

# CAMPUS NEWS

A MAGAZINE FOR THE UNIVERSITY

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## FIRST EMERITUS PROFESSOR IN THE UNIVERSITY OF WOLLONGONG.

The University Council has conferred the title of Emeritus Professor in the University of Wollongong on Professor Austin Keane, Professor of Mathematics since 1964. This is the first time the University has conferred this honour.

Professor Keane, who retired recently because of ill health, was a graduate of Sydney and New South Wales Universities and began employment in 1949 as Lecturer in Mathematics at Sydney Technical College.

From 1951 to 1954 he was in charge of the Diploma Mathematics and Physics Departments at Wollongong Technical College.

From 1955 to 1961 he was progressively Lecturer, Senior Lecturer and Associate Professor in the School of Mathematics at the University of New South Wales.

At the end of 1959, he was seconded to the Institute of Nuclear Engineering, within the University of New South Wales, as executive officer to coordinate the activities of the various schools of the Institute and to plan the Master of Technology course in Nuclear Engineering.

This postgraduate course was initiated at the beginning of the 1960 academic year; and he continued to administer and lecture for it until June, 1961.

In June 1961, he took charge of the Theoretical Physics Section at the Australian Atomic Energy Commission Research Establishment at Lucas Heights. He held this post until he took up duties at Wollongong in October, 1964.

Apart from teaching and research, Professor Keane has had extensive experience in administration. He was acting Warden of Wollongong University College for about four months in the latter half of 1970.

He was elected the first chairman of the College Board of Studies and served in this position from 1968 to 1970. He was chairman of the College Higher Degree Committee from its formation in 1968 until July, 1974, and head of the Division of Physical Science which included the Departments of Mathematics, Physics and Geology.

In addition to these positions and membership of various other College committees, Professor Keane was a member of the University of New South Wales Professorial Board and of three of its sub-committees. He also was on the Council of the Institute of Marine Science.

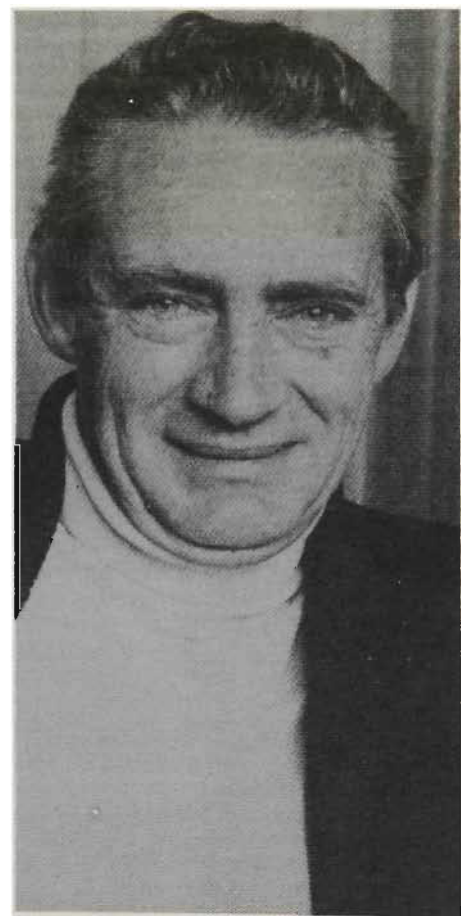
He is a foundation member of the Australian Mathematics Society and a member of the Royal Society of New South Wales (of which he was president in 1968).

Professor Keane has had considerable experience in supervising postgraduate students. Since October, 1964, when he took up duties at Wollongong, the Department of Mathematics has had two M.A. (Hons.), eight M.Sc. and seventeen Ph.D. graduates. Of these, he supervised all but one of the Ph.D. candidates and over half the M.Sc. candidates.

Four of his early Ph.D. candidates have reached Professorial or Associate Professorial rank.

His consultancies and short-term appointments have included a one-year attachment to the Atomic Energy Research Establishment, Harwell, U.K.; Visiting Professor of Nuclear Engineering to the University of New South Wales; consultant to the Physics Division, Australian Atomic Energy Commission; Senior Visitor (equivalent to Visiting Professor) at the Mathematics Department at Leeds University; external examiner to the University of Papua New Guinea; and appointment by the Department of the Navy to a committee to enquire into the standard of courses at the Royal Australian Naval College, Jervis Bay. Recently he has been a Visitor to the University of Papua New Guinea and to the University of the South Pacific.

He has written eighty papers and reports, and a book entitled, *Integral Transforms*. He has edited four books: *Complementary Mathematics*, in which he is also a contributor, *Mathematics Methods*, *Special Functions*, and *Numerical Computing*.



Emeritus Professor Austin Keane.

# JOAN SUTHERLAND VISITS UNIVERSITY

On Tuesday, 8th August, the well-known opera singer, and, according to many, the soprano of the century, Miss Joan Sutherland arrived at the University to inaugurate the Italian Opera Course which forms part of the Italian Civilization studies in the second year. She was a guest of the Department of European Languages, and was welcomed by the Acting Vice-Chancellor, Professor A.M. Clarke, Professor R.B. Leal, Chairman of the Department of European Languages, Dr. V.J. Cincotta and Miss Angela Mackie. After a short tour of the campus, Miss Sutherland was received by the Lord Mayor of Wollongong, Mr. Frank Arkell, before an official reception at the Illawarra County Council. Miss Sutherland then returned to the University at 5.00 p.m. for the inauguration of the course and Round Table discussion.

It is understood that this is the first course of its kind to be included in an Italian studies programme in Australasia. The four year programme of the Italian course which was set up by Dr. Cincotta in 1977 covers almost every period; the most unusual aspect of the Baroque period is the Theatre set to music - "L'Opera" - and therefore it was appropriate that a study of this cultural phenomenon should be undertaken.

An indication of the format of the course itself was given by Miss Mackie who explained that a more historical than musical approach was being taken, as many students had little or no musical background. However, the fact that opera is a complex art form including music, drama, literature and scenic effects, was instilled in the students. Miss Mackie expressed her pleasure in being associated with a University which has the cultural awareness and insight to include civilization programmes in their degree courses, together with the different aspects of language and literature.

Professor Leal opened the discussion and said how delighted the University was to have Australia's "Prima Donna Assoluta" to inaugurate the course and conduct the seminar.

Miss Sutherland's electrifying presence inspired all those present, over 300, and this discussion was fired with enthusiasm right from the outset. Miss Sutherland responded with an air of relaxed joie de vivre to the many and varied questions put to her. The evening ended at 6.30 p.m. with the singer's return to Sydney.



Joan Sutherland strolls across the Campus with Professor Barry Leal (left) and Deputy Vice-Chancellor Professor A.M. Clarke.



# THE BUSINESS OF UNIVERSITIES

Australia was still in need of a special institution where engineering and applied science could be fostered at the highest possible level - at the expense of other disciplines if necessary.

As reported in the last issue of Campus News, Emeritus Professor Sir Mark Oliphant said this in his Visitors' Day Public Lecture in the Pentagon on March 17th.

He said further that it was not too late to suggest that serious thought be given to making Wollongong the centre for engineering and applied science in this country.

"Industrially speaking", said Sir Mark, "Wollongong is uniquely situated and on this coastal plain there is room to develop innumerable smaller and more specialized industries arising from its future work. With a few outstanding exceptions like the stump-jump plough, the remarkable blind landing system now undergoing international trials for aircraft, or the ingenious techniques for spectral analysis, almost all Australian technology is derivative".

In his vote of thanks to Sir Mark, the Vice-Chancellor, Professor L.M. Birt, pointed out that "... the business of universities is certainly to cover things like Engineering and Applied Science, but also studies in Basic Science and Humanities. Without these studies it could not be a University."

A further comment on the point raised by Sir Mark has come to Campus News from Mr. K. Tognetti, Reader in Mathematics. "Let me support Professor Birt's remarks. Firstly it should be pointed out that during the early days of development this place was certainly not a university; it was in effect a training college for engineers. It was the great fear of many of the people associated with this early development that it would never be transformed from this original role of training engineers into a true University where scholars could be educated. With the appointment of the Vice-Chancellor and the subsequent formation of such Departments as Philosophy and European Languages and the strengthening of other Departments such as English, the base of this institution is now sufficiently strong to give us hope that we are now a fully fledged University."

Mr. Tognetti continued: "The people of the Illawarra district would not benefit from more engineering type research in the area as it could only lead to automation and hence the reduction of the number of people in employment. What this district needs for employment purposes are personnel intensive service industries of which a very good example is this University."

## PROFESSOR CLARKE APPOINTMENT.

It has been announced that Professor A.M. Clarke, Deputy Vice-Chancellor, has been appointed a permanent consulting editor of the Australian Psychologist.

# NEW METHODS OF CLINICAL ANALYSIS



The University of Wollongong has joined forces with one of the world's foremost analytical instrument makers in a programme aimed at developing new and rapid methods of clinical analysis using the technique of mass spectrometry.

The instrument makers, Varian MAT GmbH, of Bremen, West Germany, have installed in the University's Department of Chemistry the first MAT 44 gas chromatograph/mass spectrometer system (GC/MS) in Australia.

Varian were attracted to the University of Wollongong because the Chairman of its Department of Chemistry, Professor B. Halpern, has established an international reputation for his work in clinical analysis by gas chromatography/mass spectrometry. Samples of biological fluids from hospitals all over Australia and from overseas are sent to his clinical research group for the identification of genetic diseases in children. Early recognition of these disorders is essential if treatment is to be effective.

As well as Professor Halpern, the Wollongong research group includes Associate Professor P.D. Bolton, who is an expert on computerised scientific instrumentation; research biochemist, Dr. R.J. Truscott; and Mr. J. Korth, the department's professional officer. This team intends to use the MAT 44 GC/MS system to establish faster and more accurate methods of analysis for small amounts of organic compounds in human biological fluids such as urine and blood. Initially the group will concentrate on developing new and rapid methods for the accurate measurement of low levels of amino-acids, anti-convulsants and fatty acids.

Funds for the group's work come from the National Health and Medical Research Council, the Australian Research Grants Committee, the University of Wollongong, and the Health Commission of New South Wales.

Members of Professor B. Halpern's clinical research group with the MAT 44 gas chromatograph/mass spectrometer system. From left: Dr. R.J. Truscott, Mr. J. Korth, Associate Professor P.D. Bolton.

## HONOUR FOR Professor Halpern

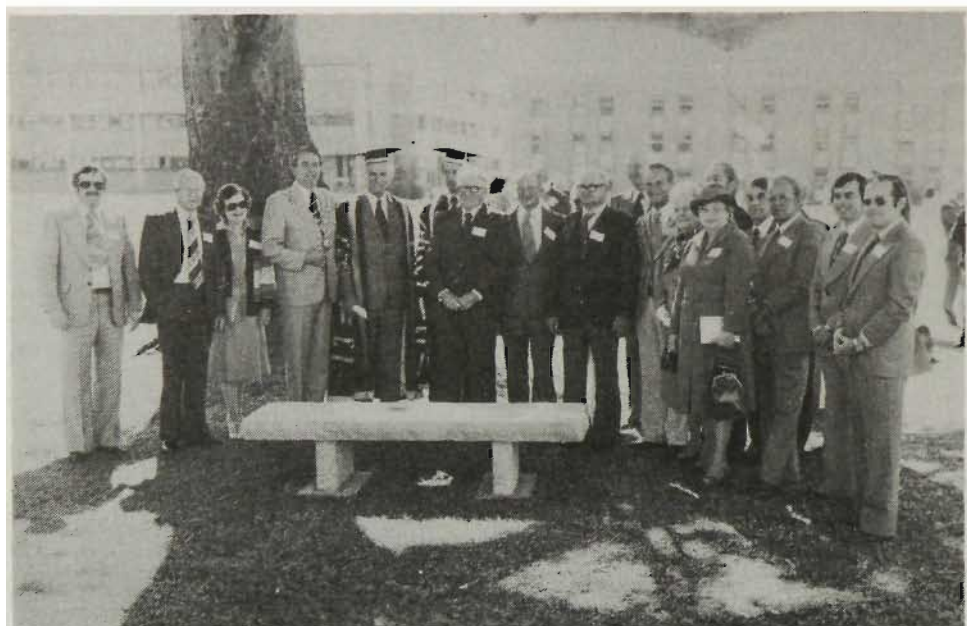
Professor Bert Halpern, Chairman of the Department of Chemistry at the University of Wollongong, has been elected a Fellow of the Australian Academy of Science.

The Acting Vice-Chancellor of the University, Professor A.M. Clarke, said: "This is the highest honour that can be awarded to a scientist in this country. Professor Halpern joins the distinguished band of Australians who have been recognised by the Academy for their contribution to science."

Professor Halpern, who recently returned from six months study leave overseas, was appointed Professor of Chemistry at Wollongong in 1970. He gained his first academic qualifications at the University of Sydney in 1951. He then undertook postgraduate research work at Imperial College, University of London, and later at Australian National University and Stanford University in U.S.A.

His research interests are in amino acid and peptide chemistry with particular reference to the diagnosis and study of genetic defects by gas chromatography and mass spectrometry. Professor Halpern has published over one hundred scientific papers.

# FOUNDING DONORS MEMORIAL BENCH.



The generous community support which contributed to the University of Wollongong's establishment on its present site was commemorated on April 28 when the Chancellor, Mr. Justice Hope, unveiled a Founding Donors Memorial Bench under the fig trees in the University grounds.

The Vice-Chancellor, Professor L.M. Birt, welcomed the Lord Mayor, Alderman F. Arkell, and other guests.

These included major donors to the 1959-60 Wollongong University College Mayoral Appeal Fund and members of the Fund's working committee.

Professor Birt said that the unveiling was a reminder that the University had been conceived as and continued to be a part of its local community.

"In the Mayoral Appeal of 1959-60, Wollongong citizens and industries donated \$100,279 towards the cost of the first buildings on the site.

"In addition, industries of the district had previously and separately donated \$276,000.

"These contributions indicate the strong appreciation the Wollongong community had of the need for a first-class tertiary institution in their city.

"Today, the citizens of Wollongong can be justifiably proud of their University."

**Background to the Wollongong University College Mayoral Appeal Fund.**

On September 7, 1959, the Mayor of Wollongong, Alderman A. Squires, chaired a meeting in the Wollongong Council Chambers to discuss the formation of a Working Committee to organise the Wollongong University College Mayoral Appeal Fund.

Present were: the Chancellor, Dr. Wallace C. Wurth, and the Vice-Chancellor, Professor J.P. Baxter, of the University of New South Wales, and a large number of interested persons.

In opening the meeting, Alderman Squires noted that one of the problems arising from the tremendous expansion of the Wollongong district was the provision

of educational facilities at the university level.

In introducing Dr. Wurth, Alderman Squires said that this responsibility in Wollongong and the district had been laid upon the University of New South Wales and that the University was now seeking the assistance of the community.

The meeting proceeded to elect a Working Committee which met on eleven occasions and presented its report, signed by the deputy chairman, Dr. F.M. Mathews, on June 8, 1960.

To that date contributions totalled \$100,279 in addition to the sum previously donated by the industries.

Alderman Squires handed the cheque to Dr. Wurth at Wollongong Town Hall on June 22, 1960.

Alderman Squires said that he was proud of the way Wollongong people had rallied to the appeal.

"It is our bounden duty to care for future educational facilities for our children," he said.

"To be mayor at this time, and to see how the people have rallied, is very encouraging."

In the report of the Wollongong University College Mayoral Appeal Fund working committee, its deputy chairman, Dr. F.M. Mathews, said: "The large number of contributions received indicates the extent to which support was given by individual citizens, service clubs, educational bodies, women's organisations, professional associations, trade unions, commerce, and industry.

"The committee wishes to stress that this help from so many diverse interests in the community has been a source of great encouragement and, indeed, without it a worthwhile result would not have been possible.

"This district has shown its understanding of the compelling need for a University College here, and its contribution is, in effect, a demand for urgent action."

Above: Former Mayor of Wollongong, Alderman A. Squires (centre), Lord Mayor, Alderman F. Arkell, the Chancellor, Mr. Justice Hope, the Vice-Chancellor, Professor L.M. Birt and representatives of donors admire the Memorial Bench.

## SCHOOLS DAY

Year 12 students from many high schools in Wollongong, the South Coast and southern Sydney areas visited the University on Friday, August 25.

Staff from most of the University's twenty-one academic departments provided the H.S.C. students with an opportunity to view the departments and find out more about the subjects on offer.

The University's Schools Liaison Officer, Mr. Tom Moore, said: "Experience has shown that an ill-informed choice can often lead to failure or withdrawal from subjects during the academic year. This has implications for course completion time and scholarships.

"The Schools Day, as it has become known, aims at enabling students to make a better-informed decision about courses which they might choose to follow once they become university students."

Schools Day this year was expanded to include new features. Students attended lectures, tours and demonstrations in a number of subjects of their choice. They also listened to a talk on career planning by University Counsellors, inspected university facilities generally, attended macramé and Tae Kwon Do demonstrations arranged by the Union's Recreation Activities Officer, and were entertained at a lunchtime concert provided by the Students' Representative Council.

This was the fifth Schools Day which the University has organised.



# Drama Course Offering

Mr. Murray Scott, who at the beginning of this year took up the newly created post of Lecturer in Drama in the Department of English, is currently rehearsing two productions.

One is Veccio's opera, *L'Amfiparnaso* (On The Slopes of Parnassus) which is to be presented in conjunction with the Italian Department and the Sydney University Music Department at the International Centre on September 16th and 17th. The other is a Revue, as yet untitled, to be presented mid-October in Union Hall.

The Drama Course, which Mr. Scott is preparing this year, will be offered to students next year, by which time the new Drama Workshop, located between the Pentagon and the Institute of Education, will be completed and ready for use.

Mr. Scott, who was formerly Lecturer in English Curriculum Studies in the Department of Education, University of Newcastle, with the responsibility for Drama in Education and Media Studies, has the following comments to make on the significance of a Drama Course at the University.

"Since I arrived in Wollongong I've been pleasantly surprised by the interest that has been shown in the plans for a drama course at the University - and it's an interest emanating not only from those involved in drama activities on campus and in the region, but also from a wide cross section of students and staff I've met.

In fact, there is an encouraging number who share my enthusiasm for drama both as a rich and fascinating area of study and as a compelling and enjoyable human activity that has demonstrable benefits for those participating in it.

I'm sure these people will be attracted by the course we're developing for 1979. Our approach is based on a conception of drama as a natural and inevitable mode of human activity rather than an artificial, specialised and elitist one and entails the study of the ways in which beliefs, values, attitudes and opinions are expressed by means of moving (and vocal) figures.

On one hand we'll be examining the origins and manifestations of drama in various aspects of human behaviour (from children's play through to the more complex aspects and forms of social interaction) so that students can develop an understanding of its essence and the raw materials on which it draws.

On the other, we wish to introduce students to the various institutional dramatic forms - how they originated and developed and how they operate. In this way, we'll be dealing with the growth of the institutions of drama from its beginnings in ritual, through the various forms of theatre to the modern media of radio, television and film - including contemporary trends in each medium and form.

I must say here that while many of the familiar academic and critical techniques will be employed in the implementation of the course, a great deal of emphasis will be placed upon practical and experiential activities drawn from aspects of drama as it operates in the world at large - from creative and developmental drama, from drama as a therapeutic instrument, from the practices of theatrical drama and from its manifestations in the mass media.

Consequently, as well as lectures and tutorial sessions, there will be weekly 'workshops' in which topics will be explored by means of practical exercises. Hopefully, this will enable students to examine the operation of dramatic principles 'from the inside' and will also provide avenues for them to 'learn by doing'. And they will certainly be given opportunities to exercise their own creativity.

Now, it's possible that some potential students of drama may be intimidated by the demands and even some of the types of activities envisaged for this course. I was speaking with one undergraduate who intimated that she would like to do the drama course but felt that as yet she lacked the confidence to handle it.

My answer to that is that one of the demonstrable benefits of engaging in, say, a programme of 'creative' drama exercises is, in fact, the development of self confidence and the lessening of inhibitive tensions because drama can be a recreational activity in the strongest sense. Ask anyone in the trade, or in amateur theatres for that matter.

Besides (and not downgrading the 'academic' learning that is a necessary element) dramatic and drama-related activity can be a lot of fun - without being a trivial pastime.

It may be that we don't discover or liberate any great talents in theatrical production, film directing, in design, in acting, or in any aspect of the performing arts, (though it would be a rare thing if we didn't dredge up at least one in a year). What we'd like to have happen, though, is that those students who undertake the course develop a first-hand appreciation of the elements, dimensions and potentialities of drama as communication, as craft and as art. We'd like to begin the process of their education in and for drama as well as encountering the possibilities of education (and personal development) through drama.

## Table Tennis

The table tennis championship of Lesotho, Southern Africa, has been won by a former student of the University of Wollongong, Andy Moqhal. Andy, who returned to Lesotho after graduation, is a former member of the University Table Tennis Club. He played for University in the Illawarra Competition for some years, reaching Division 2. In a letter to Dr. M.W. Bunder of the Department of Mathematics he thanked University champion Nguyen Q. Thoi, for his coaching.

## DISTINGUISHED VISITOR

Professor Thomas Luckmann, who holds the Chair in Psychology and Sociology at the University of Constance in Germany, has taken up his appointment as the first Distinguished Visitor to the University of Wollongong.

Professor Luckmann is a sociologist of worldwide reputation for his work in sociology of knowledge, phenomenology, sociology of religion and linguistics. As the principle interpreter of the phenomenology of Alfred Schutz and with his joint work with Professor Peter Berger of the New School of Social Research, New York University, Professor Luckmann has been the most significant contemporary sociologist to bridge the European and American sociological traditions.

Professor Luckmann has a B.A. in linguistics from the University of Innsbruck, an M.A. in philosophy and a Ph.D. in sociology from the Graduate Faculty, New School for Social Research in New York.

Professor Luckmann has come to Wollongong under the sponsorship both of the University of Wollongong and the American Fulbright Programme. While there he will be primarily responsible for teaching an inter-disciplinary Honours level seminar on studies of knowledge and will be involved in research programmes within the Sociology Department which are attempting to relate the "common stock of knowledge" of the layman acting in the world with "theoretical knowledge" in science and the social sciences. He will also be participating in sociology courses on religion and interaction.

Professor Luckmann has published extensively in German and English. His book with Peter Berger, "The Social Construction of Reality" has been reprinted six times in English and also translated into Spanish, German, Italian, Danish and Japanese. Other major works published in English include: "The Invisible Religion", "The Problem of Religion in Modern Society", "The Structures of the Life World" (with Alfred Schutz), and "The Sociology of Language."

## R.I. DOWNING MEMORIAL

A limited appeal - the R.I. Downing Memorial Fellowship Appeal - has been launched by the University of Melbourne.

The Appeal, a memorial to the life and work of the late Professor Richard Ivan Downing, formerly Ritchie Professor of Research in Economics at Melbourne University, will establish a Fund to bring distinguished overseas economists to the University. The Appeal will be open for three years. More than \$50,000 of the target figure of \$200,000 is already in hand. Gifts will be tax exempt and cheques should be made out to the University of Melbourne.

# THREE HUNDRED STUDENTS GR

The 1978 Graduation took place on Friday, May 12, with two ceremonies in the Union presided over by the Chancellor, Mr. Justice Hope.

The first ceremony at 10.30 a.m. was for graduates in Arts and Commerce. The second ceremony at 2.30 p.m. catered for Engineering, Metallurgy and Science graduates.

At the morning ceremony Emeritus Professor C.H. Manning Clark of A.N.U. delivered the Occasional Address and the Vice-Chancellor, Professor L.M. Birt, moved the vote of thanks.

At the afternoon ceremony the Chancellor delivered the Occasional Address and Professor L.M. Birt again moved the vote of thanks.

The honorary degree of Doctor of Science was awarded in the afternoon to Sir Ian McLennan, former Chairman of B.H.P. and now Chairman of the A.N.Z. banking group.

In presenting Sir Ian to the Chancellor, Professor B.H. Smith, Professor of Electrical Engineering, said: "Today the University honours Sir Ian as a man who, over a period of almost half a century, had made outstanding contributions to the industrial and public life of Australia... His steady rise to eminence included several years of service at the Port Kembla Steelworks and residence in the Illawarra."

The following Bachelor degrees were conferred: Arts, Pass 111, Honours 13; Commerce, Pass 38, Honours 1; Engineering, Pass and Honours 33; Science (Eng.) 16; Metallurgy, Pass and Honours 19; Science, Pass 51, Honours 7; Master degrees of Engineering (3) and Science (5) were also conferred.

Since the last Graduation Ceremony Council has conferred 4 Doctor of Philosophy degrees and one Bachelor of Arts, Honours, degrees. Council has also awarded three Diplomas in Accountancy and seventy Diplomas in Education.



Above: (L. to R.). The Vice-Chancellor, Professor L.M. Birt, Professor C.H. Manning Clark and the Chancellor, Mr. Justice Hope.

Below: The Chancellor, Mr. Justice Hope, awards the degree of Doctor of Science to Sir Ian McLennan.



Left: Ann Young, who graduated M.Sc. is congratulated by her husband, Dr. R. Young.





# GRADUATE IN TWO CEREMONIES.



Mr. Justice Hope.

the honorary degree



## SIX GRADUATES FROM S.A.P.

Six students admitted to the University under the Special Admission Programme in 1975 graduated at the 1978 ceremony. Of the 51 students enrolled in 1975, 30 are still completing their degrees on a part-time basis. The six graduates pictured studied full time.

The S.A.P. permits adults who have not reached matriculation status to enrol on passing an aptitude test. The performance at the University of students admitted under the scheme has proved above average. The group admitted in 1975 achieved pass rates of not less than 92%, well above the average University level.

Persons wishing to apply for entry under the S.A.P. in 1979 are requested to contact the Student Enquiries Office by October 2.

Pictured above after the Graduation Ceremony are: (left to right) Jill Hiddleston B.A.; Lorraine Thompson B.Com. (With Merit); Anne Francis B.A.; Allen Barlow B.A.; Nancie Melvin B.A.; Kerry Goonan B.A.



# STUDY LEAVE DEFENDED BY ACADEMIC SENATE

The international standing of Australian universities will fall dramatically if proposed new restrictions on academic study leave are implemented, according to a report prepared by the Academic Senate in response to the draft recommendations of an inquiry into study leave conducted by the Commonwealth Tertiary Education Commission (TEC).

At present, most Australian university academic staff are entitled to one year's study leave after six years service (or six months after three years) to pursue sustained research on scholarly projects and to acquaint themselves with the newest developments in their fields in other centres of learning.

For this reason study leave is normally taken overseas.

Sometimes shorter periods of leave are taken depending on the special needs of the staff member or the particular institution.

The TEC inquiry has recommended that in future study leave periods should normally be taken in Australia, and that financial support for travel should accordingly be drastically reduced.

Condemning these proposals, the Academic Senate stressed that Australian universities have fought to successfully establish themselves as part of the international community of universities, and that any restriction on the ability of staff to keep abreast of overseas developments must inevitably mean a significant lowering of Australian standards of teaching, scholarship, and research.

The Senate claims that the TEC inquiry made fundamental errors in estimating the costs of study leave.

It also warned that sensational allegations of widespread abuse, which the TEC inquiry recognized to be by and large unfounded, should not be given undue weight in the preparation of its final recommendations.

The Senate also stressed the importance of relating its final recommendations, due to be published by TEC later this year, to a clear and defensible conception of the full range of responsibilities of university academic staff.

It also emphasized that the present leave system had generally served Australian universities well, and that any proposal to restructure these arrangements should only proceed if based on clearly stated and compelling argument.

The University had begun revising its study leave procedures before the TEC inquiry was conducted and believes that if all universities were to review their procedures and require detailed reports by staff members of their study leave activities, the possibility of abuse would be effectively eliminated.

The Academic Senate has forwarded its report to the convenor of the TEC Working Party on Study Leave, Professor Noel Dunbar, for consideration, along with the responses of other tertiary institutions, in preparing its final recommendations.

A copy of the Senate's report has also been sent to the Federal Minister for Education, Senator Carrick, and to the Chairmen of Professorial Boards, or equivalent bodies, of every Australian university.

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## Rhodes Scholarships

**A former Rhodes Scholar has been appointed to the University of Wollongong's newest lectureship, and a student in Geology at this University has been awarded a Rhodes Scholarship for 1978.**

Mr. Laurance Splitter, a graduate of Monash and Oxford Universities, has been appointed to the fifth post in the Department of Philosophy.

Mr. Splitter gained a double first-class honours degree from Monash University in mathematics and philosophy, and then completed the postgraduate Bachelor of Philosophy degree at Magdalen College, Oxford. He is the seventh Oxford graduate to join the staff of this University. The others are Professors L.M. Birt, K.A. Blakey and J.L.C. Chipman, Doctors I.M. McLaine and P.E. Simmonds and Humanities Faculty Chairman Ms. Dorothy Jones.

Mr. Splitter is teaching first-second-and third-level philosophy students.

Mr. Nikhilesh Senapati, a student in Geology, will use his Rhodes Scholarship to further his studies in Geology at Oxford University.

Nikhi, to his friends in Geology, is an Indian but was born in England (1955), went to Nigeria (1958) and then to school and college in India, spending school holidays in Nigeria. He gained his B.Sc. with first class honours in Geology from Bombay University. His family is now in Australia and will remain here while he is in Oxford.

Nikhi came to Wollongong in mid-1977, enrolling in Chemistry and Geology subjects. He is currently enrolled in several 300-level Geology subjects. At Oxford he will study under Dr. K.G. Cox while resident in Jesus College for his B.A. in Geology.

Squash is Nikhi's sport - he represented India in the World Amateur Squash Championship in England in 1976.

The Rhodes Scholarship requires all-round excellence in scholastic, sporting and leadership achievements.

## Submission To Universities Council

Three main themes recurred throughout the University of Wollongong's submission to the Universities Council for the 1979-81 triennium, the Vice-Chancellor, Professor L.M. Birt, said regarding the visit of the Universities Council on April 5 and 6 to discuss the University's submission.

He said that the first theme was the need for continued and assured 'betterment' in the general allocation of funds. In the last three years, the University has received significant 'betterment' in funds, which would provide the University with a basic level of financial support equivalent to that of other Australian universities, particularly in regard to Library, and equipment and research grants. It would allow the University to strengthen and expand its recently established academic programmes.

Professor Birt said that the second theme was the need for reinstatement of the University's building programme without which the University's present space inadequacies would be increased.

The third theme was the desirability of undertaking two new developments:

- . Multi-Cultural Studies, already underway and successful in a modest way, with the encouragement of the Universities Commission; and

- . Performing Arts, already accepted as a highly desirable development by the Universities Commission.

"Both of these, in addition to their suitability as academic activities, strengthen the University's links with the community within which it is placed," Professor Birt said.

He said that the University's submission showed that, although there had been significant growth in student numbers in the recent years of constraint and provision for some further growth up to 1981 within the Government's guidelines, the problems of restriction of growth were as serious "for this small, new University as they were for other Australian universities."

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## ASSOCIATION OF PHILOSOPHY.

The University of Wollongong was represented for the first time this year at the annual conference of the New Zealand Division of the Australasian Association of Philosophy.

Professor Lauchlan Chipman, Chairman of the Philosophy Department, was commentator on a symposium on Kant's theory of Time. The conference was held at Massey University in Palmerston North, in May. Other Australian Universities represented were Melbourne, Adelaide, La Trobe, Macquarie and A.N.U.



# CHAMBER OF COMMERCE GIFT

The Wollongong Chamber of Commerce presented a chair to the University of Wollongong Chancellor, Mr. Justice Hope, on Friday, April 28.

Known as the "Chancellor's Chair", it will be used by the Chancellor for University Council meetings and on ceremonial occasions such as the Graduation Ceremony.

Mr. Justice Hope is the University's first chancellor.

Chamber of Commerce president, Mr. Errol Elkins, handed over the chair before the University Council's meeting on April 28.

Mr. Elkins said that the chair was a gift from the Wollongong Chamber of Commerce, representing the commercial and business community of Wollongong.

"It is our way of expressing our gratitude for the work of the University of Wollongong for the community," he said.

The chair has a simple design with clean lines. It is of the same design as the chair which one of Australia's foremost furniture designers, Frederick Ward, designed for the Master's Chair at University House, Australian National University, in 1956.

The frame is Tasmanian blackwood and features olive-green leather upholstery on which is embossed the University's armorial bearings.

The upholstery was made in Canberra and the frame in Sydney, both by specialist chair makers.



Above: Chamber of Commerce President, Mr. Errol Elkins (centre) presenting the "Chancellor's Chair" to Mr. Justice Hope (left). Lord Mayor Alderman F. Arkell, at right.

Miss Mackie was also a member of the Auckland Cathedral Choir for approximately seven years, and sang in London in the Bach Choir under the leadership of Sir David Willcocks in 1974 and 1975.

Her other interests include art history, philosophy, classical music and riding.

At the University of Wollongong she hopes to undertake further research into the works of the twentieth century Hermetic poet, Giuseppe Ungaretti.

Dr. Hawley, who has assumed duties as Lecturer in French, is a native of Boston, Massachusetts, U.S.A., and did his graduate work at the University of Wisconsin, where he taught for four years. He comes to Wollongong from Adelaide where he held a Research Fellowship in Humanities at Flinders University.

Dr. Hawley's research interests range from French literature and civilization to Indian Studies in which he did his doctoral minor.

He has written on Voltaire and Georges Bataille. His book on Bataille, *L'Oeuvre Insolite de Georges Bataille*, was released this year in Geneva and Paris.

Dr. Hawley is an avid film buff. In South Australia he was Acting Administrator of the Adelaide International Film Festival and continues to be active in the organisation.

Dr. Hawley said: "I feel strongly that film has an important place in university studies. It is of particular use in language departments and I hope to be able to present some interesting overseas films later this year at Wollongong."

Dr. Hawley has also spent a number of years studying oriental rugs and was a licensed valuer and appraiser in the U.S.A. He gave Adult Education courses on the art of the oriental rug in Adelaide and hopes eventually to do so here.

Dr. Hawley is married to Dr. Anne L. Martin who is also a specialist in French Literature.

## RETIREMENT OF DR. RUDZATS

Dr. Richard Rudzats, Lecturer in Chemistry, retired on August 31st. Dr. Rudzats studied Chemistry, Pharmaceutical Division, at the University of Latvia, in Riga, before coming to Australia in 1949 and settling in Wollongong.

He graduated in Chemistry from the Wollongong Technical College in 1956 then went to the University of N.S.W. where he graduated B.Sc. in 1958; M.Sc. in 1963, and obtained his Ph.D. in 1972.

During his Diploma Course he received First Prize at every stage; he was awarded the Royal Australian Chemical Institute Student Prize in 1956 and First Prize in the Applied Chemistry Conversion Course in 1958.

In 1956, Dr. Rudzats was appointed Technical Officer in the then Wollongong Division of the University of N.S.W.. He became Senior Tutor in Chemistry in 1964 and Lecturer in Chemistry in 1973.

Dr. Rudzats' retirement plans include pottering in his garden, catching up on his reading, and some overseas travel, including a trip to Mexico to further his interest in pre-Columbian architecture and art.

Colleagues farewelled him at an informal party at the University on August 24th.

## APPOINTMENTS IN EUROPEAN LANGUAGES

Two new staff members have taken up duty recently in the University's Department of European Languages. They are Miss Angela Mackie and Dr. Daniel Hawley.

Miss Mackie has assumed duties as Lecturer in Italian.

She obtained a Bachelor of Arts degree in Italian at the University of Auckland in 1972 and completed a Master of Arts (Honours) degree at the same University in 1977.

In 1974 and 1975 Miss Mackie studied at Perugia University for Foreigners in Italy, where she gained a diploma qualifying her to teach Italian Language and Literature.

In 1972, Miss Mackie was a member of the Auckland University Festival Choir which represented New Zealand at the Triennial Choir Festival held in New York, where recitals were given at the Lincoln Centre, and at the John F. Kennedy Centre in Washington. The Choir also gave recitals in England, Germany and Singapore.

# " IT'S THE KANGAROO IN THEM "

Dr. Stuart Piggin of the Department of History returned last March from a period of study leave, spent in the U.K. and the U.S.A. He has written this summary of his experiences for CAMPUS NEWS.

In January 1972 I had the misfortune of sharing Madrid Youth Hostel with a youth who had fallen in love for the first time. He waxed lyrical about it for most of the long, cold night. My first study leave inflamed similar emotions. I have a consequent propensity to rhapsodise. After the years of discipline required to complete a Ph.D. followed by the staple diet of teaching and administration in my first teaching post, I found study leave an exhilarating change. It afforded experiences essential to a university teacher's training: meeting academics who had been only names, attending conferences, learning how the publishing world functions, meeting the editors of journals in my field, and much reading and writing interrupted only by coffee and squash.

## On Conferences

In July I attended the Ecclesiastical History Society Conference at Christ Church, Oxford. The Society's President, John McManners, who over a decade earlier had taught me Church History at Sydney University, chose as the Conference's theme: "Religious Motivation in biography and the Social Sciences". I buried myself in psychological studies of motivation and emerged with a paper on the motives of nineteenth century missionaries which is to be published by the Society later this year.

During the Conference I occupied a vast room overlooking Christ Church Meadow. I took breakfast (cornflakes while everybody else had fruit juice) in Wolsey's great dining hall resplendent with the portraits of Christ Church alumni, including 13 prime ministers, 11 viceroys of India, countless bishops and John Wesley. A canon of Christ Church took us on a guided tour of the college and, when asked where Gladstone's rooms were, replied that he had no idea. He was interested in nothing later than the 16th century.

## On home away from home

Most of my study leave was spent in the Department of Religious Studies, King's College, in Aberdeen. The departmental head, Andrew Walls, is the closest thing to omniscience I have discovered outside my prayers. When writing I would simply address my queries to Andrew and then incorporate his answers in the text. Not the most rigorous research technique you might think, but I've yet to discover an easier method. It was Andrew who said when reflecting on the aggression of Australian academics after I had persuaded him to participate in a project: 'It's the kangaroo in them'.

The Department attracts many African students and has a fine Africanist, Adrian Hastings, who has written 13 books on African religion and history. A liberal catholic priest, he is ill at ease in his own

church, but is very optimistic of change and enjoys preaching in Westminster Abbey. A third member of the Department is the historian of Western atheism, James Thrower, who each year takes parties of students to Russian to explore the religious scene.

## On publishing

Most of my time in Aberdeen was spent rewriting my thesis which is to be published next year by Marcham Manor Press, an Oxford publishing house. Its editor, Gervase Duffield, is publishing a series of monographs on the nineteenth century Church. Hence he knows a lot about my subject and he made a trenchant critic. He hates all concessions to popular taste and systematically excised all anecdotes and references to the social sciences. The result is a manuscript with acres of footnotes and which reads more like a thesis and is far longer than my original thesis. I also suspect that it is a lot better, but it will not be a best-seller.

To assist him to give birth to this monster he asked me to apply for a grant from the University of London. In pursuit of same I had an interview with Professor A.G. Dickens, Head of the Institute of Historical Studies and historian of the Reformation. This interview, which an irate secretary scheduled to last 5 minutes, took 2 hours. Dickens talked non-stop about Luther and about his latest obsession which is to organise information exchange with the culturally-deprived academics in Communist countries. I left exhausted but with the promise of a grant.

From my experience with the publisher alone I would maintain that there is great value in study leave for academics. A 12 months correspondence had achieved little, but when I went to see Duffield in person he was prepared to give me the top brick off his chimney.

## On disasters

In September I flew to the United States to attend the Annual Meeting of the American Sociological Association in Chicago where I spent a morbid week attending sessions on death, disaster and religion. There were 2,500 delegates. While I felt marooned in the hugeness of it all, they bemoaned the low numbers. But the chief source of moaning was the paucity of tenured posts in American universities. The same complaints were frequently aired at the Oxford Conference, and I came to the firm conclusion that the current tightening of conditions governing tenure is unwise since it engenders so much discontent.

A New Zealand sociologist took me under his wing, showed me the black ghetto areas of Chicago (which I thought were paradise compared with Glasgow) and laboured for a week-end to show me how motives could be quantified.

Thence to the Disaster Research Center, Columbus, Ohio, where I announced that Australian academics actually stop work for lunch and even for coffee. This sparked

off revolution and no doubt emigration to Australia. American academia is more of a threat to sanity than the disasters studied. Disasters are described as "beautiful" and a stock of ghoulish jokes is always to hand.

## On Museums

Washington's free museums must be one of the seven wonders of the modern world. In the National Museum of History and Technology I was spell-bound by a film of Henry Ford's production line. Hell could not be more nauseating. But exploitation in early industrial America was not confined to men and the automobile industry. I was struck by the words (c.1915) of Harry Roskalenko on the clothing industry: "12 and 14 hours a day. Lunch about 20 minutes. Piecework which meant self-slavery. Cold Factories. Airless traps. Fires always fires. The 1911 fire at the Triangle Waist Factory, that killed 146 girls and women."

## On Libraries

Yale University and the Union Theological Seminary, New York, have the two finest missionary libraries in the world. The Day Missions Library at Yale was amassed mainly by Kenneth Scott Latourette as he wrote his monumental 7 volume History of the Expansion of Christianity. The Librarian, Dr. Peterson, had earlier spent a happy sabbatical at Aberdeen with Andrew Walls and after spending 2 days showing me the collection, he begged me to return to Yale on my next leave to collaborate with him on a research project. Where do American academics get this aggression? It can't be the kangaroo in them.

Having recently retired from the Wollongong University Library Committee I was stirred by the following words of Chauncey Brewster Tinker, late Sterling Professor of English Literature at Yale:

"If we are not willing to compete with the best libraries in this country, it is folly for us to attempt to be one of the great universities, for scholars and teachers, graduate students, and, at last, undergraduate students will go where the books are."

## On Harlem and History

Whilst in New York I went on a walking tour through Harlem (which again I thought had nothing on Glasgow) with Professor Nathan Huggins, author of *The Black Renaissance*. We ended up at a poetry reading given by black poets who all worked at the Schomburg Center for Black Culture. Arthur Schomburg was the son of a German father and a Puerto-Rican mother. When he asked his teacher why people of his skin-colour appeared so infrequently in history books, she replied, 'Coloured people have no history.' Wounded, he set about collecting works written by blacks. He was convinced that a people who have no history have no future.

I wish I could convince my students of that.



## CONFERENCE ON ITALIAN CULTURE.

The University was the meeting place on Wednesday, August 30th, for delegates to the First Australian Conference on Italian Culture and Italy Today. This visit was organized by the University's Department of European Languages.

The Sydney-based Conference was convened by the Frederick May Foundation for Italian Studies, which was formed in 1976 to honour the memory of Professor Frederick May and to continue his efforts to diffuse Italian studies in Australia.

Some 150 delegates, including distinguished academics from Italy and throughout Australia, left Sydney by bus, arriving at Wollongong at 10 a.m.

Theme for the day's discussion was Italy and Australia. The leading speaker was the Hon. A.J. Grassby, Commissioner for Community Relations. Other speakers included Professor Barry Leal and Dr. Vincent Cincotta, of the Department of European Languages.

A full coverage of this event will appear in the next issue of Campus News.

## Wollongong Speakers At Canberra Conference.

Two Wollongong University postgraduate students were among the principal speakers at a major academic conference held in Canberra.

They were Mrs. Madeleine Cincotta and Mr. Lindsay Porter, both of whom are research students and part-time tutors in the Department of Philosophy.

The conference was organised by the Australasian Association of Philosophy and involved academic philosophers from Britain, the United States, New Zealand, and all states of Australia.

Mrs. Cincotta, a graduate from Fordham University New York, presented an original paper on the philosophical position of the Italian writer, Luigi Pirandello, who has previously been neglected by academic philosophers.

Mr. Porter, a first class honours graduate and prize winner from Melbourne University, examined recent work on the major German philosopher, Immanuel Kant.

Last year's conference of the Australasian Association of Philosophy was held at the University of Wollongong for the first time, and attracted a record number of participants.

It is expected that next year's conference will be held in Perth.

## Establishment Of Department Of Computing Science.

The Senate and the Council of the University have approved the establishment of a Department of Computing Science to become effective on or before January 1, 1979.

Some Computing studies have been offered by the Department of Mathematics for many years but following the appointment of Professor Juris 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 prejudice 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".

Professor Reinfelds said that one could expect an enrolment of approximately 100 first year students in Computing Science for 1979; approximately 40 in second year and about 15 in third year.

## STUDENT W.E.A. PRESIDENT.

Mrs. Marion Walsh, a mature student at the University, has been elected President of the Illawarra Region of the W.E.A.

Mrs. Walsh has been associated with the W.E.A. for over twenty years. She has been a member of State Executive for 15 years and was State President of the Association during 1972. She has served five previous terms as President of the Illawarra Region and was made a life member of the W.E.A. in 1973.

Mrs. Walsh is in her final year of an Arts course at the University and is a member of the English Department Student Committee.

## Publication of Major Work by Dr. R. Chowdhury.

Elsevier Scientific Publishing Company, of Amsterdam and New York, have recently published a major work by Dr. R.N. Chowdhury, a senior lecturer in the Civil Engineering Department of the University of Wollongong.

Entitled "Slope Analysis", this work is expected to be available in Australia shortly. It has been described as the first comprehensive study on a subject of tremendous importance to geotechnical engineers, engineering geologists, geomorphologists and others. It is an organised, up-to-date and concise presentation of the fundamental principles concerning the analysis of slopes, discussing the similarities and differences between natural and man-made slopes, and between soil and rock slopes.

Dr. Chowdhury, who is well known in Wollongong for his pioneering studies in the region's slip problems, is currently on study leave overseas and is at present a Visiting Scholar at the University of Illinois, U.S.A. and a Senior Research Associate of the Illinois Institute of Technology.

Last year Dr. Chowdhury made a very successful appearance as a panellist in a special programme in New York. The programme, in Geotechnical Engineering, was sponsored by the National Science Foundation (U.S.A.) and attracted leading academics in the area of soil mechanics as well as leading practitioners in geotechnical engineering.

Before this trip to America, Dr. Chowdhury attended the Ninth International Conference in Soil Mechanics and Foundation Engineering and the Second International Symposium on Landslide, both held in Tokyo.

## HOUSING SCHEME.

The Commercial Banking Company of Sydney Limited has advised that the maximum amounts available to members under the Housing Scheme have been increased as follows:-

Professors	\$50,000
Associate Professor/ (Reader)	\$40,000
Senior Lecturer	\$37,000
Lecturer	\$33,000
Senior Tutor & Others of equal status	\$27,000
All other conditions of the Housing Scheme remain unchanged.	

Further information available from Mr. H.V. Brandon, Finance Officer, ext. 951.

## CHANCELLOR RE-ELECTED.

Mr. Justice Hope was re-elected to the position of Chancellor of the University at the Council meeting held on August 11th. Mr. Justice Hope, the University's First Chancellor, was elected to the position in 1975 and now begins his second three-year term.

The Chancellor has been a Judge of the N.S.W. Supreme Court since 1969 and headed the Royal Commission Intelligence and Security Services. He became a Queen's Council in 1960 and 1967-69 was President of The Australian Council For Civil Liberties.

The current composition of Council is as follows:-

### ELECTED BY THE LEGISLATIVE COUNCIL

The Honourable Max Frederick Willis,  
ED, LLB Syd

### ELECTED BY THE LEGISLATIVE ASSEMBLY

The Honourable Lawrence Borthwick  
Kelly, MLA

### ELECTED BY THE GOVERNOR ON THE NOMINATION OF THE MINISTER FOR EDUCATION

To hold office until 7th August, 1981  
Colin Denley, LLB Syd.  
Brian Somerville Gillett, BA DipEd Syd.  
The Honourable Sir Richard Clarence  
Kirby, LLB Syd.

One vacancy

### EX OFFICIO

The Chancellor  
The Vice-Chancellor

### ELECTED BY THE STUDENTS OF THE UNIVERSITY

To hold office until 10th August, 1979  
Murray James Robinson  
Robyn Thelma Slater

### ELECTED BY CONVOCATION

To hold office until 7th August, 1981  
Edgar Beale, Hon. DLitt W'gong  
James Wilmot Dombroski, BSc Syd.  
William Edward Parnell, BA BCom  
N.S.W.

### ELECTED BY THE FULL-TIME ACAD- EMIC STAFF OF THE UNIVERSITY

To hold office until 7th August, 1981  
Three Professorial members

Professor Austin Duncan Brown, MSc  
Syd., PhD Manc.

Professor John Lauchlan Carter Chipman  
MA LLB Melb. BPhil DPhil Oxf.

Professor Robert Barry Leal, MA DipEd  
Syd. PhD Q'ld.

One member other than a Professor  
Assoc. Professor James Seymour Hagan,  
BA DipEd Syd., PhD A.N.U.

### ELECTED BY THE FULL-TIME GENERAL STAFF OF THE UNIVERSITY

To hold office until 7th August, 1981  
Elisabeth Ann Hilton

### ELECTED BY MEMBERS OF THE COUNCIL

To hold office until 7th August, 1981  
Three vacancies

At the previous meeting of Council in June, the Vice-Chancellor, Professor L.M. Birt, noted that the occasion marked the end of the "First Chancellor's Council". He said that this Council had played an important part in setting the pattern of activity and the standards for operation of the University, and that this contribution would shape the work of the developing University and the expectations of its staff and students now and in the future.

Professor Birt thanked Council members for their significant contribution to the effective development of the University and especially thanked lay members who provide an essential reminder of the "facts of life", particularly as they bear on University policies, plans and activities.

The Vice-Chancellor moved, and Council carried a motion of thanks recording its appreciation of the services rendered by its retiring members.

## CAMPUS DEVELOPMENTS.

The following report on campus develop-  
ments comes from The Estate Manager,  
Mr. J. F. Bell.

### NORTHERN SERVICE ROAD.

The contract for construction of a new service road north of the Pentagon, Science and ACS buildings was completed in August. This contract was for the first stage of the plan to close the existing north south service road from the Union Entrance to the Northern Car Park and create one pedestrian precinct in the central campus as provided in the University Development Plan.

Further stages involve constructing a service road from the Eastern Entrance around the proposed Eastern Car Park and back along the northern side of the Thermodynamics Laboratory and the Workshops Building to join the first stage. It is planned to progress this work in 1979.

### CENTRAL SQUARE.

The same contractor has been involved in the construction of the central square. Work as shown in the drawings displayed in the Union and the Library is continuing and the principal works will be completed this year. It will take somewhat longer for the full effect of the landscaping to be appreciated as it depends upon the growth of many newly planted trees.

Some inconvenience to people using the paths in this area will result from the work involved in putting down foundations and laying the new brick paths, but this will be kept to a minimum. Please be patient if you have to take a longer route while the new paths are being laid and the light standards erected.

The pond will not be filled until the edges have been completed by the provision of a wall of old turpentine piles from a demolished wharf in Sydney. Slow demolition has delayed this work as we need to have enough to complete the work available before pile driving begins. The

pond will be filled before the end of the year. When filled it will be over three metres deep in the centre and needs to be treated with the respect due to deep water.

It is planned to enable a natural eco system of marine and bird life to grow up and a reed island will be built within the pond to assist this.

### UNION EXTENSIONS.

A contract was let in August for two new squash courts, the installation of a sauna, and the provision of a games room at the western end of the present building. This portion of the work is expected to be completed by Christmas. Concurrently, work will also begin on extensions of the existing bar and Bistro to the south. This includes the provision of air conditioning in these heavily used areas. Work in these areas will be carried on during the end of year recess and is to be completed before first session 1979.

It is good to see one of our graduates in Civil Engineering, Gary Murphy, responsible for supervision of this work. The contract was won by his father's building firm, P.R. and J.F. Murphy.

Plans of the work are on display in the Union Board Room.

In addition a contract was let with Eastern Elevators to install the service lift which will be greatly appreciated by Union staff who will no longer have to carry all food and drink up the stairs when work is completed, probably in November.

Work to provide 35mm projection facilities in the Union Hall was completed by another contractor, Bob Vaughan, in August.

## PUBLIC QUESTIONS FORUM.

The Third Public Questions Forum was held under the figtrees on August 24th. "Contraception, who is responsible?" was the topic. Speakers were Marriage and Family Guidance Counsellor, Mrs. M. Fuller, and University Counsellor, Mr. Michael Breen. A report on this Forum will appear in the next issue of Campus News.

### CAMPUS NEWS

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