among the black, brown and white faces.

The geriatrics are currently very strong on minorities' rights: recently the appeal of an American full professor, forcibly retired as a contribution to unemployment, was upheld, and the university concerned had to take him back.

The second speaker was Dr. Millicent Poole, of Macquarie University. She described Project Talent and its implications, and referred to work she has been doing in Melbourne, following up the employments (and unemployment) of teenagers after they leave high school. Dr. Poole, who is an associate professor, is also concerned with intercultural studies and early childhood education. Thirdly, Dr. Alan Kerr offered a paper in which he argued strongly for the legitimacy of an Australian culture in terms that are often considered trivial or unworthy, perhaps because they are familiar and occasionally derided. He sees local institutions like leagues clubs as centres for the development of a genuine local folk culture and support system. Dr. Kerr is head of the Centre for Intercultural Studies at the Armidale C.A.E. Finally, a workshop on creativity and giftedness was conducted by Dr. Warren Lett, a reader in education at La Trobe University. Students accepted an invitation to participate in experiences designed to explore and realise creative potential.

In a small university such as ours, where it is often not possible to represent all major areas of enquiry even by one member of academic staff, such visits as these seem invaluable. We look forward to more of them.

## WOMEN GRADUATES

The Illawarra branch of the Australian Federation of University Women, more commonly known as "Women Graduates", is part of a worldwide organisation, the International Federation of University Women, which has its headquarters in Geneva. The Federation involves itself in issues that assume importance at the local, national and international levels, and regards itself as a forum for the expression of opinion of educated women. For example, the I.F.U.W. has an ongoing concern for the position of women graduates in underdeveloped countries, while the N.S.W. State branch is currently preparing a written response to the alleged discrimination against women principals in high schools.

The Illawarra branch was formed in 1962, and meets on the first Wednesday of every second month in the tea room of the University's Metallurgy building.

Guest speakers for 1978 included Mr. Frank Arkell, Lord Mayor of Wollongong; Mrs. Helen Larcombe, S.M., who spoke of her experiences working in the Children's Courts, and Dr. Clare Cunningham, whose work involves the care of hyperactive children. The annual dinner of the branch, held in November, was addressed by the University's Professor of Philosophy, Lauchlan Chipman, on the subject of the changing concepts of standards in Australian education.

The Illawarra branch is keen to enlarge its membership and particularly invites young women graduates to join the group. Any enquiries would be most welcome and may be directed to Doreen Turnbull (282891), Heather Nash (282975), or Helen Naylor (713702).

## STUDENTS' PRIZES

Two economics students from the University of Wollongong won prizes for essays on inflation in a competition for all Australian universities organised by the Anti-inflation Committee. (The Committee comprises Mr. A.F. Deer, Chairman, Sir John Egerton, Professor W.P. Hogan, and Mr. Philip Shrapnel).

Mr. Shane Hugo's essay was judged first in its category, which was open to final-year undergraduates. The title was "Inflation in Australia - What are the practical cures?". The prize was \$800.

Mr. James Guest's essay on "Inflation in Australia - Structural instability: A turnpike solution" gained a merit award of \$150 in the postgraduate section.

The two essays have been published by the Department of Economics in their Bulletin No. 10. They were discussed by staff and senior students in the Department's final seminar for the academic year 1978.

The authors are both planning to develop further the analysis they have used. Mr. Hugo, having completed the course requirements for his pass degree, is enrolled as a candidate for B.Com.Hons. He may continue in his final Honours year with his study on inflation and in particular the significance of monetary lags. Mr. Guest's study of structural instability and industrial change is also continuing: in his research as a Ph.D. candidate and a Commonwealth Postgraduate Scholar, Mr. Guest has worked on problems of development. His paper on Income Inequality and Economic Growth in Underdeveloped Countries: an Econometric Analysis was presented at the Seventh Conference of Economists of Australia and New Zealand in August 1978.

## Gapo Visits University

On Tuesday, 10th October, 1978, the Yugoslav film director Branko Gapo visited the University. He was the guest of the Department of European Languages and was welcomed by Dr. D.S. Hawley and members of the Yugoslav community.

Mr. Gapo had come to Australia for the Adelaide International Film Festival which screened his film *The Longest Day*. Set in Macedonia in 1903 the film tells the story of a group of villagers fighting for freedom from the Ottoman Empire and of their fate when they are sentenced to long prison terms and transported to Turkey. Visually the film is quite striking. The film was screened in Pentagon 5 at 7.30 p.m. with Mr. Gapo and members of the Yugoslav community in attendance. Mr. Gapo was delighted to be received by the University and is looking into arranging to have more Yugoslav films sent to Australia.

The Department of European Languages will be organizing more of these programmes in 1979.



# UNIVERSITY GOVERNMENT BY PROFESSOR G. BRINSON

Universities as we see them today have developed over a period of some 800 years as an effective means of developing and passing on mankind's store of knowledge and understanding. The nature and extent of what we count as valuable knowledge has, of course, changed greatly over the years; for example, the growth of the physical and biological sciences in the universities has been a development mainly over the past 100 years or so, and a striking expansion of the social sciences has taken place even more recently. Such developments can be contrasted with disciplines such as philosophy which, in one form or another, have always been the concern of the universities. Furthermore since their beginnings universities have sought to apply their knowledge to human affairs and this concern has fostered the cultivation of disciplines such as engineering, law and medicine.

The number and diversity of the disciplines pursued by a modern University has typically led to the development of a departmental structure in which separate, largely independent, departments are responsible for the development and presentation of each discipline.

At present, Wollongong has twenty-one such departments and details of staff and other such information are set out in the University Calendar. The reputation of any University depends on the excellence of the teaching and research carried out in its departments, and, in a sense, the purpose of all university government is to make the work of the departments as effective as possible.

At Wollongong each department is administered by a Chairman and a departmental committee consisting of the academic staff together with elected student and general-staff representatives. Each departmental committee meets regularly to consider such matters as course revision and future developments in the department.

At present it would seem impossible to cope with the growth of knowledge without dividing it into manageable fields of study in the way described, nevertheless, such divisions are somewhat arbitrary and there is much overlap between closely related disciplines. It is therefore helpful for groups of closely related departments to meet together and discuss issues such as the development and revision of courses offered by member departments, and perhaps the development of new interdisciplinary courses to which several departments might contribute. These groups of departments are known as **faculties** and at present Wollongong has Faculties of Engineering, Humanities, Mathematics, Science and Social Sciences. The membership of each faculty consists of academic staff of member departments together with elected student representatives. Faculties are also concerned with framing the degree regulations governing the degrees for which they are responsible.

Academic business flows from the departments through the faculties to the **Academic Senate**, which guides and co-ordinates the academic activities of the University as a whole. It is the responsibility of the Academic Senate to recommend to the Council of the University academic policies that will, in its view, promote the teaching and research of the University as vigorously and effectively as possible. The Academic Senate comprises the Vice-Chancellor, the Deputy Vice-Chancellor, all Chairmen of departments and faculties, an elected member of academic staff and an elected student from each faculty, together with the University Librarian.

All universities have a supreme academic body such as that described for Wollongong and although the detailed membership differs from university to university the role intended is similar in all cases. Much of the work of the Senate is concerned with framing regulations governing academic procedures such as the admission and progress of students through their courses; the importance of such work to the University can hardly be overemphasized. However, the Academic Senate must also be sensitive to changes and developments taking place in universities generally and in the community as a whole. By being alert to such signals of change the Academic Senate can play its part in guiding the academic development at Wollongong. It seems likely that universities will be less homogeneous in the future than perhaps they have been in the past, and each university will develop its individuality in response to its special opportunities.

A very much wider forum for debate in the University is provided by the **Academic Assembly** which comprises all members of the academic staff, twenty elected student members and the University Librarian. The Academic Assembly normally meets twice each year.

Final responsibility for the government of the University rests with the University Council and in keeping with the University's outward-looking attitude, more than half of the Council's twenty-one members are drawn from the general community and include members well known in academic, parliamentary and industrial fields. Council members from within the University are elected from professional, non-professional, and general members of staff together with student members.

Overall responsibility to Council for the good management of the University rests with the Vice-Chancellor who together with the Deputy Vice-Chancellor forms the main executive link between the academic community and the Council.

Finally it must always be kept in mind that the reputation of the University rests on the quality of its teaching and research; an effective structure can help tremendously, but only as a means to the real end.

# WOLLONGONG ECONOMIST TO BARBADOS

Dr. Andrew McGregor, Lecturer in Economics, has gone on leave for six months to work for the Government of Barbados. He was asked to direct a study of structural change in the economy, with particular regard for the mechanisation of the sugar industry.

The invitation from the Barbados Government is a result of work Dr. McGregor has done in the past on commodity problems in developing countries. He had previously, while in America and Europe, undertaken research on world sugar supplies and market organisation. On his return last year to Australia he published a paper on **The Lome Convention and the ACP Sugar Exporters: The Political Economy of Conflicting Policies** as a Research Bulletin of the Department of Economics.

This paper and journal articles he has published internationally, have attracted widespread interest. However in Australia he is better known for his publications on labour management in industry and the potentialities of worker co-operatives in overcoming both unemployment and inflation.

Originally Dr. McGregor came from Bega. His father, the late Captain Ian McGregor, was well known among those who served with the Eighth Australian Division in the war in the Pacific. The Sydney Morning Herald recently (11/2/78) published an account by Guy Baker of Captain McGregor's achievements in saving lives in the Changi prisoner-of-war camp.

# DRAMA COURSE

This year a course in Drama is being offered by the English Department; lecturer is Maurie Scott, who says that a practical workshop approach to Drama will be adopted and that modern media, such as Film and Television, will be included in the course.

Mr. Scott also said that the course will break new ground because of its emphasis on taking drama to the community and getting people involved in the action.

A Drama Studio, currently nearing completion, is located east of the Pentagon and students will now be able to major in Drama.



## JOAN SUTHERLAND PRIZE AWARDED

Following the visit of Miss (now Dame) Joan Sutherland to the campus of the University of Wollongong on 8th August last year, the Vice-Chancellor donated \$50 for a prize to commemorate the world renowned opera singer's presence on campus. The prize was to be awarded to the most outstanding student in the Italian Opera section of the 2nd year Italian course offered by the Department of European Languages.

Upon the recommendation of the Chairman of the Department, Professor R.B. Leal, this prize has been awarded to Mrs. Helen Mandl for an outstanding essay on Puccini's *La Boheme*. Apart from being a highly successful student at the University of Wollongong, Mrs. Mandl is herself a distinguished singer, having been until recently associated with the Australian Opera.

Below: Dame Joan Sutherland strolling across the campus in company with Professor R.B. Leal (L.) and the Deputy Vice-Chancellor, Professor A.M. Clarke.



Above: Mrs. Helen Mandl.



## Italian Club

IL CIRCOLO ITALIANO DELL'UNIVERSITA DI WOLLONGONG

Well, what really is it, this Italian Club? First of all, it's organized by the students, with guidance from a departmental adviser, for the students. It's ours and our aim is to go beyond books, lectures and tutorials. The Club provides all types of cultural and social supplementary activities for its members. On the social-cultural side so far, in our two years of existence, we have had dinners, feature films, documentaries, concert variety nights with students as performers, picnics, a soccer match and -- we even tried a disco night!

Each year we have sponsored a series of colloquia -- that is, talks by guest lecturers. A theme is set fairly early in the year and in 1978 it was "Il Teatro e il Melodramma" which covered a number of the literature components of the Italian courses. Our biggest success in this area and perhaps overall was being able to persuade Joan Sutherland to come to Wollongong to inaugurate the opera course. If by some chance you don't know who Joan Sutherland is, just do Italian and believe me there is no way you'll finish first session without hearing about her. The Club officers are still taking about "the day Joan Sutherland came to Wollongong".

If cultural activities don't really turn you on, if perhaps you're the more poetical, literary type, we give you a chance to see your work in print, published for all to read. Each year at the end of the second session, our club yearbook "L'Eucaliptus" is put together and circulated. It contains a wide variety of topics from the usual officer's report to poetry, short stories, anecdotes and even recipes. Is drama what you're interested in? We'll provide for your taste there too. Apart from having groups perform for us, we've done a number of things too -- for instance, a 16th century "Madrigal drama"! We Italian students donned our 16th century costumes and masks and mimed while the Sydney University Chamber Choir sang. It was great fun all round and we hope to continue this activity by putting on more plays in the future.

If I continue telling you about what we have done, I'll never finish, therefore, I'll just say what we hope to do in the year to come: we hope to continue with what has been begun -- to broaden our experiences by utilizing and experimenting creatively with what has been presented to us in the lecture theatre. Join us -- it's your Club and your support will add to its success. We're hoping that the years to come will bring fresh ideas.

Hope to see you at our meetings -- you'll have to watch the notice boards. I'm looking forward to seeing you.

Enrichetta Parolin,  
President,  
Il Circolo Italiano.

OUR NEIGHBOURS  
THE INSTITUTE OF EDUCATION  
ARE HERE.

IT'S CALLED SOCIAL SCIENCE  
BUT YOU WILL FIND ASSORTED  
GEOGRAPHERS, PSYCHOLOGISTS,  
SOCIOLOGISTS, ACCOUNTANTS, ECONOMISTS,  
EDUCATORS AND H. P. S'ers.

THE BUILDERS  
STORAGE SHED.

MOTOR  
CYCLE  
PARKING.

PENTAGON  
LECTURE  
THEATRES.

DRAMA  
WORKSHOP.

PHYSICS

CHEMISTRY

YOU CAN'T MISS THE  
LIBRARY IT'S THE  
CENTRE OF CAMPUS.

THE POND.  
CENTRAL  
SQUARE.

LECTURE  
THEATRE

THE GARDENERS  
HIDE OUT.

CIVIL  
ENGINEERS

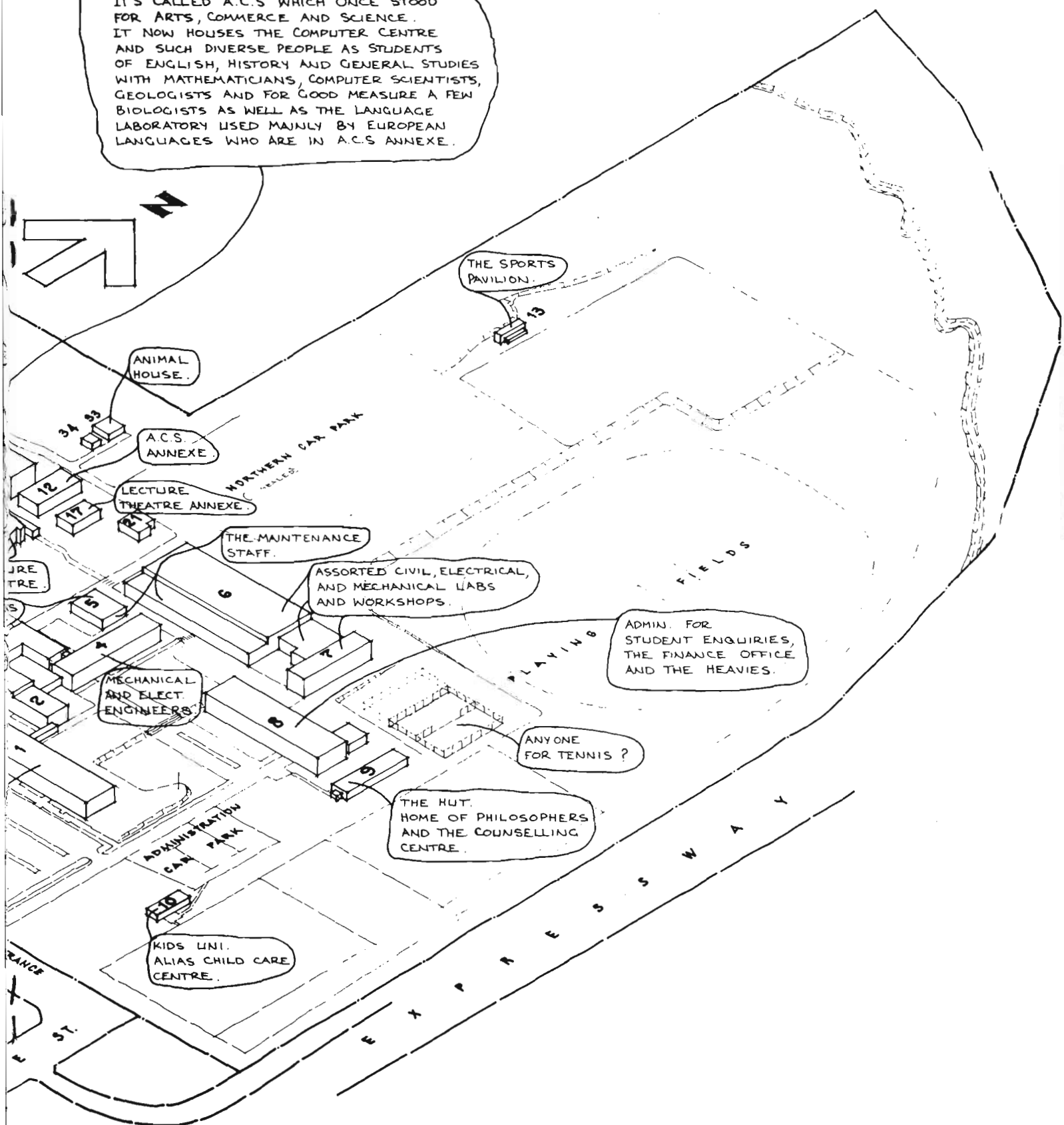
THE UNION,  
IT'S FOR US ALL, AND PROVIDES,  
CAFETERIA, BAR AND BISTRO, BANK,  
BOOKSHOP, UNION SHOP, SQUASH COURTS,  
UNION HALL AND OFFICES FOR THE S.R.C.

BIOLOGISTS AND  
METALLURGISTS DO MIX.

# THE UNIVERSITY OF



IT'S CALLED A.C.S WHICH ONCE STOOD FOR ARTS, COMMERCE AND SCIENCE. IT NOW HOUSES THE COMPUTER CENTRE AND SUCH DIVERSE PEOPLE AS STUDENTS OF ENGLISH, HISTORY AND GENERAL STUDIES WITH MATHEMATICIANS, COMPUTER SCIENTISTS, GEOLOGISTS AND FOR GOOD MEASURE A FEW BIOLOGISTS AS WELL AS THE LANGUAGE LABORATORY USED MAINLY BY EUROPEAN LANGUAGES WHO ARE IN A.C.S ANNEXE.



# OF WOLLONGONG

# DEPARTMENT OF COMPUTING SCIENCE ESTABLISHED

The University has established a Department of Computing Science, effective from 1st January, 1979.

Members of the Department include Professor J. Reinfelds (Chairman); Dr. R.G. Dromey, Dr. T.A. Bailey and Mr. R. Miller (Professional Officer).

Some Computing studies have been offered by the Department of Mathematics for many years but following the appointment of Professor Reinfelds as Professor of Computing Science in May 1975, a three year Computing Science course sequence has been developed so that B.Sc., B.Math. and B.A. students can major in Computing Science.

The establishment of a separate Department of Computing Science follows the acceptance by the Senate and the Council of a proposal made by Professor Reinfelds in 1977.

Professor Reinfelds made the following points: The Computing Science component of the Mathematics Department has developed its own course structure, research interests and graduate programme which overlaps very little with the interests of the real mathematicians of the Mathematics Department.

A Computing Science Department would confirm to the outside world that the University of Wollongong is serious about Computing Science as an academic discipline. This would allow the University to attract better Computing Science students especially at the graduate student level.

Prospective employers of Computing Science graduates tend to prejudge the quality of graduates by placing the University on some "acceptable list". It is considerably more difficult to get onto the "acceptable lists" of most major employers with courses which are "also given in the Mathematics Department".

Mr. Ron Stewart, Registrar of the University, said that over 100 students were already studying Computing Science at the University. As well as a Bachelor's degree, postgraduate diplomas and M.Sc. degrees in Computing Science will be available. The new Department is a member of the Faculty of Mathematics and has associate membership within the Faculties of Science and Social Sciences.

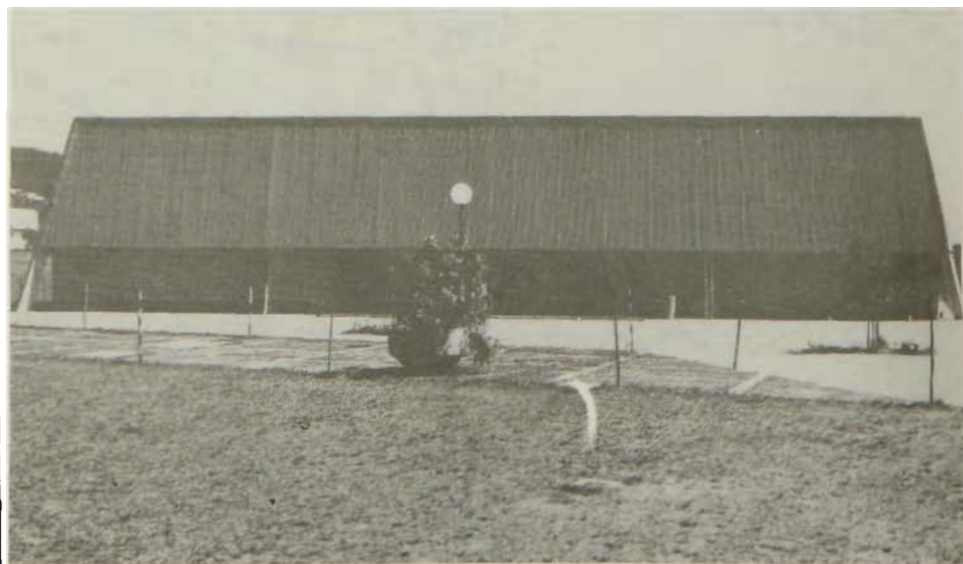
## SOCIAL SCIENCE BUILDING



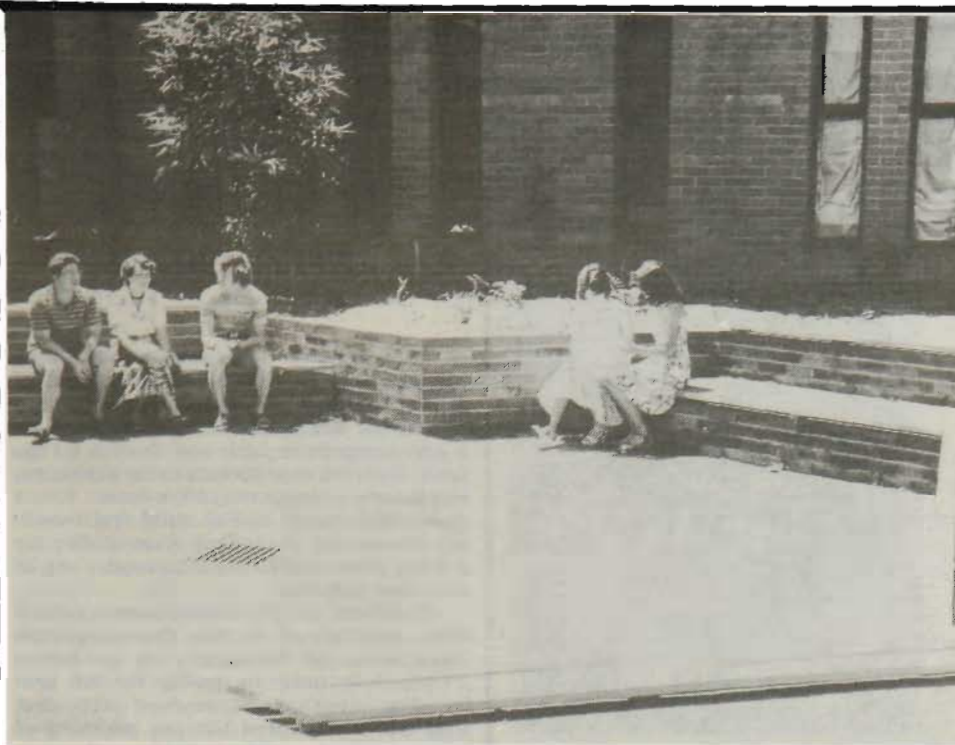
On January 30th, a week ahead of schedule, construction began on the \$1.2 million north wing of the Social Science building. The successful tenderer, Hughes Bros. Pty. Ltd. has previously completed the Science Stage I and Union Stage III.

It is intended that the north wing will be available for occupation by first session 1980 and will provide approximately 1600 m<sup>2</sup> of teaching, research and office space. Detailed design and planning is proceeding on the eastern wing of Stage II, and it is anticipated to let a contract in June 1979. It will not, however, be available for occupancy until late 1980.

Below: The striking Pentagon building is a feature of the campus.



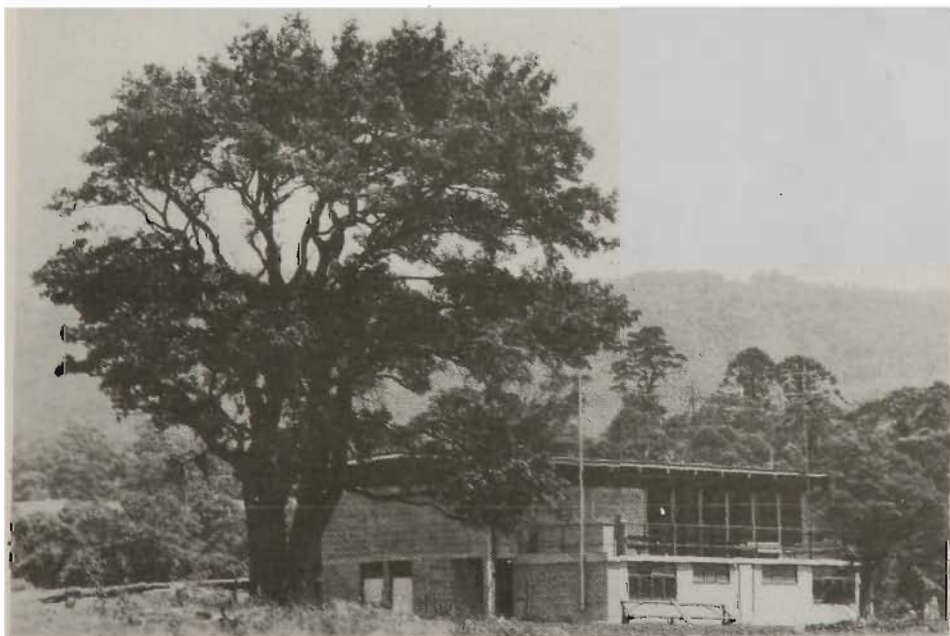




Above: Relaxing in the Halpern Courtyard. This was named after Professor Bert Halpern, Chairman, Department of Chemistry, and commemorates his election as a Fellow of the Australian Academy of Science. Right: Professor Halpern (L.) chatting with the Chancellor, Mr. Justice Hope in the Courtyard after the naming ceremony last year.



Below: The Sports Pavilion.



## ASSOCIATION OF COMMONWEALTH UNIVERSITIES

### POST OF SECRETARY GENERAL

The Council of the Association invites applications from graduates, preferably with experience of academic and administrative work in the Commonwealth, for appointment as successor to Sir Hugh Springer, K.C.M.G., who retires in September 1980. The members of the Association are universities of the Commonwealth and the Secretary General's duties will include visits to and contact with university institutions in the Commonwealth. The Association's headquarters are situated at 36 Gordon Square, London, W.C.1.

Annual salary subject to negotiation, but not less than \$Aust.35,000. Superannuation available under U.S.S. (or existing F.S.S.U.) arrangements. Assistance with housing, entertainment, car and removal expenses is possible.

Further particulars of the post are available from the Chairman of the Association, Dr. J. Steven Watson, Principal of the University of St. Andrews (College Gate, North Street, St. Andrews, Scotland KY16 9AJ) with whom applications should be lodged by 31 March 1979.

# HISTORY AND PHILOSOPHY OF SCIENCE

The appointment has been announced of Dr. Ron Johnston to the Chair in History and Philosophy of Science at the University of Wollongong. Dr. Johnston, who was born in Wagga Wagga in 1943 and graduated B.Sc(Hons I) in Chemistry from the University of New South Wales in 1964, has been living in Europe and North America since that date.

He took his Ph.D. in Chemistry at the University of Manchester in 1968 and then moved to Northwestern University in Evanston, Illinois. While working on a N.A.S.A. (National Aeronautic and Space Administration) contract he became interested in the nature and impact of contemporary science and technology. In order to develop those ideas further he moved to the Department of Liberal Studies in Science at Manchester, first as a Research Fellow and subsequently as a Lecturer and Senior Lecturer.

From this base Dr. Johnston became involved in the development of European policies for science and technology, working on Committees or consulting for the E.E.C. (European Economic Community) in Brussels, the O.E.C.D. (Organisation for Economic Cooperation and Development) in Paris and in Britain for the Parliamentary Select Committee on Science and Technology, the Department of Industry, the Science Research Council, the Council for Science and Society and a number of research associations and industrial firms. He established and directed P.R.E.S.T., a contract organisation for conducting Policy Research in Engineering, Science and Technology and is assistant coordinator of SISCO, a collaborative program to develop and promote the teaching of "Science In a Social Context" courses in institutions of high education.

Dr. Johnson is deeply committed to developing and communicating more widely an understanding of the way in which science and technology shape people's lives, the scale of human achievement in science and technology, the way these are changing under new pressures, and the means whereby science's contribution to society can be made most beneficial. He sees the Wollongong region as providing a classical setting for many of these issues.

The appointment to the H.P.S. Chair provides "a welcome opportunity to return to Australia, to devote my energies to a marvellous challenge, and incidentally to see a little more of my parents who still live in Wagga," said Dr. Johnston. His wife Kate, who was born near Manchester, has visited Australia twice previously. With their 3-year-old son Marcus, the Johnston family is looking forward to living in Australia.

Dr. Johnson will take up the post in August 1979 after completing a year's joint attachment as advisor to the Policy Division of the Australian Department of Science and to A.S.T.E.C. (Australian Science and Technology Council).



Above: Dr. Ron Johnston.

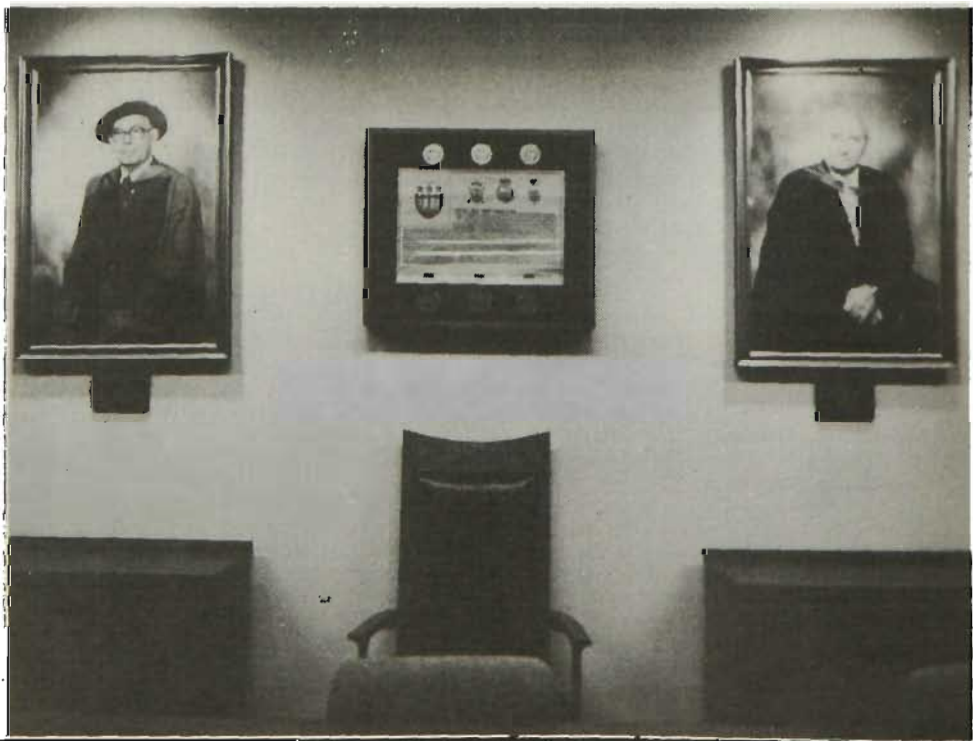
# FINANCIAL ASSISTANCE TO STUDENTS FROM TEAS

The Tertiary Education Assistance Scheme offers means tested financial assistance to full-time students in an approved course. Such assistance is provided on a non-competitive basis and there is no age limit. Benefits may include living allowance, incidentals allowance, allowances for a dependent spouse and/or child and travelling allowances. A student must qualify for a living allowance in order to receive any of the other benefits.

**CLOSING DATE:** Students must submit their applications to the Commonwealth Department of Education on or before 31 March in order to qualify for full year benefits. Applications received after that date will be accepted but any payment of moneys will be made only from the date the application is received in the Office.

New students are urged to lodge their applications as soon as possible after enrolment. Students continuing a course in 1979 should submit an application as soon as their exam results are known. Application forms are available from the Director, 59 Goulburn Street, Sydney, phone (02) 218 8800.

Below: In the Council Room, the Grant of Arms to the University is flanked by portraits of (L.) Dr. David E. Parry, first Deputy Chancellor of the University (1975 - 1978) and Professor C.A.M. Gray, Warden of Wollongong University College from 1962 - 1973 and now the University's Professor of Civil Engineering.





# DR. PHILIP LAIRD, MATHEMATICS, REPORTS ON 1978 ICM IN FINLAND

## THE INTERNATIONAL CONGRESS OF MATHEMATICIANS (ICM).

As background to this ICM, one can make little or no improvement on an article by Professor Olli Lehto, Chairman of the Organizing Committee. Accordingly, much of this section is adopted from this article.

These congresses, the ICM's, are strictly scientific, and have long traditions. The first one took place in Zurich in 1897, the second in Paris in 1900 and after that they have been held every four years except for interruptions caused by the world wars. The last two ICM's were at Nice (1970) and Vancouver (1974). Throughout the years, the principal aim of the ICM has remained the same; to promote mathematics by means of surveys which cover the whole range of current mathematical research.

But a lot has changed. Whilst the total number of participants at the 1897 congress was slightly over 200, the numbers now are in the thousands. Also at Zurich, about half the speakers used German and half French whilst English was not used at all. Now, the number of talks given in English far exceeds those given in all of the other three official ICM languages of French, German and Russian.

One event at each ICM of special significance is the award of the Fields Medals to four or fewer outstanding mathematicians under 40. Since there are no Nobel Prizes for mathematics, the award of a Fields Medal is of special significance.

The body now responsible for the scientific programme of the ICM is appointed by the International Mathematical Union. The Union is affiliated with UNESCO and has representatives from all adhering countries, including 3 from Australia.

## PLANNING FOR THE 1978 ICM

After Helsinki had been chosen as the site for the 1978 ICM, a special committee proceeded to select 138 invited speakers. This selection was done with great care over two years and on a neutral and authoritative basis. Of the 136 speakers who had accepted these invitations, 43% were from the U.S.A., 22% from Russia and 35% from the rest of the world. On another front, an efficient and helpful group based at the University of Helsinki proceeded to deal with the thousands of inquiries and registrations and some 670 contributed papers plus the social programme. Financial assistance was also secured from a large number of Finnish businesses and institutions.

By early August, preparations were complete for the largest scientific conference ever held in Finland.

## HELSINKI IN FINLAND

Finland is situated between the 60th and 70th parallels of latitude and has an area of 337,000 sq. km. with a population of 4.7 million (cf. N.S.W. 802,000 sq km. with about 4.7 million people as well). Of this 'land' area, 9.4% is water, 68.4% forest and 9.6% cultivated land.

The city of Helsinki is attractively situated and has a population of about 500,000. It was founded in 1550 and has been the capital of Finland since 1812. Amongst the many features of interest is that public transport conveys 60% of the people to work; (they have trams and petrol there costs about 40 cents per litre). As well, Helsinki like other cities in Finland, raises most of its revenue by an income tax of about 15% rather than rates on property.

Finland has nine Universities, including two technical and one Swedish language University.

## THE CONFERENCE ITSELF

The total number of ordinary members or participants was nearly 3150, from a total of 83 countries. The largest block of about 550 came from the United States. Considering their economies, population and proximity, Canada had a high number of nearly 120 and Russia had a low number of 50 participants. Australia ranked with Denmark, Hungary and Iran with about 32 participants each.

The opening ceremony was held in the new Finlandia Hall with a short performance by the Helsinki Philharmonic Orchestra, and speeches from several including the Minister for Science, the Mayor of Helsinki and the Rector of the University of Helsinki. The names of the winners of the Fields Medals were announced as P. Deligne, C. Fefferman, G.A. Margulis and D. Quillen, with brief descriptions of their outstanding work being given by others.

Over the next week, 15 one hour plenary addresses were given in the mornings with other invited addresses, contributed papers and poster sessions in the afternoons. These afternoon sessions were divided into 19 sections. Most of these were in Pure Mathematics, and the remaining sections included Control Theory, Mathematical Physics, Numerical Analysis, Aspects of Computing Science, Mathematics in the Social and Biological Sciences, and a section on History and Education.

Our Finnish hosts were generous in their hospitality which included a civic reception, a piano recital, a visit to the Island Seurasaari with its park and open-air museum, a ship cruise and a visit to the ancient capital of Turku. In addition, a special stamp featuring mathematics was issued by Finland on the opening day of the ICM.

At the closing ceremony, the venue of the next ICM was announced as Warsaw (1982) in Poland. As well, it was observed that of the 137 invited speakers, 17 were unable to attend. Many shared the expression of regret that of these 17, 15 were from one country. After due expressions of thanks, the 1978 ICM concluded.

Most participants then began to take their leave from Helsinki; some to return home without delay, some to resume study leave and others to attend one of the several specialist conferences that followed the ICM.

## PERSPECTIVES FOR AUSTRALIA

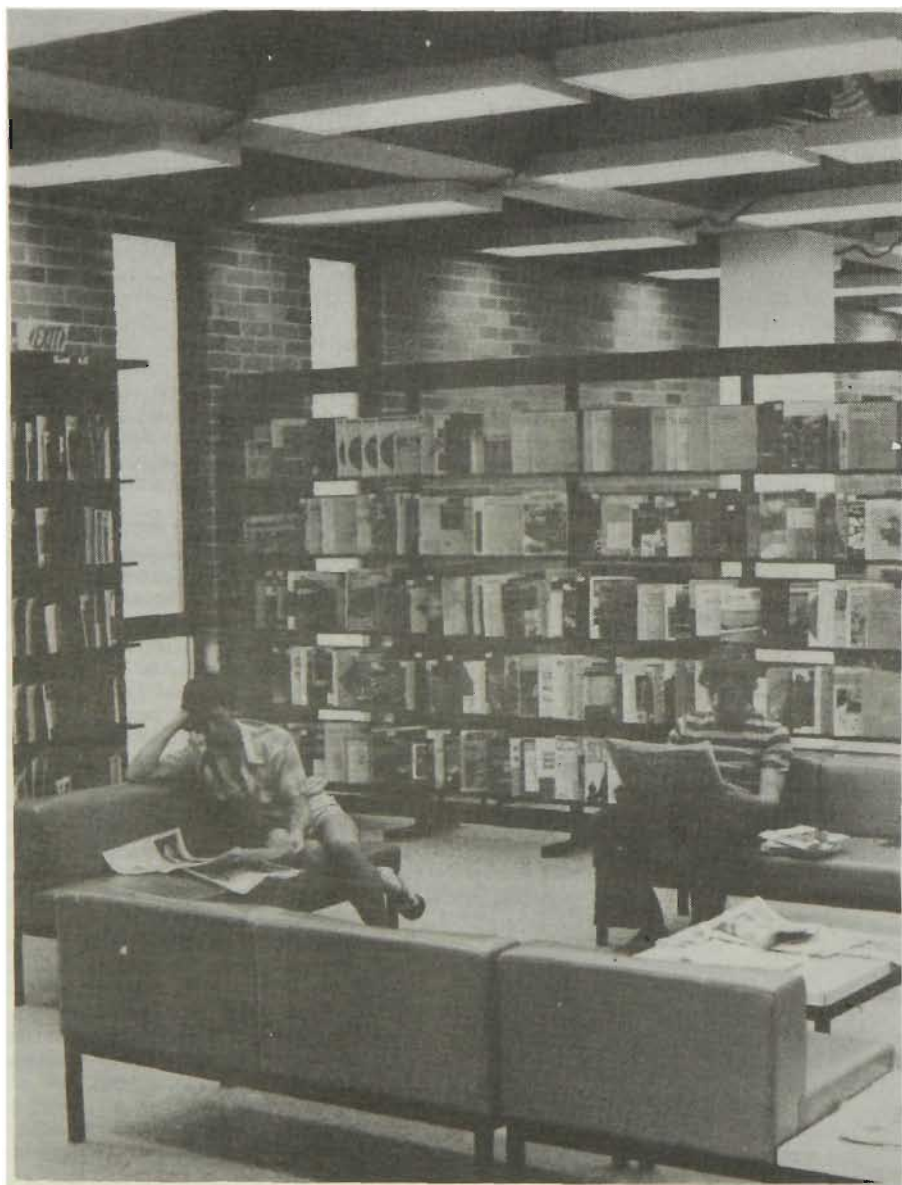
As noted before, there were about 32 participants from Australia. As well, there were about 7 from New Zealand. This attendance, together with a credible number of contributed papers could be considered a good attendance, particularly in view of the remoteness. There was only one person registered from Australia and New Zealand who was an invited speaker, namely, Professor J.H. Coates who is presently at the Australian National University.

The value of participation in ICM's by Australians is manifold. In the first place, there is the chance to obtain at regular intervals overall surveys of the whole area of contemporary research in mathematics. In addition, there are the benefits accruing from personal contacts facilitating exchanges of new ideas, incentives, and offprints of research papers. Thus, an individual who attends benefits along with colleagues and research students, and, in turn, undergraduates.

Could Australia ever aspire to host an ICM? Here, perhaps, some sentiments of the Rector of the University of Helsinki expressed in his welcoming speech are pertinent. These are, in effect:

Our relative isolation is a serious obstacle for a small country far in the north and a long way from the great scientific centres. Thus, an ICM in Helsinki gives great satisfaction, not only to our mathematicians, but also to our University. We highly value Finnish mathematical research at an international level.

# A LIBRARY TO USE AND ENJOY



Above: The Serials Display Reading Area in the Library is a popular spot for browsing.

Towards the end of 1978, the first part of the new microfiche catalogue was produced. It is in a C.O.M. (Computer Output Microfilm) format. The fiche catalogue plus regular supplements will supplement and update the card catalogue, which is expected to be incorporated into the fiche catalogue over a period of three years.

## COLLECTION ARRANGEMENT

There are readily identified sections within the Library, the following being the major sequences:

**Ground Floor:** Reference Collection  
Reserve Collection  
**First Floor:** Monographs Collection  
**Second Floor:** Serials Collection  
Non-book Materials

Library staff are pleased to help you, and the Librarian at the **Reader Assistance Desk** is there especially to assist you with any inquiries about the collection. The Non-book Materials Librarian can guide you through the growing amount of material in audio-visual format.

## READER EDUCATION

As part of Library service to students and staff, Reader Education programmes are offered each year to provide for assistance in using library resources in general, and guidance with the specific literature of a discipline at all levels. These programmes aim to encourage confident and independent use of the Library by students and staff. Academic staff can arrange for group instruction for their students by contacting the Reference Librarian (Rosemarie Dowe) on ext. 929 or the Reader Education Librarians (Frances Ackerman or Joan Phillips) on ext. 969. The Library also produces guides to various kinds of literature, to help library users to find their way through material such as Chemical Abstracts, Historical Abstracts, Science Citation Index and the sources needed for particular subject areas.

In every day Library use, if you need help, ask staff at the Reader Assistance Desk, or telephone ext. 887. They will assist in use of the Catalogues, the Reference Collection and any other Library resource.

## OTHER SERVICES

Many students will need to use the **Reserve Collection**, which contains material in heavy demand, such as prescribed texts for each course and material for essays.

**Photocopying Machines** are provided for Library users - but please observe the Copyright Act conditions. Copies of relevant sections of the Act have been placed near each machine.

Coats and bags may be left in the **Cloakroom** where you will also find a soft drink machine and a water cooler.

**The Late Book Chute** can be used at any time when the library is closed - it may save you money by helping you to avoid late return fines.

**Library Hours** are indicated on book marks produced for the Library users' information. These may be picked up at various points around the Library.

## LIBRARY TOURS

During Orientation Week, Library Tours will be held at the following times:

Monday - Friday 10.30 a.m. and 2.30 p.m.  
Tuesday - Wednesday 6.30 p.m.



## UNIVERSITY ARCHIVES

In its Archives, the University already possesses a facility for scholarship which few Australian universities can match.

Over 500 shelf metres of irreplaceable written records, personal papers, pamphlets, posters, taped interviews, photographs, newsfilm and microfilm are now available for use by staff, students and others interested in investigating Australian society.

Much of this material relates to the Illawarra region, although important records have been obtained from Sydney sources and elsewhere.

Collection policy is being increasingly geared to contemporary trends in social and historical research. It is also planned to improve physical facilities. These developments promise to place the Archives among Australian leaders in modern cultural documentation.

Already the Archives has a distinctive character. It is more twentieth century in its holdings than nineteenth, more urban than rural, more political than genealogical, and certainly more active in acquiring material than passive.

Holdings divide under such headings as: commerce and industry, trade unionism, local government, political parties and politicians, medical and hospital, community welfare, conservation and environment, resident action, recreation, media, arts, war (including Vietnam) and depression.

In addition to its modern scholarly role, the Archives increasingly functions as the keeper of the University's own inactive records - legal, financial, administrative and historical.

A major Guide to Holdings (teaching and research) will be published shortly. Other guides and information are available from the Archives' office, first floor (north). University Library.

## NEUROTOXIN CONFERENCE

Dr. Hugh Spencer of the Department of Biology attended the Neurotoxin Conference organized by the Flinders University Centre for Neuroscience from 4th to 8th February, 1979.

This conference has the sponsorship of the Australian Academy of Sciences and the Australian Neuroscience Society. Financial support was given by the South Australian Government and the Commonwealth Science Laboratory.

It is intended that this will be the first of a series of international conferences to be organized by the Centre.

The Director of the Centre, Professor Laurie Geffen said: "It is appropriate that Australia should be the venue for this conference, the first since 1961 in the field of neurotoxins to be held in the Pacific area, because Australia has the greatest variety of venomous spiders, snakes and marine life of any continent."

## NEW APPOINTMENT

A former scholar at Cambridge University in England has been appointed to the staff of the University of Wollongong.

He is Dr. John Bishop, 29, who took up a lectureship in the Department of Philosophy on February 1.

Dr. Bishop, who was born in Scotland, took his first degree at the Australian National University in Canberra where he was awarded first class honours in Arts and the university medal for outstanding merit.

He then received a scholarship to Cambridge University where he earned his doctorate and taught at Peterhouse College.

Dr. Bishop is the third Cambridge doctorate holder to join the university's staff, compared with five from Oxford, the traditional rival.

His interests include the philosophy of religion and the relationship between the mind and language.

For the last year Dr. Bishop has been a senior tutor at Monash University in Melbourne.

He is the seventh person to be appointed to Wollongong University's Philosophy Department which began teaching three years ago with a staff of one, and now has more than 300 enrolments.

Announcing the appointment, Philosophy Department Chairman Professor Lauchlan Chipman said that the fact that the University of Wollongong was one of the few Australian Universities permitted by the government to expand has enabled the University to appoint new staff of extremely high calibre.



Above: Philosophy Department Chairman, Professor Lauchlan Chipman.

## EVA NGELICAL CHRISTIAN UNION

The aim of the University of Wollongong Evangelical Christian Union (UWECU) is to present students with the Christian gospel and lead them to a personal faith in the Lord Jesus Christ.

For details about UWECU contact one of the following people:

Greg Davis (President) - Fourth Year Honours; Julie-ann Johnston - 286648; Neale Judd - 843824.

Activities for 1979 include:

Tuesday Morning Prayer Breakfasts at 7.30 a.m. at 1/15 Hillview Ave., Gwynneville. Tuesday Lunchtime Weekly Meetings.

Thursday Lunchtime Cell Groups. A barbeque in the first week of session. Proposed visits by Dr. Leighton Ford and Dr. Lewis Drummond.

A Houseparty on 10-12 August.

Activities in Orientation Week are: Monday, February 19 - 7.30 p.m., concert featuring Rod Boucher and New Life. In the Common Room or (weather permitting) on the Union Lawn.

Tuesday, February 20 - 12.30 p.m. E.C.U. meeting/Cell group in the Common Room (for new and intending members).

Thursday, February 22 - 7.30 p.m. Coffee Shop with guest speaker Simon Manchester in Northern Lounge.

Friday, February 23. UWECU will be at the Clubs Afternoon.

## OFFICE OF WOMEN'S AFFAIRS

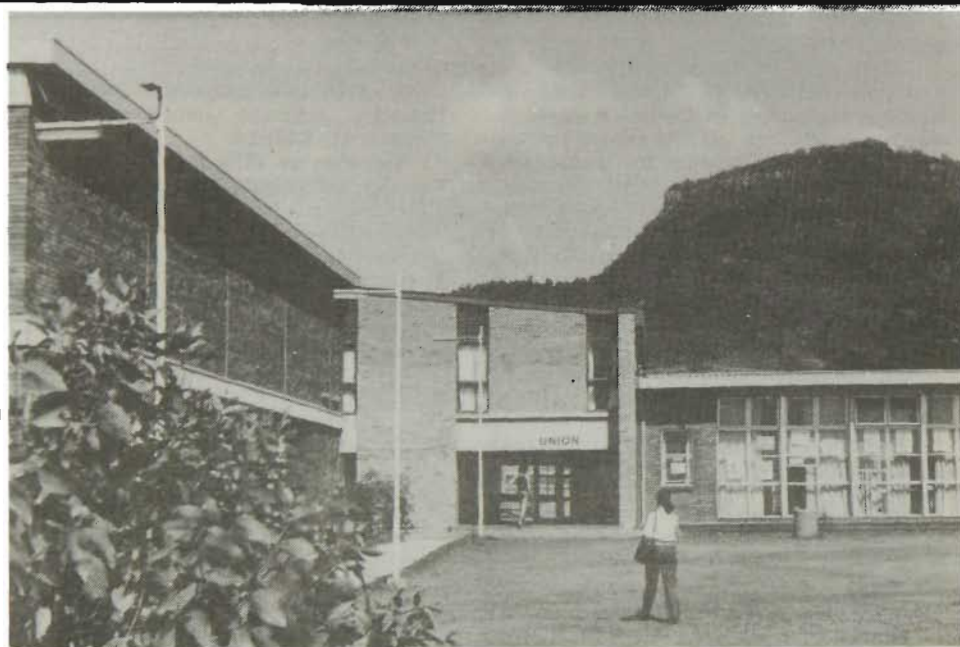
The Office of Women's Affairs has written to the University concerning the maintenance of a register of women with qualifications and experience for representation on public boards, committees and commissions.

The register, established in 1976, will assist the Government in its policy of ensuring that there will be a full representation of women in policy-making bodies.

The Office of Women's Affairs is now approaching all tertiary institutions in Australia for their assistance. Names of women teachers, research workers or other staff members who have qualifications and expertise in any field are being sought.

Forms designed to provide relevant information have been supplied to the University and interested women are invited to contact the Staff Officer if they wish to register.

# THE UNION IS THE SOCIAL HUB OF THE UNIVERSITY



## MANAGEMENT

The Union Management is vested in the Board of Management, consisting of students and staff elected and nominated members.

The present Board members are:- Mr. J. Roach (Chairman), Mr. J. Malcolm (Deputy Chairman), Mr. J. Bywater, Mr. P. Castle, Mr. D. Lear, Miss J. Macdonald, Mr. B. Meek, Dr. W.J. Mitchell, Dr. J. Panter, Mr. A.S. Pearce, Mr. M.J. Robinson, Professor B. Smith, Mrs. H.S. Stevenson (Secretary-Manager).

The Senior Staff are:- Mrs. H.S. Stevenson, Secretary-Manager; Mr. P. Bottele, Accountant; Mr. G. Stuart-Street, Functions Manager; Miss L. Koetz, Secretary; Mr. A.C. Burling, Crew Chief.

## COMMITTEES

To assist in policy formulation, the Board has established a number of committees to advise it on the various aspects of the Union.

## FINANCE & DEVELOPMENT COMMITTEE

Advises the Board on all matters relating to finance and development of the Union.

## HOUSE COMMITTEE

Advises the Board on matters concerning the utilization of Union premises and in dealing with any disciplinary matters which may arise.

## FACILITIES & SERVICES

The following areas of the Union are available for use by members: Union Hall, Common rooms (including Northern and Southern lounges), bar, bistro, squash courts, sauna, dining room and private meeting room.

Members, clubs and other organizations are able to book rooms at the Union Office.

## MEMBERS BAR

During session, this is open from 12 noon - 2.00 p.m. and 5.00 p.m. - 8.00 p.m., Mondays to Fridays. In addition, a late Supper Bar until 10.00 p.m. is operated on one or two nights. There is a Happy Hour once a week, where drinks can be purchased at reduced prices.

## BISTRO

The Bistro is open during session from 12 noon - 2.00 p.m. (last meal orders taken at 1.30 p.m.), 5.30 - 8.00 p.m. Monday and Tuesday (last meal orders taken at 7.30 p.m.) and 5.30 - 9.00 p.m. Wednesday, Thursday and Friday (last meal orders taken at 8.00 p.m.).

## UNION SHOP

The Union Shop can meet all stationery requirements and also carries a range of other products such as calculators, track suits and squash equipment.

The Union publishes a weekly Newsheet throughout the Academic year, listing items of interest, including Union Recreational activities. All items for publication should be handed in to the Union Office.

The Union conducts a typewriter-loan service for members, for the typing of essays etc. Typewriters can be obtained from the Union Office on production of a student identification card. Cues for the pool table, chess sets, tennis racquets and balls, squash racquets and volleyballs are also available for loan.

## RECREATIONAL ACTIVITIES

The Union offers a selection of workshops and classes, with reasonable fees and hours to suit most people. Session 1 classes include Pottery, China Painting, Car Maintenance, Unarmed Combat, Silver Jewellery Making and Basic Photography.

For more information see Robyn Foy - Recreation Assistant, in the Union Office.

## CLUBS & SOCIETIES

These Clubs and Societies are affiliated to the Union and receive assistance: Film Group, Geological Society, Drama Society, Camera Club, Musical Society, History Society, Metallurgical Society, Parents Club, Bridge Club, Car Club, Italian Club, Geographical Society, Debating Society and French Club.

For further information about these groups and their activities, members should contact the Union Office.

## SPORTS ASSOCIATION

All students and staff are members of the University of Wollongong Sports Association which aims to provide physical recreation facilities to individuals and groups.

In addition, it aims to ensure that its constituent clubs are provided with adequate playing surfaces and equipment; that adequate funds are available to subsidise travelling; that both clubs and individuals are encouraged to attain higher sporting standards through competition. This is achieved through local competitions, intervarsities, representative matches and championships organized by the Australian Universities' Sports Association.

The following sports are represented by Clubs on campus: Basketball, Men's and Women's Hockey, Squash, Table Tennis, Australian Rules, Rugby Union, Soccer, Cricket, Badminton, Tennis, Sailing, Hang Gliding, Tae Kwon Do, Judo, Motor Cycling, Volleyball, Surf Riding, Skiing and Outdoors (which includes bushwalking, rock climbing, etc.).

More information can be obtained at the Union Office, by seeing Robyn Foy - Recreation Assistant or Susan Stevenson - Executive Secretary to the Sports Association.

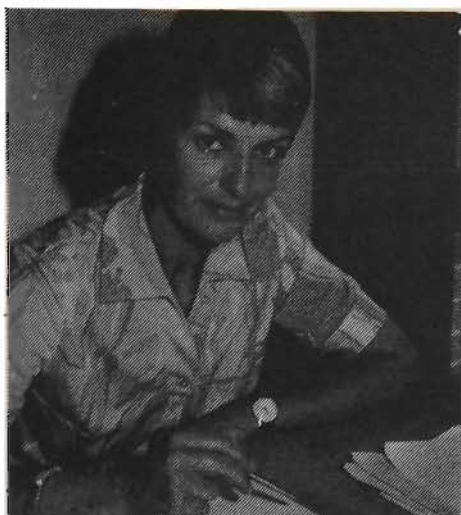
Two new squash courts, sauna and table tennis room are being built to be ready for Session 1, 1979. All bookings will be taken at the Union Office.

Also, a new Indoor Sports Centre has been planned to be built in 1979, near the existing Sports Pavilion. The Sports Pavilion, at the northern end of the campus, is available for members and constituent clubs. There is a permanent barbeque on the balcony and full bar facilities are available. These facilities and others, such as hiring tents, etc. may be booked through the Union Office, at a reasonable fee.

## "KIDS' UNI."

We care for children from birth to school age; after school care is available. After hours care is shared by parents on a roster basis depending on need at enrolment. Hours are 8.30 to 5.30 with a break for Christmas until Enrolment Week. Charges are on a sliding scale and absolutely every effort is made to provide accessible child care for each student parent according to each one's work load and income.





Above: Secretary-Manager of the Union, Mrs. Susan Stevenson.

Charges were from 50c to 80c/hour in 1978 and the S.R.C. provided for ½ costs to students on TEAS or pensions.

A Co-operative of parents manages the Centre and financial assistance has been provided from all University groups. Parents work 1 hour for every 4 hours of care unless they are working full-time when they provide alternative support to the Co-op through lunchtime or holiday rosters.

Membership is open to all members of the Union, and students from the other teaching institutions in the district. Annual Fees in 1978 were \$10.00 with an Annual Enrolment Bond of \$30.00 which is refundable at the end of Session 2 provided roster duties have been fulfilled and enrolment not withdrawn.

This bond may be paid in instalments, if income is limited, for new members, and is to compensate for withdrawals once a place has been booked. Kids' Uni. is open from enrolment week and parents are urged to bring children that week as then individual care at the critical first contact can be given. Week one is especially critical as time-tabling is hectic for all concerned. Enrolments will be taken at the Enrolment Centre by Kids' Uni. representatives when students enroll themselves.

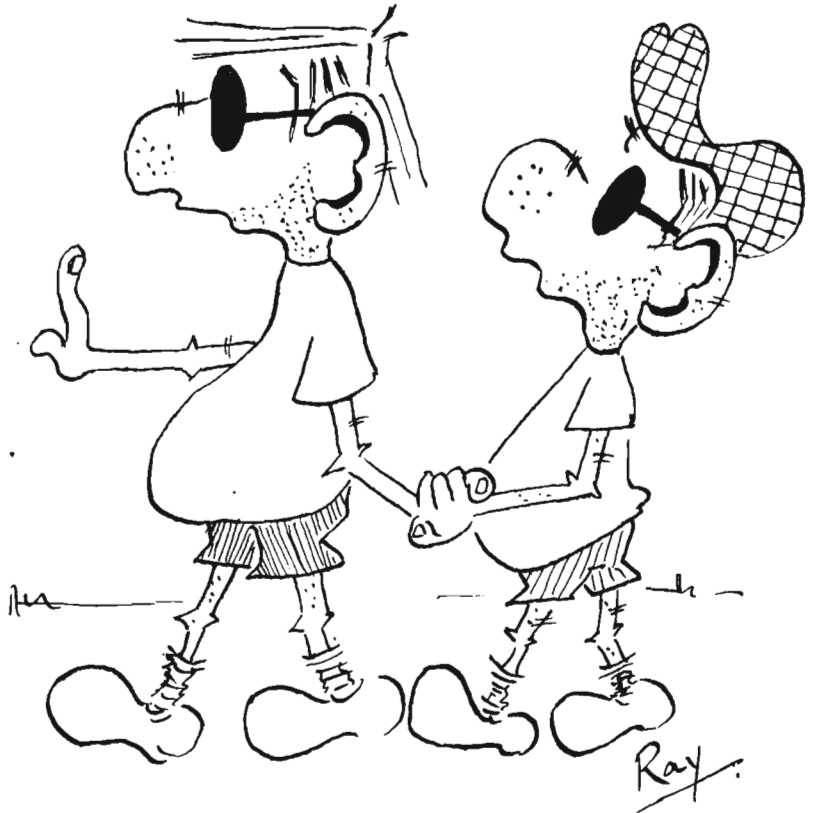
Klaus and Britta Schwarzenholze as a team coordinate the activities of the kindergarten group with the parents assistance. The nurses, Ellen, Jean and Kate provide a gentle, warm, spontaneous environment for the nursery babes. Staff members work on time sharing and are all experienced with the physical and social welfare of young healthy children - They all have children of their own.

The Child Care Committee which manages Kids' Uni is composed of 7 parents and a member of staff. They work to ensure that Kids' Uni. provides continuing, satisfying, accessible child care and family support for all members. Children are encouraged to develop naturally, learning respect for their playmates and exploring the social environment of a home away from home.

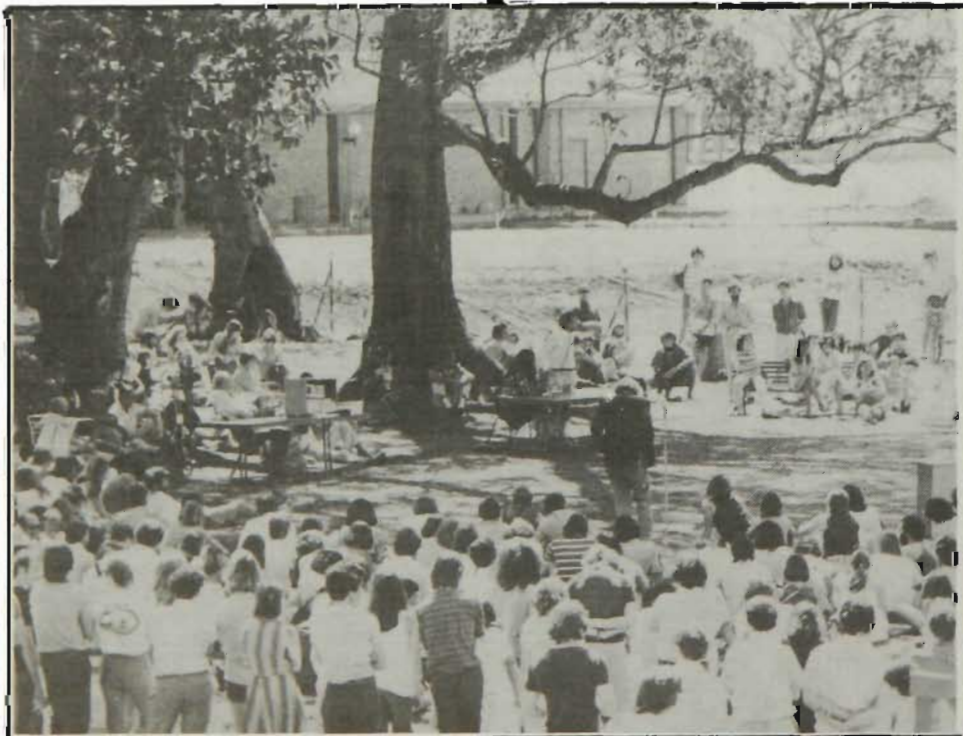


# ORIENTATION '79

Right: A comment on Orientation Week by our Resident Cartoonist, "Ray".



Below: The grand old Moreton Bay fig-trees west of the Union provide a backdrop for lunch time Forums or pop concerts.



## CAMPUS NEWS

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