



University Year 1975

The University of Wollongong CAMPUS NEWS

PUBLISHED BY THE INFORMATION OFFICE FOR CIRCULATION IN THE UNIVERSITY

VOL. 1 NO. 25

OCTOBER 31, 1975.

VICE-CHANCELLOR REPORTS ON 1976 FUNDING

*The statement below has been circulated
to Departmental Chairmen, the S.R.C.
President, the Librarian, the Registrar,
the Bursar, the Estate Manager, and the
Secretary/Manager of the Union.*

The University has now received notification from the Universities Commission of the funds which it will receive from the Australian Government for the calendar year 1976, subject to the Budget being passed. In framing its recommendations, the Commission states that its recommendations conform to the guidelines set by the Government namely:

- (a) recurrent expenditure in 1976 to be at a level which maintains existing standards;
- (b) the present proportion of the relevant age group going on to tertiary education is to be maintained;
- (c) new initiatives are to be deferred;
- (d) expenditure on capital projects already commenced is to be continued;
- (e) new capital projects are to be limited to those demonstrably essential.

It is difficult to be completely precise about the financial position of this University in 1976, as there are a number of changes in the rules which the Commission lays down for expending funds in various categories, and some comparative figures are triennial, not annual, figures. In general terms, however, our funding is as follows (all amounts quoted subsequently are in constant price levels - the June quarter of 1975 or an approximation to those levels, and in some cases therefore differ from figures quoted previously):

CONT. P.2.

ONE MORE ISSUE THIS YEAR

It is expected that one more issue of Campus News will be published this year in mid-November. Copy for this issue should be with the Information Office (Room 116, Admin. Building) no later than 5 pm. on November 12.

INSIDE

Manton's Comment	Page 3
Public Seminar Report	3
Donations to Library	5
Sports Pavilion	6
Building Report	6
New Professors	8
Aussie Norm	9
Re-enrolments 1976	11
Creative Design Judging	12
T.E.A.S. Payments	13
S.R.C. Notes	13
News From Union	14
Scholarships	19
Schools Liaison Seminar	21

	(a) 1976- Sixth Report	(b) 1976 Present U.C. Recommendation	(c) 1976 "Standstill" Cost (3)
Recurrent	6,370,000	6,160,000	6,554,00
Equipment (a) general	421,000	400,000)	N.A.
(b) earmarked for Library	170,000	170,000)	
Capital Works	2,360,000	Nil (1)	N.A.
Research (Category A)	45,000	45,000	
Student Load	1840	1830 (2)	

(1) I believe that funds will be provided to complete the entire present building programme; and we have been advised that the University may need either to borrow money or to transfer funds from the Recurrent Vote to carry out any site works considered absolutely essential in 1976 (such as the construction of paths, drains, parking areas, etc.).

(2) The reduction between column (b) and (c) of 10 student load is in the category "Higher Degree by Thesis".

(3) The "standstill cost" is the cost of maintaining in 1976 the present range of activities, together with additional inescapable costs, largely those incurred by the completion of new buildings which will increase the total floor area by about 60%. The difference is made up as follows:

(i) recognise a realistic vacancy rate in staff levels of 3% - \$250,000;

(ii) cleaning of new buildings (pro rata) - \$150,000;

(iii) electricity costs (new buildings) - \$70,000;

(iv) full year cost of posts newly established in 1975 - \$85,000;

(v) inflation in the three main overheads (printing, postage and insurance) - \$34,000;

(vi) new costs - audit, building planning, Commonwealth scholarship allowances, and payment of practice teachers, etc. - \$60,000;

(vii) other increases (largely as the result of inflation in a whole series of small categories) - \$50,000.

TOTAL - \$700,000.

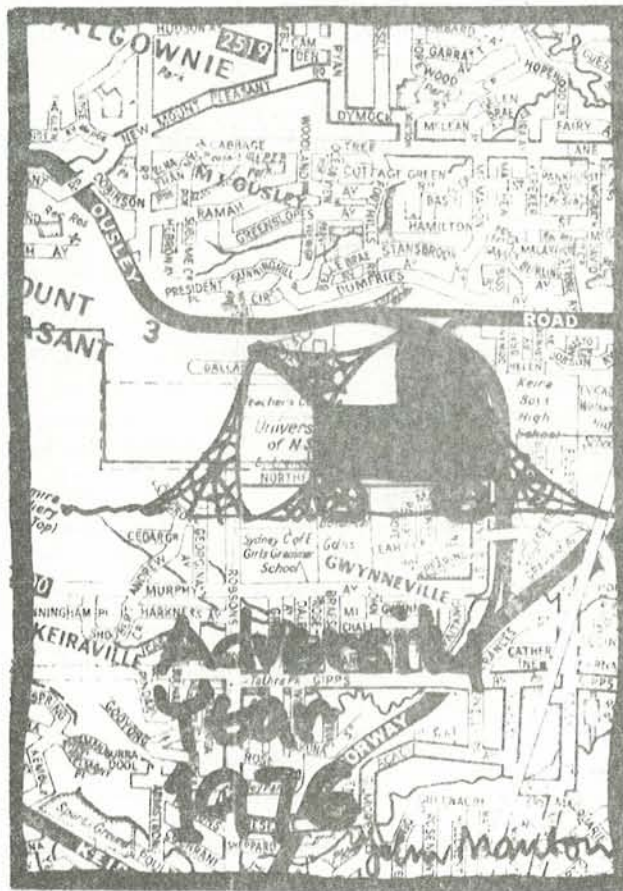
The Budget Advisers Committee has met for a discussion of possible lines of action, and will shortly consider a firm proposal for a Draft Global Budget which can be sent forward through the Finance Committee to Council for its approval. Although it is not yet possible to specify precisely even that Draft Global Budget, two elements are now clear. Firstly, it must be a balanced budget; secondly, the shortfall in funds below the standstill figure is so great that all the main categories of expenditure will need to be reduced - though not necessarily, of course, to the same extent. Thus, there will be reductions in spending in academic activities, in academic support activities, in the Library, in Administration, in Buildings and Grounds, and in University overheads.

It will not be possible for the Council to give its approval to the budget for 1976 until December of this year. I propose in the meantime to allow the University's budget units (i.e. the academic departments, the administrative divisions and the Library) to begin planning and commitment of orders against specified budget allocations which lie within the limits being recommended to Council. In this way, I hope we will be able to minimise the unfortunate effects of the long delay in receiving notification about our funding for the year.

In general terms, the Universities Commission has been relatively generous in its provision of funds for the University of Wollongong in comparison with those for other universities. In particular, this applies to the funding for equipment which is virtually unchanged from the Sixth Report's recommendations, whereas those for other N.S.W. universities have been about halved.

L. Michael Birt,
Vice-Chancellor.

MANTON'S COMMENT



PUBLIC SEMINAR: GOVERNMENT AND THE COMMUNITY---A REPORT

In the report published below, Professor Ken Blakey, of the Department of Economics, summarises significant aspects of the public seminar, Government and the Community, which was held at the University on October 17 and 18. Professor Blakey was the seminar's co-ordinator.

CONSEQUENCES OF SEMINAR COULD BE SIGNIFICANT

The consequences of a public seminar held on October 17 and 18 could be significant for the future of the University and the Illawarra Region. The seminar, organised as part of University Year, was concerned with three main areas of government interaction with the community:

- relation to land use and transport in regional development;
- in regard to regional aspects of industrial development;
- in the development of health and welfare services.

It brought together 130 representatives of community action groups, trade unions, business management and all levels of government; and also university economists, sociologists, geographers, psychologists and engineers.

The theme and style of the seminar were set in the opening remarks of the Vice-Chancellor, Professor L. Michael Birt, and by the address of the Australian Minister for Urban and Regional Development, Mr. Tom Uren.

Professor Birt spoke of the role of the university in this seminar and more generally in the community in exercising a service function, particularly in providing resources to assist developments designed to improve the quality of life in the region.

The same purpose was stressed by Mr. Uren in relating policies of national and state governments to regional needs. The Minister also spoke in specific terms of the Illawarra, including the need for tertiary economic activity: he held out prospects of the transfer of an Australian Government Department to Wollongong, not only as part of a response to this need but also as part of a policy designed to bring central government agencies into closer touch with the community.

From different points of view, the other guest speakers accentuated and elaborated the roles of government, industry and other community organisations. Professor M.I. Logan (Geographer, Monash) stressed the social and economic significance of the States in Australia, adding weight to the references of Mr. Chris O'Connell, Director of the N.S.W. Council of Social Services, to the importance of State Government functions.

Mr. Paul Gross (Commissioner, Australian Hospitals and Health Commission, and Adviser, Royal Commission on Australian Government Administration) reinforced the general theme, while developing original arguments for reform and community involvement in regional planning of health and welfare. He proposed block funding of "joint health, welfare and related services in a regional system" organised by the Federal Government and co-ordinated by the States, and he argued for the withdrawal of central government from the delivery of such services.

The consequences of the seminar for the University and the region may be simply a matter of the spread of ideas, the increase in understanding among diverse community groups affected, and some enduring personal and group associations which bring University people into community activity.

However, the seminar has revealed regional needs which are much more definite and substantial. There is a demand for effective administrative systems to make government and quasi-government agencies responsive to community needs, and to reshape the "unco-ordinated, ineffective and inefficient" bureaucracies to which Paul Gross referred.

The University, and particularly the social scientist, could---if the resources were available---carry out a crucial role in assisting such community development on a regional basis.

SEMINAR SUBJECT "A MATTER OF LONG-STANDING CONCERN"

The subject of the seminar on Government and the Community was a matter of long-standing concern to the University and its predecessor (the College), the Vice-Chancellor, Professor L.M. Birt, told participants when opening the seminar.

He said that many of the university departments had taken a keen interest in and contributed to the consideration of regional affairs and regional problems.

Professor Birt said: "In brief, we entertain the hope that this University will be able to act as a resource centre for the region in which it grows. This conference is, of course, the kind of occasion on which such a function can be discharged effectively, and we can provide an opportunity for the presentation of information and views and for wide-ranging discussion of them by people from within the region and from without.

"In particular, on this occasion, there has been action between the University, the Department for Urban and Regional Development, the Regional Organisation of Councils, the Regional Advisory Council, the Trades and Labor Council, the Health Commission, B.H.P., the Institute of Education, technical colleges, school teachers, and various community action groups. I mention those names simply to draw to your attention again how many different interests and groups have taken part in and will contribute to the organisation and proceedings of this seminar.

"And I'd like to express the hope, which I know many of you will share, that such interaction will continue in the future so that the united efforts of all these different groups can contribute to the development of the Illawarra Region.

"You may wish to consider, for example, during the course of your discussions whether a seminar similar to this one should be held next year or at some future time or in what other ways various interested groups can continue to communicate effectively with each other. I think it is necessary to give some specific thought to this particular matter because busy people either neglect or lose opportunities to communicate effectively with each other unless they plan those interactions carefully."

LETTER TO THE EDITOR

Dear Editor,

Participants in the recent seminar on regional economic and social development may have misconstrued my widely reported comment that the industrial health of the Illawarra is threatened by Mercury poisoning. Unfortunately, reference to the publication of my finding is no longer possible as I was made to scrub it off. In mitigation I can only plead that my doomsday prophecy was made after taking the best bio-chemical advice available to me.

Yours sincerely,

R.G.T. Southall

LIBRARY RECEIVES VALUABLE DONATIONS

Donations worth a total of \$5000 have been made to the University of Wollongong Library recently.

Mr. and Mrs. W. Simpson, of Church Street, Wollongong, donated a cheque for \$2000 in recognition of University Year. Mr. Simpson is chairman of directors for Television Channel WIN4.

The University Librarian, Mr. Jeff Hazell, said that Mr. and Mrs. Simpson's donation would be used to buy sets of valuable periodical indexes.

The Indexes are: Poole's Index to Periodical Literature; the Wellesley Index to Victorian Periodicals (Vols. 1 and 2); and the Public Affairs Information Service Bulletin (Vols. 1 to 57, 1915-70).

Poole's Index is the only Index to English and American periodical literature published over a period of 105 years. This classic reference tool aids in locating the serialised commentary and literary contributions of thousands of nineteenth-century writers.

The Wellesley Index is a developing project. Volumes 1 and 2 examine about twenty periodicals in detail and include important bibliographical information, such as author identification, which is missing from Poole's index.

The Public Affairs Information Bulletin is a selective subject list of the latest books, pamphlets, government publications, reports of public and private agencies and periodical articles relating to economic and social conditions, public administration and international relations. Because of its frequent appearance and comprehensive coverage of English-language material, the P.A.I.S. Bulletin is the major indexing service in its field in English.

Dr. Ida A. Browne, D.Sc., formerly senior lecturer in Geology at the University of Sydney, has donated journals worth nearly \$3000. The donation comprises a full set of each of the Journal of Sedimentary Petrology and the Journal of Paleontology.

Department of Geology acting chairman, Associate Professor Evan Phillips, said: "Our complete holdings in these journals will be beneficial to sedimentology and paleontology, two important elements in our Department.

"Many publications in Dr. Browne's long and distinguished career are concerned with South Coast geology, so it is perhaps fitting that part of her personal library should find a permanent home at the University of Wollongong."

The French Government, through its Embassy in Canberra, has donated \$170 worth of books selected jointly by Professor Barry Leal, Department of French, and the Acquisitions Department of the Library. The donation was made in recognition of University Year.

THEFTS FROM LIBRARY

On the first 3 weekends of this month, the photocopying machines and money changing machines in the Library were broken into and money stolen. It is believed that the money stolen amounted to approximately \$200. In addition, the damage to the machines resulted in costly repairs and caused considerable inconvenience to library users.

Local Wollongong detectives have obtained fingerprints from the scene and have already apprehended one person for stealing on the campus. The University is also taking steps to tighten security at the Library.

SPORTS PAVILION IS A "FIRST" FOR THE ESTATE DIVISION

The first building contract to be completed since the establishment of the Estate Division is the Sports Pavilion. A contract was let to Fripp Developments Pty. Ltd. on October 8, 1974, for its construction. "Practical completion" was achieved on October 28 this year. The manufacturer's error in supplying the wrong type of electrical cable for the main electrical supply to the building has resulted in a delay in the connection of electric power; this should be completed by October 31.

The building will eventually stand on a bank halfway between the level of the University playing fields in front of the building to the east, and the level of the playing fields belonging to the Institute of Education which are behind it to the west. Funds are not presently available for the necessary earth-moving and reconstruction of the playing fields concerned; and, for the time being, the Pavilion remains in a stretch of undeveloped land between these two sets of playing fields. The principal point of entry to the building is on the western side on the upper floor, and for this reason a ramp constructed of blast furnace slag has been put in to provide access until such time as the earthworks can be completed.

Before the University occupies the building it has to be inspected by a representative of the Health Surveyor of the Wollongong City Council, and it is expected this will be carried out not later than Friday, November 7. The keys to the building will then be handed over to the Executive Secretary of the Wollongong University Sports Association.

With the completion of the building, it will be possible to demolish WUCRUC, the weatherboard building north of the workshops. The new pavilion provides changing, shower and toilet facilities for home and away teams of both men and women. There is also a first aid room, a separate referees' room and public toilet facilities on the ground floor. On the first floor, there is a large club room with adjacent servery facilities and it opens onto the full length balcony overlooking the University oval. The building provides the Sports Association with its first real home on campus.

On the ground floor, there is also storage space for sporting equipment and for the storage of equipment used by the Grounds' staff who will be engaged on the maintenance of the University's playing areas. The Sports Association, through its Executive Secretary, will have direct control of the staff engaged in the maintenance of the playing areas and will also have direct responsibility for control of the use of these fields.

OTHER MAJOR BUILDINGS APPROACH COMPLETION

The other major building projects authorised in the 1973-75 Triennium are all approaching completion. A progress report on each is set out below.

Library Stage II. The first floor of the new section of the building was accepted on October 1, and books and furniture were transferred from the first floor of the existing Stage I into this section. Similar arrangements are being made for the second floor and the transfer is expected to take place next week so that the University will have effective use of the whole of the top floor of the new section from November 10. Early in December, the University will take over the new section of the ground floor and, at that stage, access to the building will then be obtained through the new main entry foyer. Work will continue on the necessary modifications to the original Stage I to provide air-conditioning and suspended ceilings. The builder expects to complete all his work in the building before Christmas and the whole building should be functioning effectively, providing a much improved library service, for First Session 1976.

Science Building Stage II. Construction work on the second stage of the Science building is complete, but minor work has still to be finished by the electrical contractor and in fitting out, painting, and provision of furniture. This will be completed during November; and it is expected that the Departments of Chemistry and Physics will be installed in their new section before the end of November. With the removal of the builder from the site, it will then be possible to commence some landscaping within the Science courtyard and to start tidying up the area between the Science and A.C.S. buildings.

Union Building Stage III. Work continues on Stage III of the Union but, for a variety of reasons, it is unlikely to be completed until just before Christmas. Landscaping work, external to the building, in particular the tailoring of the area between the Union and the figtrees, will be carried out early in 1976.

Social Science Building. The finishing trades working in the Social Science building are now making good progress and we expect that the eastern wing will become available to the University before Christmas. This will enable furniture to be installed in the rooms, the floor coverings put down, and this work will continue through the remainder of the building during January so that transfers of personnel into the building are expected to take place during the month of February and it should be fully operational for First Session 1976.

Lecture Theatre Block. Similar progress is being made to the Lecture Theatre Block where the University will be given access to three of the five theatres before Christmas, and carpets and seating will be installed in these theatres. During January, the remaining two theatres will be handed over and work will continue with the air-conditioning plant and the general commissioning of facilities in the building. All services, including the audio-visual aids which are being provided for each of the theatres, are expected to be operational in First Session 1976.

When the Departments of Education, Economics, Accountancy, Psychology, Sociology, and Geography transfer to the new Social Science building, University staff will begin the task of refitting the places which have been vacated by these Departments to enable them to be used effectively by the incoming Departments.

The Department of Geology will obtain considerably enlarged areas in the north wing of the ACS building, while some expansion of staff studies for the Departments of Mathematics, History and English will be possible in the southern wing of the building. The Department of Biology will obtain space vacated by Geology in the Metallurgy building and will also take over portion of the ACS annex. The remainder of the ACS annex will be occupied by the Department of French, thereby vacating the space in the Engineering building for the Department of Civil Engineering. The new Department of Philosophy will be established in the space vacated by the Department of Accountancy in the Hut. The Department of Physics will resume use of the offices vacated by the Department of Education.

SECOND FESTIVAL CONCERT ON NOV. 8

The next concert of the 1975 Wollongong Festival of Music will be presented in the University of Wollongong Union Hall on Saturday, November 8, at 8.00 p.m.

Artists will be Robert Goode (harpsichord and piano), Helen Mandl (soprano), Anthea Scott-Mitchell (cello), and Howard Oberg (recorder) in a programme of music by Handel, Vivaldi, Veracini, Couperin, and Saint-Saëns, plus also some very attractive folk songs. Admission to this concert will be \$4 and a concession of \$2 for students, pensioners and children.



The admission ticket for this concert will also cover admission to a film on the Life and Work of Ludwig van Beethoven to be screened in the University of Wollongong Union Hall on Saturday, December 6. Further details and purchase of tickets can be arranged from Beatrice Henderson at the Information Office (ext. 375).

Please note that the third concert will be held in the Union Hall at 8 p.m. on November 15. The fourth concert will be held in the Town Hall at 8 p.m. on November 29.

SENATE DISCUSSES ACADEMIC APPOINTMENTS REPORT

The Academic Senate met on October 22 and 29 to consider the final report of the Ad Hoc Committee on Academic Appointments. The report, together with Senate's recommendations, will be forwarded to the Vice-Chancellor for transmission to the University Council.

MECHANICAL ENGINEERING PROFESSOR ASSUMES DUTIES

The University's inaugural Professor of Mechanical Engineering, Professor Sam Marshall, has assumed duties. Professor Marshall, 37, comes to Wollongong from the University of Sheffield where from March, 1968, he was a lecturer and later a senior lecturer in the Department of Control Engineering.

While at Sheffield, he undertook Control Engineering service teaching to the Department of Mechanical Engineering and was also fairly active as Vice-Chairman of the Automatic Control Group of the Institution of Mechanical Engineers, London.

In 1962, he obtained his first-class honours degree in Mechanical Engineering from University College, Swansea, and in 1968, his Doctor of Philosophy degree from the University of Cambridge.

During the period 1965-1968 he was employed in industry, first with John Brown Land Boilers at Clydebank and then with the Central Electricity Generating Board at London, where he applied the results of his research work to the control of boiler-turbine units.

Professor Marshall's research and professional interests are largely concerned with the application of control engineering to large-scale industrial processes such as boiler-turbine units, steel-rolling, electric-arc furnaces, and refrigeration and air-conditioning systems.

INAUGURAL PHILOSOPHY PROFESSOR TO UTILISE LOCAL MIGRANT CULTURE

The University's inaugural Professor of Philosophy, Professor Lauchlan Chipman, hopes to take advantage of Wollongong's wide variety of cultures and traditions in his courses. Professor Chipman, 35, said that he hoped to include a substantial amount of philosophy derived from non-British cultures.

He would do this partly because he believed that the contemporary division in academic philosophy into "Anglo-American" on the one hand and "Continental" on the other generated an unproductive rivalry, and partly because he believed strongly that students of non-British origin should have an opportunity of engaging directly with the ideas that shaped the culture of their ancestors.

He said: "With the introduction of a Department of Philosophy, the University will have a section dealing explicitly and directly with questions such as whether there is a God, the nature of the human person (and in particular the relation between the mind and the body), the objectivity or subjectivity of values in the moral and artistic sphere, and the bases of competing political philosophies."

Professor Chipman said he saw the immediate purposes of philosophy in the University as:

- 1) enabling students to uncover and critically examine assumptions implicit in the religious, moral and political doctrines which they have encountered in the home, the school, and society at large;
- 2) training students in rigorous thinking, to enable them to combat dogmatism and prejudice, in themselves and in others;
- 3) complementing the University's scientific work by examining fundamental questions which do not admit of scientific treatment, and adding to its literary work by investigating the truth or falsity---and not just the literary values---of the various ideas, doctrines, and world pictures which are part of our cultural heritage.

Professor Chipman graduated as a Bachelor of Arts (Hons.1) from the University of Melbourne in 1963. He obtained his Master of Arts (Hons.1) degree from the same university two years later. At the University of Oxford, he obtained a Bachelor of Philosophy degree (1967) and a Doctorate of Philosophy (1972). The following year, he obtained a Bachelor of Laws from the University of Melbourne. In 1964, he was a part-time tutor at the University of Melbourne and the next year a fulltime lecturer. In 1966-67 he was a part-time tutor at Somerville College, Oxford. From 1967, he was lecturer and senior lecturer in the Department of Philosophy at the University of Melbourne. Professor Chipman assumed duties on October 1. He is currently president of the Australasian Association of Philosophy.

STAFF CHANGES

APPOINTMENTS

CHIPMAN, Prof. J.L.C.,	1.10.1975,	Professor,	Philosophy.	Ext. 208
MARSHALL, Prof. S.A.	7.10.1975,	Professor,	Mechanical Engineering.	Ext. 228

RESIGNATIONS

CHURCHILL, Mrs. G.,	26.9.1975,	Stenographer,	Library.
HAMILTON, Miss J.A.,	23.9.1975,	Typist/Office Asst.,	Library.
SMITH, Mrs. A.,	21.10.1975,	Telephonist/Office Asst.,	Central Services.

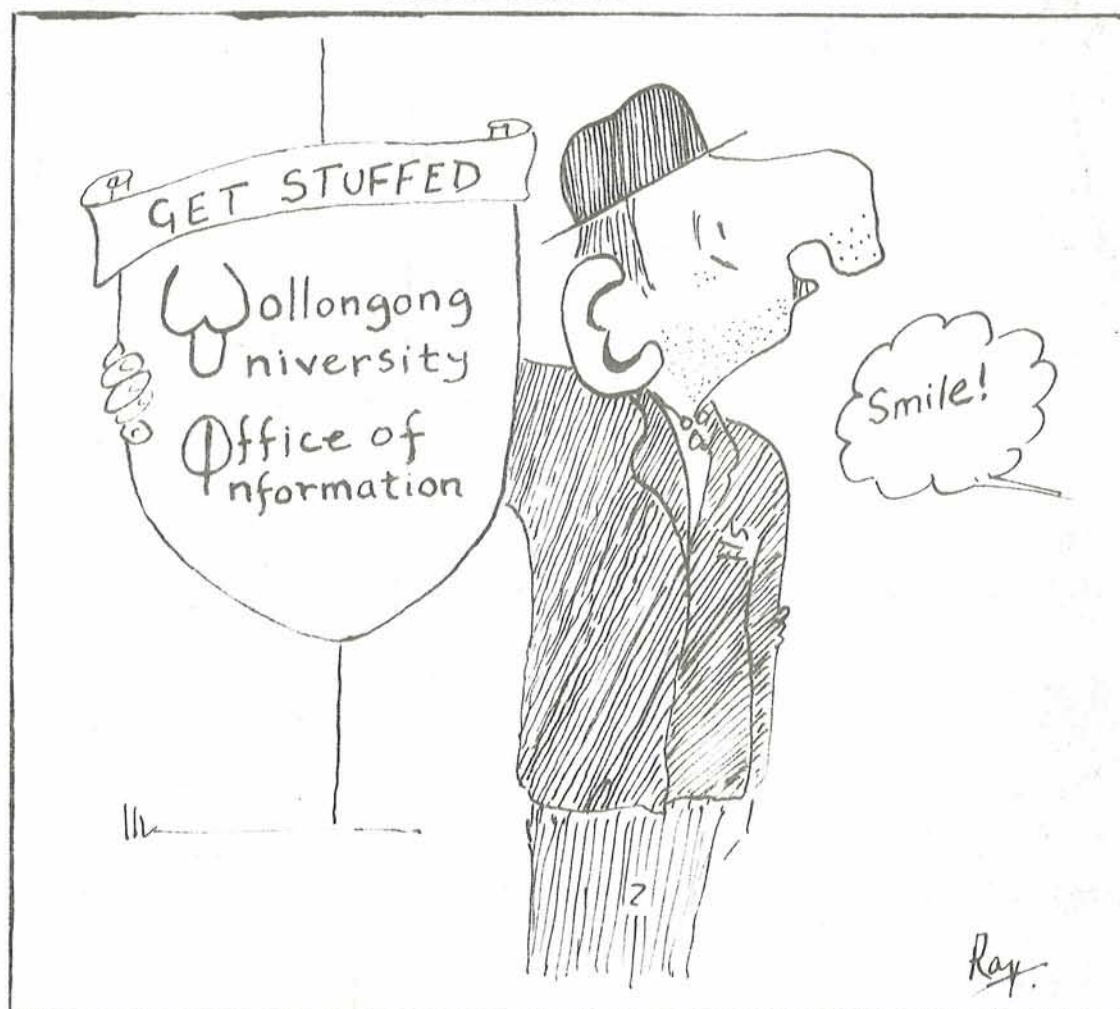
LECTURE BY PROFESSOR DOWNING

Some 140 people attended the last University Year lecture which was delivered by Professor R.I. Downing, Chairman of the Australian Broadcasting Commission, in the main lecture theatre on October 16.

As with earlier University Year Lectures the audience comprised members of the University and members of various interested groups.

Earlier lectures in the series were delivered by Sir Macfarlane Burnet, Judith Wright and Professor D.P. Derham, Vice-Chancellor of the University of Melbourne.

AUSSIE NORM



METALLURGY SEMINAR DISCUSSED ANNEALING

The Port Kembla Branch of the Australian Institute of Metals held a one-day seminar on the subject of "Annealing" at the Department of Metallurgy recently. This report by Dr. Bruce Dunne.

Two of the most useful and distinctive characteristics of metals are their response to mechanical working and their response to heat-treatment. The first allows metals to be formed into useful shapes by forging, rolling, drawing, extrusion and other working processes. The second allows a wide range of properties to be produced and accounts to a large degree for the versatility of metals as engineering materials. A particular heat-treatment process, annealing, can be used to restore the structure and properties which existed in a metal prior to mechanical working.

Annealing plays a very prominent role in the processing of metal sheet, strip, tube and wire; and in Port Kembla several millions of dollars are invested in plant and facilities to carry out annealing operations.

The seminar held recently was designed to examine current annealing processes and practices at Port Kembla, specific annealing problems, the advantages and feasibility of new annealing processes and theoretical aspects of the annealing process and its effect on metals.

One of the more important aspects of annealing is the technical and economic feasibility of new processes for the continuous annealing of drawing quality steel sheet. Although batch processing is widely used, continuous annealing offers an attractive alternative not only for technical reasons but also because of potential savings in labour, floor space and processing times.

More than sixty metallurgists attended the seminar and took advantage of the opportunity to discuss and exchange technical information in an area of common interest. Thirty-five persons stayed on in the evening, after the completion of the technical programme, to attend a dinner in the Union. A short after-dinner speech was given by Mr. D. Parry, Deputy Chancellor of the University Council, on the relationship between the University and the community. The dinner terminated a successful and fruitful seminar which involved members of the Institute of Metals, the University and the local technical community.

WORKING PARTIES SET UP FOR SHELLHARBOUR SURVEY

Working Groups had been set up within the Municipality of Shellharbour to investigate problems related to transport, facilities, employment, and education, according to Dr. Donald Pearson-Kirk, Lecturer, Department of Civil Engineering.

Dr. Pearson-Kirk, who is a member of two of the groups, said the groups consisted of members of the local community, assisted by specialist advisers and Shellharbour Council staff.

He said: "The Facilities Working Group, which has the task of identifying needs and establishing priorities for required services and facilities, is carrying out surveys to find out what residents

- (a) think of existing services and facilities, and
- (b) wish to see in new developments,

particularly in the proposed Shellharbour Town Centre, to be situated south of the Barrack Heights to Oak Flats section of Lake Entrance Road. The results of the surveys will be used to determine the magnitude of existing problems, deficiencies and demands."

He said the surveys were being carried out in conjunction with a University of Wollongong research project into "The Recreational Demand of an Urban Area". The results would be tabulated and analysed at the University by himself and Mr. P. Sharp of the University's Department of Civil Engineering. The data collected would be used to substantiate submissions to State and Federal Governments for improvement and/or provision of facilities and services.

EXAMINATION RESULTS, 1975

There will be a change in procedure for the release of examination result notices effective from Session 2, 1975.

Student copies of examination results will be available for collection by students at the Student Enquiries Office from 2 p.m. on Friday, December 19. It will be necessary to produce Student Identification cards before receiving results. In cases where students request an agent to collect their results, a letter of authority must be produced. Results not collected before Christmas will be posted to students' term addresses on Monday, January 5. Students who will not be at their term address during this period must make their own arrangements for mail to be sent on to them.

NOTICE TO POTENTIAL GRADUANDS, 1975

There appears to be some concern among students who hope to complete the requirements for the award of a degree in 1975 concerning the election to take the degree of either University of Wollongong or University of New South Wales.

A document issued on May 9, 1974, concerning Degree Arrangements in Transition stated: "Students are to elect to take either University of New South Wales degrees or University of Wollongong degrees at the time of their application for conferment of the degree."

Those students whose records show that they have completed the requirements for the degrees of both universities will receive application forms with their results. In accordance with the above statement, the election for the degree will be made at the time of submitting the application.

Those students whose records show that they have completed the requirements for the degree of one of the universities, but not of the other, will receive the appropriate application form with their results.

All application forms must be submitted to the Student Enquiries Office, University of Wollongong by Friday, January 30, 1976.

Students who intend to elect to take a degree of the University of New South Wales are reminded that graduation ceremonies will only be held at that University. Details of the dates of the Kensington ceremonies will be available from the Student Enquiries Office.

Students who elect to take a degree of the University of Wollongong will graduate at the University of Wollongong ceremony to be held probably in May or June. (The Council is to determine the date at its meeting on October 31, 1975.)

R.F. Stewart, Registrar.

RE-ENROLMENT 1976

All students enrolling other than for the first time should re-enrol by attending the University to complete re-enrolment, including the payment of fees, on the following days:

Monday, Feb. 23:	Arts (Surnames beginning A - O)
Tuesday, Feb. 24:	Arts (Surnames beginning P - Z)
	Science
Wednesday, Feb. 25:	Commerce
Thursday, Feb. 26:	Metallurgy/Engineering

Students should produce their 1975 Identification Card at the time of enrolling. Students who are unable to attend the University to complete re-enrolment on the days prescribed should apply in writing to the Registrar for approval to re-enrol at a later date. Enrolment must be completed during the prescribed enrolment period. Students who fail to comply with this requirement will incur a late fee of \$10. No student is considered to have completed his enrolment until all fees and charges have been paid.

DIPLOMA IN EDUCATION, 1976

Application forms for admission to the Diploma in Education course in 1976 are now available from the Student Enquiries Office.

The closing date for applications from students completing a degree at the University of Wollongong in 1975 is November 30, 1975.

STUDENTS' DESIGNS FACE JUDGES SOON

Preliminary judging in the 1975 Creative Design Competition will be held on November 4, 5 and 6 in the Lecture Theatre.

During the three days, thirty-one design projects, submitted by first-year engineering and applied science students, will be judged.

The judging panel each day will comprise representatives of: academic staff of the Departments of Civil, Electrical and Mechanical Engineering, postgraduate students; and the Engineering Society.

The competition constitutes forty percent of the course work of the second-session subject, Design 1.

The final judging will be held on Friday, December 5. The programme for the preliminary judging is set out below:

Time	Tuesday, Nov. 4	Wednesday, Nov. 5.	Thursday Nov. 6.
9.30 - 9.45	Safety Pool Cover	Improved Collapsible Music Stand	Solar Home Heating Device
9.45 - 10.00	ABT Warning Device	Improved Collapsible Bicycle	Electronic Locking System
10.00 - 10.15	Revolving Windows	Technical Drawing Aid	Brake Light Failure Warning System
10.15 - 10.30	Pram Braking System	Non-Leak Tap	Electronic Ignition System
10.30 - 11.00	Morning Tea	Morning Tea	Morning Tea
11.00 - 11.15	Coconut Skin Peeler	Rotary Steam Engine	Electrically-Operated Knife
11.15 - 11.30	Portable Oven and Barbecue Rotisserie	An Automatic Timer	Petrol Vapour Alert
11.30 - 11.45	Device for Prevention of Wheel Spin	Improved Braking System for Motor Bikes	Accommodation for Babies in Cars
11.45 - 12.00	Rapid Windscreen De-Icer	Improved Shopping Trolley	Boat Handling Device
12.00 - 12.15	Portable Car Heater	Use of Solar Cells to Recharge Batteries	Improved Ice-Cream Server
12.15 - 12.30	Universal Warning System		

T.E.A.S. CAMPUS SERVICE AVAILABLE AT WOLLONGONG

The Australian Department of Education has announced details of a move towards providing a decentralised service in N.S.W. for administering the Tertiary Education Assistance Scheme (TEAS).

By arrangement with the Universities of Wollongong, New England, and Newcastle, Department of Education officers have been stationed on campus at each university. From mid-October, the officers have been giving on-the-spot assistance to students wishing to apply for benefits under TEAS. They are also answering enquiries about the Scheme from students, parents and other members of the public.

The scheme is intended to assist Australian students during the course of their tertiary studies. In general, assistance is available: for fulltime study only in approved courses; subject to a means test; on a non-competitive basis; without age restrictions; subject to certain conditions of eligibility, including satisfactory progress in an approved course.

Students may apply for living allowance either as: (i) an ordinary student - the means test is applied to parental income; or (ii) an independent student - the means test is applied to the student's own income.

Students may be granted independent status where they: (a) have reached 25 years of age in the year in which the allowance is payable; (b) are orphans; (c) are wards or ex-wards of the State; (d) are married or have been living in a bona fide de facto relationship continuously for at least two years; (e) have maintained themselves for at least two of the previous five years, without assistance from parents and others. Students do not have to live away from home before seeking Independent status.

All students in the Wollongong area intending to study at tertiary education institutions in 1976 are asked to submit applications to Mr. Martin O'Neill, Room G18B, Administration Building, University of Wollongong (29 7311, ext. 354).

H.S.C. candidates and their parents are welcome to discuss various aspects of the Scheme during business hours. Application forms are available from Mr. O'Neill.

T.E.A.S. CHEQUES

The University has been advised that the next T.E.A.S. cheques will be sent out on November 6. They will cover one month's payment of living allowance only.

These will be the last cheques that students will receive until such time as the matter of "supply" has been settled by Federal Parliament.

The next payment, whenever it is made, will be sent to the addresses where students presently receive their cheques. Should students be absent from these addresses during the vacation, they must make their own arrangements to have the cheque sent on to them. Further information is available from Mr. Martin O'Neill, in Room G18B, Administration Building.

NOTES FROM THE S.R.C.

- . A committee for Orientation '76 has been constituted and comprises: Des Jamieson, Rob Pedersen, Murray Blackett, Cheryl Brown, Tony Nutt, Liz Keenan and Kerrie Oldfield.
- . A total of \$540 has been donated to the Crippled Children's Fund from monies raised from the Commem Week issue of Tertangala and the auction held during Commem Week.
- . Letters will be sent to the Academic Senate and the Librarian asking them to take into account the recent disturbances in the Library when assessing work, especially work which relies heavily on books from Closed Reserve.
- . The Library Committee will be requested to institute a system of Library fines for staff members and postgraduate students.

NOTES FROM THE S.R.C. (CONT.)

- . The Academic Senate will be asked to form a committee to investigate anomalies developed by the present credit-point system.
- . The Estate Manager and the Bursar will be requested to initiate a bicycle rental scheme for hire to University of Wollongong students.
- . John Hagger has been appointed S.R.C. honorary treasurer; Greg Butler has been appointed Engineering Representative on the S.R.C.; and Stephen Parker has been appointed a General Representative on the S.R.C.

NEWS FROM THE UNION

UNION BOARD 1975-76

The Union Board of Management was reconstituted on October 21 as follows:

Mr. David Lear	elected Chairman
(appointed a Board member by the University Council)	
Mr. Tony Nutt	elected Deputy Chairman
(elected a Board member in 1974 for two years)	
Mr. Ian L. Dunn	Secretary/Manager (ex-officio)
Mr. Julian Chapman)	elected by members in
Mr. Greg Butler)	1974 for two years
Dr. Brian Opie	elected by life members in
	1974 for two years.
Mr. John Hagger)	elected by members in
Mr. Edmund Esterbauer)	1975 for two years.
Mr. Arnold McLean)	
Dr. Tony Wright	elected by life members
	in 1975 for two years.
Professor J.B. Ryan)	appointed by University
Mr. Edgar Beale)	Council for one year.
Mr. Max Lowrey)	

SPORTS ASSOCIATION ANNUAL DINNER DANCE

More than 250 people, comprising members of University sports clubs and their guests, attended the Fourth Annual Dinner Dance of the Sports Association in the Union hall on October 17. The 1975 Awards were presented as follows: CLUB AWARD - Basketball Club; CLUBMAN AWARD - Alan Wolfe (Aust. Rules Football Club); SPORTSMAN AWARD - Ken Johnson (Hockey Club).

HOUSE AND ACTIVITIES COMMITTEES

There are vacancies on the above Committees for a total of five members of the Union (two for the ACTIVITIES Committee and three for the HOUSE Committee).

The Board invites applications from interested members of the Union who would like to offer their services to one or other of these Committees. Applications should be made in writing to the Secretary/Manager as soon as possible, including sufficient personal details and areas of interest to assist the Board in making appointments. The closing date for such applications is Friday, November 14, 1975.

Ian L. Dunn, Secretary/Manager.

RECENT VISITORS TO THE DEPARTMENT OF MATHEMATICS

AUG. 5: Dr. G.P. Monro, from the Department of Pure Mathematics, University of Sydney, who spoke on "The course 'History of Mathematical Ideas' given at Sydney University".

SEPT. 2: Dr. W.B. Frazer, from the Department of Applied Mathematics, University of Sydney, who spoke on "Elastic Wave Guides".

SEPT. 9: Dr. J. Clark, Senior Consultant at Control Data Corporation, who spoke on "Computerized indexes, binatural numbers and a practical algorithm to retrieve information coded in alphanumeric".

SEPT. 16: Dr. R.K. Meyer, from the Philosophy Department, Research School of Social Sciences, at the Australian National University, who spoke on "Relevant Arithmetic".

SEPT. 23: Prof. R. Robinson, from the Mathematics Department, University of Newcastle, who spoke on "Searching a random tree".

OCT. 21: Dr. I.J. McGee, from the Department of Applied Mathematics, University of Waterloo, Canada, who spoke on "An approach to teaching mathematical modelling to undergraduates".

CHILDREN'S CHRISTMAS PARTY RAFFLE

The raffle to raise funds for the Children's Christmas Party was drawn on October 17. The results were as follows:

1st prize (turkey)	Chris Mann
2nd prize (6 cans of beer)	Janine Gilroy
3rd prize (chicken)	Jan Southern

The Organising Committee would like to thank everyone for their support. Another raffle will be held in the near future.

The Children's Christmas Party will be held on December 13. If you wish to register children for the party, see Joy Young (Admin.) or Fran Davey (Chemistry). Cost: \$2.50 per child.

Inserted by the Organising Committee.

SQUASH CLUB NEEDS COMPETITION PLAYERS

Now that the University has its own squash courts, it will be possible for the Squash Club to field teams in the Illawarra District Competition.

However, the next competition begins in mid-February next year, which is before University begins. Players will have to be graded and teams submitted by the end of January at the latest. This presents organisational problems for the Club in that students are hard to contact over the Christmas-New Year break. The Club wishes to enter as many teams as possible in its first competition, and so is beginning preparations now.

Any players interested (whether you have played comp. before or not), please send your name, address and standard (where applicable), as soon as possible, to: Steve Wilkinson, 4/7 Kembla St, Mt. Keira, 2500, or drop particulars in at the Union Office. The Club will then contact you with regard to the competition.

TABLE TENNIS BEGINS ON NOV. 10

The summer table tennis competition begins on November 10. The University Club this year has two teams in Division 1, one in Division 2, one in Division 3, and one in Division 4. Extra players are needed for the Division 3 and 4 teams. Please contact Dr. Martin Bunder (Maths Dept.) or Mr. Martin Pronk (Student Services).

SYMPOSIA AND CONFERENCES

WATER SAFETY SEMINAR

A one-day seminar to discuss aspects of water safety with specific reference to Scuba and snorkel diving, small craft boating and work on the rock platform will be held at the University of Sydney on November 4 next. No fees are payable by people wishing to participate. Further information is available from the Information Office, exts. 375 and 388.

UNIVERSITY SYMPOSIUM ON NOISE

Noise---its effect on the individual and the community, and the implications of recent State legislation to control it---will be the topic of a day-long symposium at the University of New South Wales on November 6. The State Minister for Planning and Environment, Sir John Fuller, will open the meeting at 9 a.m. in the University's Science Theatre.

CULTURAL STUDIES CONFERENCE

Goulburn College of Advanced Education will be sponsoring an intensive cultural programme involving the cultures of Iran, Spain, Egypt, Turkey and Pakistan from December 6 to 13. The programme has the full support of the five Governments concerned, and is partly financed by them. Accredited representatives and guest speakers will include the Ambassadors. The conference theme is: "The Changeless and the Changing in Islamic-Arabic-Hispanic Cultures". A variety of approaches will be experienced through a sampling of: History, Religion, Politics, Music, Art, and Food. Further information and application forms from: Mr. L. Maroya, Conference Secretary, Goulburn College of Advanced Education, Goulburn, N.S.W. 2580.

REEF BIOGENESIS SYMPOSIUM

The Australian Institute of Marine Science plans to expand its research efforts in 1975/76 into coral reef biogenesis. To identify the critical areas of research, AIMS will host a Reef Biogenesis Symposium in Townsville, on December 15 and 16, at which review papers will be presented. The venue is: Biological Sciences Building, James Cook University of North Queensland, Townsville, Qld. Registration forms and further information from: The Registration Secretary, Reef Biogenesis Symposium, Australian Institute of Marine Science, P.O. Box 1104, Townsville, Qld. 4810.

TENTH ANNUAL GRADUATE CONFERENCE

The Tenth Annual Meeting of the Australian University Graduate Conference will be held at The Flinders University of South Australia from the evening of January 23 to midday, January 26 next year. Further details can be obtained from: Mr. A.J. Mason, Executive Secretary, A.U.G.C., C/o Registrar, University of Sydney, N.S.W. 2006.

8TH INTERNATIONAL CYBERNETICS CONGRESS

The International Cybernetics Association will be holding the 8th International Cybernetics Congress in Namur (Belgium) from 6 to 11 September, 1976. The Congress programme will comprise: a formal opening session; plenary sessions during which lectures (followed by discussion) will be delivered on general topics relating to cybernetics; a symposium on the application of cybernetic and general system theoretic concepts to the simulation of large scale systems; and a plenary closing session. Further information on both the Congress and the Association is available from the Information Office.

SHIP TIME 1976

The Technical Committee on Oceanography of the Department of Minerals and Energy will be meeting soon to consider the allocation of ship time available in Australian waters in 1976 to the various universities and other groups with marine science interests.

Anyone wishing to apply for time should contact the Secretary, Technical Committee on Oceanography, Bureau of Mineral Resources, Geology & Geophysics, Department of Minerals and Energy, P.O. Box 378, Canberra City, A.C.T. 2601.

\$1000 PLAYWRITING COMPETITION

The Alexander Theatre, Monash University, is offering a \$1000 prize for an original Australian play. In addition to the \$1000 prize, the winning entrant is guaranteed a professional production of the play for a season of at least one week. Current professional royalties will be paid for the performance. The winning playwright will be consulted in the engagement of the director and cast for the performance.

The competition is open to professional or amateur writers who were either born in Australia or have lived here for at least six months.

The Alexander Theatre believes that the public performance of the prize-winning entry - and, possibly, of other plays submitted - will provide welcome encouragement to Australian writers.

Competition rules stipulate that the plays should involve a cast of no more than seven actors and be capable of production with one basic set.

Entries close on February 16, 1976. The winner will be announced on April 17. Inquiries should be addressed to: The Convener, Playwriting Competition, Room 107, Arts Building, Monash University, Clayton, 3168 (telephone 541 0811, ext. 2100).

NEWS FROM OTHER UNIVERSITIES

ACTING VICE-CHANCELLOR APPOINTED

Professor W.A.G. Scott has been appointed Acting Vice-Chancellor of Monash University, to hold office for 12 months from February 1, 1976.

The University Council decided on Monday, October 13, to invite Professor Scott to take up the acting appointment, following the withdrawal of Professor John Vaizey, of Brunel University, England, who had been appointed Vice-Chancellor in August.

Professor Scott, 59, has been a Pro-Vice-Chancellor of Monash since July 17, 1972. He will take over from the University's founding vice-chancellor, Dr. J.A.L. Matheson, who will retire on January 31, 1976, after 16 years' service to the University.

LEADING BIOCHEMIST TO BE MACQUARIE VICE-CHANCELLOR

A distinguished biochemist has been appointed Vice-Chancellor of Macquarie University. He is Emeritus Professor Edwin C. Webb, at present Deputy Vice-Chancellor (Academic) of the University of Queensland, who will take up his new position on February 1, 1976, following the retirement of Macquarie University's first Vice-Chancellor, Emeritus Professor A.G. Mitchell. As well as having had a notable career as a scientist, Professor Webb has had considerable experience as an administrator.

Born in England in 1921, he became an open scholar of Clare College, Cambridge, and graduated with first-class honours in 1942, later receiving the degrees of Master of Arts and Doctor of Philosophy from Cambridge University. He continued his academic career at Cambridge, and was Director of Studies in Biochemistry for St. Catherine's College, Cambridge, when he was appointed Professor of Biochemistry and Head of the Department of Biochemistry at the University of Queensland in 1962. He became president of the Professorial Board in 1969 and Deputy Vice-Chancellor (Academic) when that post was created in 1970.

PERSONAL CHAIR IN GEOLOGY

Associate Professor R.L. Stanton, of the University of New England's Geology Department, has accepted appointment to a Personal Chair. Dr. Stanton's promotion to Professor is effective from October 13, 1975.

NOTICES

MILTON FRIEDMAN IN AUSTRALIA 1975

This is an 80-page paperback publication containing the full proceedings of two major meetings addressed by Professor Friedman in April this year. The addresses were entitled "Inflation and the Management of Western Economies" and "Can Inflation be cured ...before it ends Free Society?".

Copies at \$2.35 each can be obtained from The Secretary, Graduate Business School Club, P.O. Box 89, Kensington, N.S.W. 2033.

AQUARIUM RESEARCH INSTITUTE SEEKS MEMBERS

The Marine Aquarium Research Institute of Australia, Wollongong Branch, has written to the Information Office seeking members. The Wollongong Branch publicity officer, Mr. Len Chinnery says: "Basically, we are groups of marine life enthusiasts with a particular leaning towards the successful keeping of saltwater fish under aquarium conditions." Students and staff who are interested in skindiving and underwater activities can contact Mr. Chinnery by writing to 21 Windang Road, Primbee South, 2504.

TELEPHONE CHANGES - STAFF OFFICE

Ross DILL (Industrial)	Ext. 358
John TUBMAN (Services)	Ext. 359

FREE LUNCH-TIME CONCERT

A free lunch-time concert will be given by the A.B.C. Training Orchestra, conducted by Robert Miller, in the Music Auditorium, Wollongong Institute of Education, on Monday, November 3, at 12.55 p.m. The programme is as follows: BACH, Brandenburg Concerto No.3; HAYDN, Symphony No.88; BOCCHERINI, Cello Concerto in B flat, 1st movement. Soloist: Peter West; GRETRY/MOTTL, Cephale et Procris (Ballet Suite); NICOLAI, Merry Wives of Windsor Overture. All Welcome.

UNION CATERING OPENING HOURS - SUMMER VACATION

1. Nov. 3 to Nov. 7.

Coffee Bar:	10 am to 4 pm
Hot Takeaways (Chips, Pies, Sausage Rolls, Hot Dogs):	12 pm to 1 pm

2. Nov. 10 to Nov. 28.

Coffee Bar and Cafeteria:	10 am to 4 pm
Hot Takeaways (Chips, Fish Pieces, Pies, Sausage Rolls, Hot Dogs):	11.30 am to 1.30 pm

3. Dec. 1 to Jan. 30.

Coffee Bar:	10 am to 2 pm
-------------	---------------

NOTE: It would assist if orders for lunches were telephoned to the Union Office (Extension 309) before 11 am each day during the above recess period.

(G. Stuart-Street, House & Catering Manager.)

SCHOLARSHIPS, FELLOWSHIPS, AWARDS

Unless otherwise indicated, further information on the following awards is available from Mr. P. Wood, Student Services, ext. 363.

<u>Name of Award</u>	<u>Eligibility</u>	<u>Closing Date</u>
Istituto Italiano di Cultura, Melbourne. Scholarships at the Graduate School in Mathematics, Physics, Astrophysics, Chemistry & Biology of the Scuola Normale Superiore, Pisa, Italy, 1976/77.	Applicants to the Graduate School must have a Master's degree or an equivalent qualification in Maths, in Physics, in Astrophysics, in Chemistry, in Biology or a Medical degree from an accredited University or from a College or Institution of equivalent standing.	March 31, 1976.
French Government, Professional and Technical Scholarships.	Applicants must (1) undertake a French language test prior to departure. Candidates may also be required to undertake a preliminary intensive language refresher course in France; (2) be at least 25 years of age; (3) possess appropriate academic or professional qualifications; (4) have practised a profession for at least 2 years.	December 12, 1975.
French Government Scholarships for Postgraduate Studies, 1976-77.	Applicants must have graduated from or be at least at the time of application in the final year of courses at universities or other tertiary institutions, must propose a definite plan of study and preference will be given to applicants under 30 years of age.	December 12, 1975.
Iranian Government Scholarships.	Students wishing to study Persian language and literature in Iran. Further information from The Imperial Embassy of Iran, City Mutual Building, Hobart Place, Canberra City, A.C.T. 2601.	-
Commonwealth Scholarship and Fellowship Plan - New Zealand Awards, 1977.	Normally candidates must be residents of a C'wealth country and hold a uni. degree or equivalent qualification. Candidates should be under 35, but preference is given to candidates between 22 and 28 yrs of age. In special circumstances, applications may be accepted from candidates over 35.	-
Alexander von Humboldt-Foundation, Research Fellowships in Germany.	Postgraduates in science and the humanities on postdoctoral level who have been engaged in research or teaching at uni. level and have contributed to scientific publications.	-
Aust. Social Welfare Commission, Student Fellowships in Social Policy/Social Administration.	The Student Fellowships are intended to encourage policy development experience for postgraduate students in social policy/social administration. Further information from The Secretary, Social Welfare Commission, P.O. Box 732, Queanbeyan, NSW, 2620.	November 28, 1975.
Aust. Institute of Nuclear Science and Engineering (AINSE) Post-graduate Studentships - 1976.	Applicants must have an honours degree in Engineering or Science.	November 15, 1975.

COMMONWEALTH UNIVERSITY INTERCHANGE SCHEME

Travel grants for the promotion of interchange between universities in different parts of the Commonwealth are available in 3 categories:

- Category A University Teachers or Officers on recognised study leave.
Category B Distinguished University Scholars invited by universities for short visits. Normally, visits by persons of distinction actively engaged in academic work.
Category C Postgraduate University Research Workers holding research grants.

Closing date for Category A and B applications is December 15, 1975. Closing date for Category C applications is March 31, 1976. Information on Conditions of Award and Application Forms may be obtained from the Staff Office.

BOOKLETS TELL ALL

Booklets available for perusal in the Student Services Section include:

- . Awards for Commonwealth University Staff
- . Awards for Postgraduate Study in Australia
- . Grants for University Research in Australia
- . Awards for Postgraduate Study Overseas
- . Schedule of Postgraduate Courses in United Kingdom
- . Scholarship Guide for Commonwealth Postgraduate Students.

Contact Mr. P. Wood or Mrs. P. Mirabito for information (ext. 363).

U.S. BICENTENNIAL FELLOWSHIPS

The Australian Government is offering a number of non-academic fellowships to eligible Australians to visit the United States during 1976. Eligibility: Applicants must be Australian citizens resident in Australia who have achieved distinction or have shown potential in their chosen field of endeavour. Academic qualifications are not essential. Terms and Conditions: Awards tenable for a minimum of six and a maximum of ten weeks; return airfares; an all purpose daily allowance of \$45; approved internal travel. Applications: Further information and application forms may be obtained from the office of the Australian Government Public Service Inspector, Sydney. The closing date for applications is November 7, 1975.

UNIVERSITY CLIMATOLOGICAL STATION - SEPTEMBER 1975 SUMMARY

RAINFALL

	<u>For Sept. 1975</u>	<u>70 yr. average to 1953</u>
Monthly - total (mm)	58.0	68.0
No. of rainy days	10	-
Total since January 1	1515.0	894.4
Total no. of rainy days since January 1	90	-

TEMPERATURE

	<u>For Sept. 1975</u>	<u>30 yr. average to 1953</u>
Av. daily maximum ($^{\circ}\text{C}$)	20.0	20.2
Av. daily minimum	11.4	10.4
Av. daily mean	15.7	15.3

ACADEMIC STAFF INVITED TO SCHOOLS LIAISON SEMINAR

Members of the academic staff are reminded that a seminar will be held on November 20 to discuss "Academic Staff Involvement in Schools Liaison". All are invited to attend. The seminar will be held between 9.30 a.m. and 12.30 p.m. in the MAIN LECTURE THEATRE, not the Physics Lecture Theatre as previously advertised. The Vice-Chancellor will give the opening address.

ADVERTISEMENTS

WANTED

Good homes for the University Cat's kittens, born on October 9 in University Year. Phone English Department, ext. 236.

WANTED TO RENT

Academic's family needs a house for the month of January. If you will be on holidays then, and live reasonably close to the University, we would be very glad of your house. You would be assured of good tenants who would care for your home, beloved garden, and beloved pets (if need be) in the manner to which you're accustomed. Please ring 96-1698.

FOR SALE

Cow Manure 50c for large fertiliser bag. Proceeds will aid Boy Scouts. Please contact Ken Kimber, Estate Division, ext. 286, will deliver to University free.

DIARY OF EVENTS

Study Recess: November 3 to November 9.

- | | | |
|-----------------|----|--|
| <u>NOVEMBER</u> | 2 | Session 2 ends. |
| | 5 | Dept. of Civil Engineering Seminar. Mr. M. Kerr, "Box-Girder Cable Stayed Bridges - Approximate Analysis", 3.30 pm, Room E120. Engineering Building. |
| | 8 | University Year Music Festival. Concert: Robert Goode (harpsichord and piano), Helen Mandl (soprano), Anthea Scott-Mitchell (cello), Howard Oberg (recorder), University Union Hall, 8 pm. |
| | 10 | Examinations begin. |
| | | Warsaw Philharmonic Chamber Orchestra. Wollongong Musica Viva Society Concert, 8 pm, Town Hall. |
| | 12 | Academic Senate, 9.30 am, Council Room. |
| | | Dept. of Civil Engineering Seminar. Mr. I. Kirby (Topic to be announced), 3.30 pm, Room E120, Engineering Building. |
| | 15 | University Year Music Festival. Concert: Andrew Malec (oboe), Renata Malec (piano), Gregory Pikler (classical guitar), Marie Driscoll Vocal Quartet. University Union Hall, 8 pm. |
| | 19 | Dept. of Civil Engineering Seminar. Mr. B. Frier, "Recreational Demand in an Urban Area", 3.30pm, Room E120, Engineering Building. |
| | 20 | Seminar "Academic Staff Involvement in Schools Liaison", 9.30 am to 12.30 pm. Main Lecture Theatre. |
| | 29 | University Year Music Festival. Concert: Gabor Reeves (clarinet), Marie Driscoll (soprano), Nan Price (piano). Town Hall, 8 p.m. |
| <u>DECEMBER</u> | 6 | University Year Music Festival: Film on the Life and Work of Ludwig van Beethoven, University Union Hall, 8 p.m. |
| | 13 | Children's Christmas Party. |
| | 17 | Academic Senate, 9.30 am, Council Room. |
| | 19 | University Council, 2pm, Council Room. |

