



University Year 1975

The University of Wollongong CAMPUS NEWS

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APRIL 28, 1975

MINISTER FOR EDUCATION TO ADDRESS UNIVERSITY SYMPOSIUM

The Federal Minister for Education, Mr. Kim Beazley, will address a symposium entitled, "The School and the University of Wollongong between Now and 1990", at the University on April 29.

The symposium has been organised by the University's Schools Liaison Committee for principals, school counsellors, and careers advisers in the South Coast area.

As the first symposium of its type to be held at the University, it will bring schools and University personnel together to discuss their interrelationships.

The period to 1990 has been chosen because the University is basing much of its planning on this period.

The Vice-Chancellor, Professor L. Michael Birt, said: "There is today a general interest in developing the entire educational programme as a continuum, extending from primary to tertiary education.

"An essential element in such development is the opportunity for those contributing at different levels of education to meet together for joint discussion of objectives, methods and coordination of activities.

"The symposium will provide just such an opportunity --- and we hope it will not be the last of these gatherings."

About 90 people are expected to participate in the day-long symposium which will begin at 9 a.m. with registration. Between 9.30 a.m. and 10.45 a.m., participants will be involved in general discussion which will be preceded by three speakers: Professor Birt; Mr. B. Gillet, Area Director of Education; and Professor J.B. Ryan, Chairman, Department of Accountancy, and Deputy Chairman of the Academic Senate.

At 11.15 a.m., participants will split into groups for discussions on selected topics relating to school and university. A senior member of the University's academic staff will act as discussion leader in each group. Group discussions will continue until lunch.

Mr. Beazley will deliver his address in the Physics Lecture Theatre at 2 p.m. Questions and discussion will follow. The plenary session will be held between 3.45 p.m. and 5.15 p.m.

APPOINTMENT OF DEPUTY VICE-CHANCELLOR

The University Council has approved the appointment of Professor A. Keane as part-time Deputy Vice-Chancellor from Monday April 21 for a term ending on December 31, 1977.

Professor Keane, who has been Professor of Mathematics since October 1, 1964, will deputise in the Vice-Chancellor's absence and will assist the Vice-Chancellor generally in the discharge of his duties.

He is currently chairman of the Department of Mathematics and recently was elected to the new Academic Senate which will meet for the first time in May.

A graduate of Sydney and New South Wales, he commenced employment in 1949 as Lecturer in Mathematics with 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 Department 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 18 M.Sc. and nine Ph.D. graduates. Of these, he supervised all but one of the Ph.D. candidates and over half of the M.Sc. candidates.

Four of his early Ph.D. candidates have reached Professorial or Associate Professorial rank and include the Professor of Mathematics at the University of Papua New Guinea and Associate Professors at Sydney and Newcastle.

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.

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.

TRIBUTE TO FIRST ACADEMIC SENATE

The Vice-Chancellor, Professor L. Michael Birt, has paid tribute to the members of the first Academic Senate of the University of Wollongong.

At the Academic Senate's April 16 meeting, which was scheduled as its last, Professor Birt said: "On behalf of the University, I wish to thank all members of this first Senate for the work they have done not only as members of the first Senate but also as members of the Interim Academic Senate.

"I believe you have had to cope with a range and complexity of problems which I don't think will be repeated in the life of a Senate.

"You not only had to deal with routine matters but also had to play a leading role in advising Council in the setting up of an academic structure and in establishing a whole new series of working procedures for its various elements.

"We are all in your debt and, on behalf of the University, I thank you all most sincerely."

The Vice-Chancellor paid particular tribute to Professors B.H. Smith and J.B. Ryan who, he said, had chaired long and complex Senate meetings.

Professor Birt said: "Chairmen always have a difficult task, but Professors Smith and Ryan had a particularly difficult task because of the size of Senate's task.

"They have made an outstanding contribution to the Senate and through the Senate to the University".

The present Academic Senate, which will be replaced by the new Academic Senate in May, met for the first time as the Interim Academic Senate on December 19, 1973. The original members were: Professor B.H. Smith (chairman); Dr. L.M. Birt (Vice-Chancellor designate; now Professor Birt and Vice-Chancellor); Professor K.A. Blakey; Professor G. Brinson; Dr. W.H. Charlton (now an Associate Professor); Dr. D.J. Clarke (now an Associate Professor); Professor A.M. Clarke; Professor R. Duncan; Dr. J. Ellis; Associate Professor J.S. Hagan; Ms. J. Irving; Professor A. Keane; Dr. N. Kennon (now an Associate Professor); Mr. C. Nightingale; Professor J.B. Ryan; Mr. J.C. Steinke; Mr. R.F. Stewart; and Mr. B.C. Moldrich (Secretary).

Members who resigned were: Dr. J. Ellis, Professor R. Duncan, Professor A. Keane and Mr. C. Nightingale. New members were: Professor A.C. Cook, Dr. B.J. Opie, Mr. J.R. Panter, and Professor M.G.A. Wilson.

SCHEDULE FOR UNIVERSITY'S SUBMISSION TO THE UNIVERSITIES COMMISSION FOR THE 1979-81 TRIENNIUM

The Vice-Chancellor last month reported to the Academic Senate on the schedule covering the preparation of the University's submission to the U.C. for the 1979-81 Triennium. The submission has two main elements: new developments, and maintenance (and growth) of existing activities. Both of these are reflected in the structure of the schedule.

The Vice-Chancellor has asked the Registrar to supervise the organisation and physical production of the submission. The Vice-Chancellor expects the proposals for academic development in the submission to come primarily from the Departments, with the Faculties commenting on the co-ordination of the proposals of member Departments. On the basis of this information, the Senate will draft a statement of the academic elements of the submission. This will be incorporated with material from Administrative Divisions, Library, S.R.C., Sports Association, Union and International House. The complete draft will be given to the Council for approval and transmission to the U.C.

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| MARCH | 12 | . Schedule to Senate. |
| | 18 | . Schedule to Departmental Chairmen, Heads of Administrative Divisions, Librarian, President of S.R.C., Secretary of Sports Association, Secretary-Manager of Union, Warden of International House, with requests for: |
| | | 1. Information about PROPOSED NEW DEVELOPMENTS for 1979-81 including: |
| | | 1.1 the nature of the new development; |
| | | 1.2 the development's relevance to the Wollongong region; |
| | | 1.3 the resources required; |
| | | 1.4 the projected student and staff numbers; |
| | | 1.5 any other relevant information. |

MARCH 18 (Cont'd)

2. The appointment of a submission co-ordinator in each Department and other units to organize Departmental etc., submissions and liaise with the Registrar.
3. Departments to submit all information to FACULTY MEETINGS IN AUGUST thence to SENATE IN SEPTEMBER 1975.
4. Administrative Divisions, Library, Sports Association, S.R.C., Union and International House material to be forwarded by August 15th to the Registrar.

APRIL 30 . Registrar prepares student/staff estimates for 1976-84 for Senate. (Registrar will circulate projections to 1984 to Departments for discussion and comment before reporting to Senate.)

MAY 14 . Student/staff estimates for 1976-84 to Senate.

JUNE 1 . Student/staff estimates forwarded to Departments and other units with requests for:

5. Information about the maintenance of EXISTING ACTIVITIES, e.g.

- 5.1 recurrent expenditure;
- 5.2 resources and equipment;
- 5.3 special requirements for academic staff;
- 5.4 support staff requirements;
- 5.5 any other relevant information.

6. Departments to submit all information to FACULTY MEETINGS IN AUGUST and thence to SENATE IN SEPTEMBER 1975.

7. Administrative Divisions, International House, Library, Sports Association, S.R.C., and Union material to be forwarded by August 15 to the Registrar.

JULY/AUGUST . Submissions of NEW developments and EXISTING activities from Departments to Faculties (Times depending on Faculty meetings.)

AUGUST 15 . Administrative Divisions, International House, Library, Sports Association, S.R.C. and Union submissions to Registrar.

18 . Department and Faculty submissions and comments to Senate Agenda Committee.

SEPTEMBER 10 . Submission of NEW and EXISTING academic developments presented to Senate for consideration and comment. On the basis of this information the Registrar to prepare a draft submission with supporting documentation.

11 . Bursar and Estate Divisions to prepare the finance and building figures and plans required to support Administrative Divisions, Departments, International House, Library, Sports Association, S.R.C. and Union proposals.

SEPTEMBER/OCTOBER . Publication of U.C. 6th Report and Australian Government decisions: Registrar prepares commentary on the submission in the light of the U.C. decisions.

OCTOBER 20 . Draft submission and U.C. commentary (complete with supporting finance and buildings document) to Senate Agenda Committee.

- NOVEMBER 12 . Senate reviews draft submission.
- DECEMBER 19 . Draft submission to Council for consideration, comment and any necessary amendments. As amended, it is titled the revised submission.

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- JANUARY/
FEBRUARY . Formal questionnaires received from U.C. and filled in by the Registrar on basis of information in revised submission provided by Administrative Divisions, Departments, International House, Library, Sports Association, S.R.C. and Union. Questionnaires referred to all units for information and confirmation (and additional data where required). All questionnaires to be returned to Registrar by March 19, 1976.
- MARCH 19 . Registrar collates information from questionnaires and integrates it with the revised submission.
- APRIL 30 . Bursar and Estate Divisions use information from questionnaires and revised submission to complete finance and building forms.
- MAY/JUNE . Registrar prepares revised submission text and revises student/staff estimates in light of 1976 enrolments.
- . All finance and building figures confirmed by Bursar and Estate Divisions.
- JUNE 21 . Revised submission (complete with all questionnaires) to Senate Agenda Committee.
- JULY 14 . Revised submission to Senate for endorsement and recommendation to Council.
- AUGUST . Revised submission to Council for approval.
- JULY/
SEPTEMBER . Final submission edited, typed and prepared for printing.
- OCTOBER 10 . Final submission to printer.
- DECEMBER 5 . Final submission to U.C.

CRITICAL DATES FOR DEPARTMENTS AND FACULTIES

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- APRIL 24 Departments to comment on student/staff estimates for 1976-84 before Registrar's report to Senate.
- AUGUST 18 Department submissions on new and existing developments, and Faculty comments to Senate Agenda Committee for its meeting on August 27.
- This means Departmental and Faculty meetings on the submission must be held before this date.
- (In April, 1975, the Bursar will make requests for budget proposals for 1976 from Budgetary Units. This might be incorporated into Departments' proposals for 1979-81.)

- OCTOBER 20 Publication of U.C. 6th Report and Government's decisions in respect of the Report expected in September/October. These decisions will affect the draft submission (and the Budget Proposals for 1976). Departments and Faculties may wish to arrange meetings to comment on the implications of the 6th Report for their previous proposals. Deadline for such commentary is October 20 for Senate Agenda Committee meeting of October 29.

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- MARCH 19 Departments to return U.C. Questionnaires. Questionnaires are expected to be available from U.C. in January/February.

NEWS FROM THE ACADEMIC SENATE

WORKING PARTY ON HEALTH AND MEDICAL EDUCATION

The Academic Senate has established a Working Party to report:

- (a) on the Report of a Hospitals and Health Services Commission Working Party in the Integration of Health Services and Health Education Facilities in the Illawarra Region; and
- (b) on a proposal for a Diploma Course in Medical and Health Education.

The Working Party will comprise one member elected from each Faculty, the Registrar, one member nominated by the Vice-Chancellor, and Professor A.M. Clarke as chairman. The Working Party is authorised to co-opt members and has been requested to furnish its report for consideration at the Academic Senate's May meeting.

The Federal Health Minister, Dr. Everingham, tabled the Hospitals and Health Services Commission Working Party's report in Parliament on April 22. Its recommendations are:

1. The Australian Government should agree in principle to provide resources for the addition of facilities and services in accordance with the health care needs of the Illawarra Region, but in such a way that they can be adapted and used in a future approved educational program of the type envisaged in the Wollongong proposal.

The particular provisions to be made would include action to:

- (i) extend the Family Medicine Program;
- (ii) build and staff four major health centres which could be suitable for teaching purposes;
- (iii) allocate staff in 12 affiliated group practices; and
- (iv) establish Departments of Community Medicine at Wollongong and Port Kembla Hospitals.

2. Approval in principle should be given to planning of the above facilities and services within cost limits of:

\$3.25 million on capital works
\$2.35 million per annum on recurrent costs.

3. A planning team should be appointed, to report within six months, on
 - (i) the provisions to be made under Recommendation 1;
 - (ii) the additional hospital facilities that may be necessary;

(iii) having regard to the developments proposed under (i) and (ii) above, and in consultation with the Australian Universities Commission, the outlines of the features of a possible future medical school at Wollongong University including the means whereby the education of medical students might be related to the tertiary education of psychologists, social workers, health administrators and nurses.

4. The planning team should be provided with a budget to engage staff and consultants.

It is estimated, provisionally, that a sum of \$50,000 would be required for this purpose.

5. The team should consist of nominees of:

Hospitals and Health Services Commission,
Australian Vice-Chancellors' Committee (2),
Australian Department of Health,
N.S.W. Health Commission,
Wollongong University,
Wollongong Hospital,
Port Kembla Hospital,
Australian Medical Association,
Royal Australian College of General Practitioners,
Wollongong City Council.

It should be free to consult with and co-opt from appropriate professional groups.

6. The report should be submitted for consideration and comment by each of the nominating organisations and to the Australian Universities Commission before submission to the Australian Government.
7. The Hospitals and Health Services Commission should be made responsible for managing the planning project.
8. If the recommendations listed above are accepted subsequent steps might be taken as outlined in Attachment II (Feasibility of the Proposal) of the Working Party's Report.

These recommendations will require Federal Cabinet approval before being acted on. Copies of the Working Party's report are available from the Registrar's Office.

COMMITTEES OF ACADEMIC SENATE

The Academic Senate has resolved that each of its permanent committees should continue to function with the same membership until the declaration of the annual elections for the committees. It also resolved that its ad hoc committees should continue to function with the same membership until they have reported on the matters referred to them, unless Senate decides to terminate their work before that time.

CHAIR FOR HISTORY AND PHILOSOPHY OF SCIENCE

The Academic Senate has resolved that a Chair in History and Philosophy of Science should be established in 1976.

WORKING PARTY FOR DRAMA, MUSIC CHAIRS

At the same meeting, the Academic Senate established a Working Party to report to Senate's next meeting on the priorities to be given to the establishment of Chairs in Drama and Music. The Working Party will be required to recommend on the timing to be

given to the establishment of the Chairs. Its composition is: Professor A.M. Clarke, Dr. B.J. Opie, Mr. A.I. Segal, Professor B.H. Smith and Professor R.G.T. Southall.

FORMULAE ADOPTED FOR ACADEMIC STAFF ALLOCATION

The Academic Senate has resolved that the Resources Committee be requested to use both Formule One (student workload) and Formula Two (contact hours) as guidelines for the allocation of academic staff and to explore the possibility of improving Formula Two. Senate noted that the two formulae should normally be used to determine the upper and lower limits of relative needs.

DOCUMENT RECEIVED FOR COMPUTER EXPANSION

The Academic Senate has received the document, "Proposed Expansion Equipment for the UNIVAC 1106 Computer System", and has resolved that the priority for additional computer equipment be considered when priority ranking of new developments and equipment needs for 1976 are being determined.

REPORT RECEIVED ON MIGRANT STUDIES CENTRE

The Academic Senate has received the report, prepared by Associate Professor J.S. Hagan, on the proposed Centre for Migrant Studies. The Universities Commission asked the University to amplify its migrant studies proposals, which were discussed during the Commission's visit in September last year. The original proposals envisaged migrant studies as part of the Human Environment National Research Institute. Professor Hagan's report proposes the development of a separate unit, the University of Wollongong Centre for Migrant Studies.

The Academic Senate has requested the Vice-Chancellor to forward the report to the Universities Commission and resolved that priority for the Centre be determined when the Academic Senate examines proposed new developments for 1976.

REPORT RECEIVED ON PERFORMING ARTS CENTRE

The Academic Senate has received a report, prepared by the Estate Manager, Mr. J.F. Bell, on the Performing Arts Centre. The report summarises the development of the project and seeks the support of the Universities Commission for Stage I. The Academic Senate has requested the Vice-Chancellor to forward the report to the Universities Commission.

REPORT REFERRED TO FACULTIES

The Academic Senate has resolved that the reports of the Ad Hoc Committee on Academic Appointments be referred to Faculties for comment in time for Senate to consider the reports at its May meeting. The Academic Senate asked the committee to supply a statement on outside earnings.

WORKING PARTY FOR DOUBLE DEGREE

The Academic Senate has established a Working Party to consider the responses of Faculties to the Interim Academic Senate Resolution "that the Faculties of Engineering, Mathematics and Science be requested to provide a draft regulation covering the granting of the double degree of Bachelor of Engineering and Bachelor of Science". The Working Party comprises three members - one to be elected by each of the Faculties of Engineering, Mathematics and Science, the Registrar, and Professor B.H. Smith as chairman. The Working Party has been asked to report in time for Senate's June meeting.

ENDORSEMENT FOR RESOLUTIONS

The Academic Senate has endorsed the following resolutions of the Buildings and Site Committee's February 6 meeting:

- (1) That the Departments of Accountancy, Economics, Education, Geography, Psychology and Sociology should be accommodated in the Social Science Building with laboratory space for the Department of History and Philosophy of Science.
- (2) That the User Committee for the Social Science Building be reconstituted with membership consisting of the Chairman of each of the Departments to be accommodated, or their nominees, and the University Architect and Engineer. In addition, the Chairmen of Departments with laboratories and/or workshops to be invited to nominate a senior technical or professional officer to be a member of the committee. The Departments to be accommodated being subject to Senate acceptance of the above resolution.

NO FURTHER ACTION ON F.M. BROADCASTING

The Academic Senate has advised the Vice-Chancellor that, in view of responses from Departments, no further action should be taken in regard to the introduction of F.M. Broadcasting.

COUNSELLOR REPORTS ON 1974

The Counselling Centre was established on November 15, 1973, the day on which the Counsellor, Mr. Jim McLennan, took up duty. Below, he reports on the Centre's first year of operation.

The style of operation chosen was that of a "general personal resource centre" rather than merely a "psychological sick-bay" and this meant that both staff members were engaged in a variety of activities in addition to counselling.

The Counsellor was involved in individual counselling concerning a wide range of personal, social, study and vocational problems, as well as conducting a number of group workshops concerned with communication and with study skills. The Counselling Centre Secretary established and operated a Student Accommodation Service and a Student Employment Service, consolidating functions which previously had been carried out on a part-time basis by other people on the campus.

The work-load of individual counselling was very high compared to that of other tertiary institutions. Four factors seemed to be involved in this:

1. Poor community mental health facilities in the Illawarra region during the past. This meant that some students from the region arrived on campus with long-standing psycho-social difficulties for which help had not been readily available in the past.
2. The presence of a significant number of students whose parents came from an overseas background. Such students had a unique set of problems, living as they did in "two worlds". Their parents often seemed to have no appreciation of the realities of student life and made impossible demands on their children, making failure inevitable.
3. The presence of a significant number of students from Sydney who failed to gain entry to a metropolitan university and who seemed seriously lacking in scholastic and decision-making skills.

4. The unsatisfactory nature of some part-time traineeships which created difficulties for a number of part-time students.

Because of the high workload involved, approval was obtained to employ a second Counsellor, on a part-time basis, for 1975, and Ms. Monica Manton has been appointed in this capacity. The additional Counsellor should enable the unit to engage in more activities of a preventative nature.

In addition to issues raised in points 1 - 4 above, two major concerns emerging during 1974 were:

- (i) the poor English expression and comprehension skills of many students;
- (ii) the evident lack of adequate careers guidance at secondary school level and the resulting vocational confusion which seemed to characterise a large number of students, in all Faculties.

Despite these negative aspects, both staff members were very gratified at the initiative and co-operativeness of many students and a majority of both academic and administrative staff in making the Counselling Centre's first year of operation as effective as possible.

Details of Activities in 1974

Four hundred and ninety seven persons were seen individually for 898 interviews involving a little over 800 hours. Of the 497 persons, 323 were undergraduate students, 8 were postgraduate students, 121 were prospective students, 45 were "other" (i.e. neither students, nor prospective students) including friends and relatives of students and staff, staff and members of the general community.

Two communication skills workshops and four study skills workshops were held, involving a total of 42 persons. Four careers seminars were held, in the areas of Accounting, Economics, Psychology and generalist graduate careers. A total of 93 people attended these.

A survey of student residential accommodation preferences was carried out in April to assist the Estate Division in planning possible residential college developments on campus. Copies of the report are available. The Counsellor was involved in the work of two University Committees, the Schools Liaison Committee and the Selection Project Committee. Other activities included participation in some of the work of community agencies.

RESULTS OF SECOND SERIES OF ELECTIONS DECLARED

The following results have been declared in the second series of elections held for the academic units of the University:

- (1) Eight persons by and from among the Academic Assembly to the Academic Senate

HALL, F.M.)	
PHILLIPS, E.R.)	
DOHERTY, G.)	Two year term of office
OPIE, B.J.)	

PANTER, J.)	
CHARLTON, W.H.)	
STEINKE, J.)	One year term of office
UPFOLD, R.W.)	

- (2) A Faculty of Engineering member of the Audio-Visual Policy and Equipment Committee:

WHEWAY, R.T. - Two year term of office

- (3) A Faculty of Humanities member of the Audio-Visual Policy and Equipment Committee

CASTLE, J.A. - Two year term of office

- (4) A Faculty of Humanities member of the Library Committee:

JONES, D.L.M. - Two year term of office

- (5) A Faculty of Science member of the Library Committee:

DUFF, K.J. - Two year term of office

After determination by lot, the following terms of office have been declared for members previously declared elected to the following Committees:

- (1) Academic Planning Committee

MONTGOMERY, D.G.)
PROKOP, F.P.) Two year term of office
SOUTHALL, R.G.T.)

DE LACEY, P.R.)
RYAN, J.B.) One year term of office

- (2) Buildings and Site Committee

PEARSON-KIRK, D.)
TOGNETTI, K.P.) Two year term of office

PHILLIPS, E.R.)
SMITH, B.H.) One year term of office

TRAFFIC AND PARKING SURVEY

A survey to provide data to assist in evaluating the University's case for additional public transport or University-managed transport, and to forecast the future needs for parking will be held between April 28 and May 2.

A questionnaire will be distributed to all people coming to the University on April 30. They will be requested to complete one copy and to deposit it in the collection boxes which will be placed in each lecture theatre; in the foyers of the A.C.S. building, the Science building, the Library, Engineering Building 4, the Administrative Services Building 8; and in the Union Hall.

Additional copies of the questionnaire will also be available at these locations for use by any individuals who do not receive one at their point of entry to the University.

These questionnaires have been considered by the S.R.C., Academic Staff Association and the P.S.A., who have agreed that this survey is desirable. A similar survey is being carried out concurrently by the Institute of Education.

GRADUATE EMPLOYMENT SURVEY

The University, in association with The Graduate Careers Council of Australia, is undertaking a graduate employment survey for 1974-75. Graduands have been sent a survey form prepared jointly by the University and the Council.

In an accompanying letter, the Registrar, Mr. R.F. Stewart, says: "At this early stage of planning the University's development, we urgently need information about the occupations which our graduates enter immediately following graduation.

"As you can appreciate, this kind of information is essential if the University is to plan its development in a manner appropriate to community needs.

"For this reason I am asking for your co-operation in completing and returning the survey in the envelope attached. The envelope should be returned not later than Graduation Day."

THREE AWARDED DOCTORATES

The following academic staff members have been awarded their Doctorates of Philosophy:

Dr. I.G. Elliot (A.N.U.)	Department of Geography
Dr. C.L. Keys (Alberta)	Department of Geography
Dr. B.M. Walker (Sydney)	Department of Psychology.

MEMBER OF SPECIAL PROJECT TEAM

Mrs. Peggy Errey, Assistant Supervisor, Estate Division, was a member of the special project team which, under the auspices of the Australian Government Social Welfare Commission, late last year produced a 255-page report entitled, Project Care - Children, Parents, Community. The report, which examines the development of pre-school and day-care opportunities, was tabled in Parliament by the Minister for Social Security, Mr. Hayden.

BLAST FURNACE AERODYNAMICS SYMPOSIUM

A Symposium on Blast Furnace Aerodynamics will be held at the University of Wollongong and the Barclay Function Centre between September 25 and 27 this year.

Organized by The Australasian Institute of Mining and Metallurgy (Illawarra Branch), the symposium will feature speakers from Australia, Canada, Germany, Italy, Japan, Luxembourg, Russia, The Netherlands, the United Kingdom and the United States.

Further information can be obtained from Associate Professor N. Standish, Department of Metallurgy.

NEWS FROM OTHER UNIVERSITIES

Sir Richard Eggleston, a former judge of the Australian Industrial Court and president of the Trade Practices Tribunal, was installed as Monash University's third Chancellor on April 9.

Dr. Neil Edward Carson has been appointed Monash University's first professor of community practice. He will take a chair newly established within the Department of Social and Preventive Medicine at the Alfred Hospital.

The University of Melbourne has announced the appointment of Professor J.R. Poynter as Deputy Vice-Chancellor (Research) as from April 8. Aged 45, he has been the Ernest Scott Professor of History in the University of Melbourne since 1966 and chairman of the Professorial Board since the beginning of 1974.

STUDENT EMPLOYMENT SERVICE

POLICY ON ADVERTISING JOBS AND WAGES

1. Jobs are phoned through to me and I advertise them on the notice-boards in the Counselling Centre and in the Union.
2. Some recognised jobs (e.g. storeman, waiter, etc.) are covered by award rates. If under-award wages are being offered, I will still advertise the position and you are then free to decide whether to accept or reject the job under the conditions advertised.
3. In cases where the work is not covered by award wages (e.g. gardening, lawn-mowing, baby-sitting, etc.), the minimum rates at present are as follows:
 - . Gardening, general odd jobs, domestic work, etc. \$2.50 per hour.
 - . Lawnmowing. If the employer provides the mower, \$2.50 per hour.
If you provide the mower, \$5 per hour.
 - . Babysitting. \$1 per hour in the evening;
\$1.20 - \$1.50 per hour during the day.

4. The Typing Service

The student is expected to pay \$2.80 per 1000 words for straight-forward typing. For anything more involved (e.g. tables, equations, etc.), you will be expected to pay \$3.20.

STUDENTS: REMEMBER - YOU HAVE THE RIGHT TO SEE WHAT WORK IS BEING OFFERED, AND THEN, EITHER TO ACCEPT OR REJECT IT. (*Marion Allen, Student Employment*)

STAFF

APPOINTMENTS

PAVLIK, Peter	5/3/75,	Technical Officer,	Chemistry
BUNN, Peter Maddrell	7/3/75,	Laboratory Assistant	Psychology
EWIN, Geoffrey Arthur	10/3/75,	Tutor,	Accountancy
STONE, Miss Karen S.	10/3/75,	Office Assistant,	Library
DILL, Ross William	17/3/75,	Administrative Assistant,	Bursar's Division
HILL, Dr. James Murray	17/3/75,	Lecturer,	Mathematics
KILLMORE, Ian Neville	24/3/75	Apprentice Carpenter/ Joiner	Estate Division
McKAY, Ian Edward	24/3/75,	Apprentice Electrical Fitter/Mechanic,	Estate Division
ALLEN, Mrs. Audrey L.	1/4/75,	Stenographer,	Civil Engineering
de GRAAFF, Mrs. Lois Y.	2/4/75,	Library Assistant,	Library
LOTZE, Miss Ruth M.	7/4/75,	Senior Librarian,	Library
RYAN, Miss Elizabeth	7/4/75,	Garden Labourer,	Estate Division
SOUTHALL, Mrs. Irene M.	4/4/75,	Tutor,	Education
CHANDRA, Dr. Tara	14/4/75	Lecturer,	Metallurgy
ADDISON, Quentin R.	14/4/75,	Senior Computer Operator,	Computer Centre
HENDERSON, Miss Beatrice	21/4/75	Stenographer,	Information Office
MARGERISON, Larry	14/4/75	Laboratory Assistant,	Mechanical Engineer- ing

RESIGNATIONS

LEPPALA, Mrs. Helen E.	21/3/75,	Stenographer,	Information Office
CANNIFF, Miss Sandra	27/3/75	Research Assistant,	V.C.'c Unit &
			Psychology
SYMES, Colin T.	31/3/75,	Tutor,	Education
PRICE, Mrs. Christine	1/4/75,	Stenographer,	Civil Engineering
YOUNG, Mrs. Glenna F.	24/4/75,	Stenographer,	History

APPLICANTS SOUGHT FOR SCHOLARSHIP

The English-Speaking Union of the Commonwealth (N.S.W. Branch) is calling for applicants for its Ruth A. Cumming (E.S.U.) Scholarship worth \$1000. The scholarship is intended to assist young people who, at the outset of their careers, seek to further their studies outside Australia. Enquiries to: English-Speaking Union (N.S.W. Branch) Ltd., 154 Castlereagh Street, Sydney 2000. (After April 30 - 1st Floor, R.A.N. House, 32 Grosvenor Street, Sydney 2000.) Closing date is May 31, 1975.

KOREAN SCHOLARSHIP PROGRAMME

The Government of the Republic of Korea invites, under its scholarship programme offered by the Ministry of Education, foreign students to pursue advanced studies in Korean higher educational institutions. Further details are available from Mr. P. Wood, Student Services.

FILM & TV SCHOOL CALLS FOR APPLICANTS

The Film and Television School in Sydney is currently calling for applications for the next intake to the fulltime course beginning in March, 1976. Twenty-four places are being offered for the three-year course which offers intensive, practically-oriented training in production, direction, writing, editing, cinematography, sound recording and production management. Application forms and brochures can be obtained by writing to: The Enrolments Officer, The Film and Television School, P.O. Box 245, Chatswood, N.S.W. 2067. Telephone (02) 412 1077. Applications close at 5 p.m. on Friday, May 30, 1975.

YOUTH ROSTRUM FOR MUSICAL TALENT

Music Rostrum Australia Limited, a non-profit company established in 1974 with the aim of creating a major contemporary music festival (Rostrum) in Australia by 1976, will hold a YOUTH ROSTRUM at the Sydney Conservatorium of Music from August 23 to 31. It will bring together the most outstanding of Australia's young musical talent, and will provide them with the opportunity of working closely with leading Australian and International musicians and composers in a series of seminars and private and public workshops. Enquiries to: Music Rostrum Australia Limited, P.O. Box N26, Grosvenor Street, The Rocks 2000. Telephone: 92 0761. Closing date for applications is May 30.

RUGBY UNION NEEDS PLAYERS

With only 21 registered players, the Club desperately needs new members so that it can field two teams. This is one of the oldest clubs on campus and boasts the best social functions going: weekly barbecues after the game, impromptu parties, and an unbelievable Inter-varsity (This year at Macquarie). Help make this a big year for Uni. **PLAY RUGBY,**

TRAINING: Wednesday 6.30 p.m. Enquire at the S.R.C. Office for more details.

RUGBY UNION CLUB BARBECUE

The Rugby Union Club will be holding a barbecue every Thursday, until the May Recess, on the lawn outside the Union Hall. The proceeds will assist in meeting the cost of sending a team to Intervarsity. The barbecues will start at about 12.00 each day and will provide steak sandwiches, at 40c each, for about 200 people. Beer will be on sale during the afternoon for 35c a can.

UNI. FIT AND STRONG IN RULES

University Australian Rules team comfortably defeated Port Kembla 10-12-72 to 3-4-22 in windy conditions on the Institute of Education oval on April 6.

University was too fit and strong in most positions and did not look in trouble at any time during the game. Best players were: Dave Dorrian (best on Ground), Oscar Gregory, and Daryl Molloy. Colin Rogers kicked three goals and Peter Agrums won the ruck all day.

Dave Dorrian has not played Australian Rules before this year. He has a great future, with his natural ball control, exceptional speed, and good judgement. Dave earned 28 kicks during the game - no mean feat for a wing position.

In the last two matches, University has lost by one point and two points respectively. Against Shellharbour, University took three quarters to settle down and play team football. In the final quarter, it played brilliantly to go down by one point. Again, on April 20, an almost exact repetition - five goals down entering the last quarter, University completely rattled Dapto to be one point ahead with 5 min. from full-time.

Dapto then scored their first and only goal for the quarter to be 5 points ahead. University attacked and had the ball on their forward line for the remainder of the match, but only kicked 3 points. Scores: Dapto 11-12-78 d. University 10-16-76. Best - A. Wolfe, N. Skillen, D. Molloy, P. Agrums.

University has now dropped from top position to third on the ladder:

<u>Wins</u>	<u>Losses</u>	<u>Draws</u>	<u>Points</u>	<u>%</u>	<u>Teams in Order</u>
3	-	-	12	240	Wollongong
3	-	-	12	102	Shellharbour
1	2	-	4	142	University
1	2	-	4	84	Port Kembla
1	2	-	4	70	Dapto
0	3	-	0	55	Bulli-Woonona

The Club needs non-playing support. It requires a goal umpire, a property manager, and a boundary umpire for every game. Other clubs do not have this problem because their officials are mostly non-players; they can also draw on their junior ranks. If anyone can help with the above, please contact Dr. Peter Burton in Chemistry (ext. 342). The Club has a very efficient social committee comprising Mrs. Gay Speirs, Mrs. Kathy Wolfe and Miss Ann Horniman. *(Alan Wolfe)*

INVITATION TO FENCING MEETINGS

Mr. P. Hutten, President of Wollongong Fencing Club, has contacted the University to invite students and staff, with an interest in foil, epee or sabre fencing, to attend club meetings every Tuesday at 7 p.m. for instruction and "free play". Those Interested can contact Mr. Hutten at home after 7.15 p.m. on Monday, Thursday and Friday or at anytime during the weekend. His telephone number is 71 2396.

1975 WOLLONGONG CONCERT SERIES

The 1975 Wollongong A.B.C. Concert Series began in the Town Hall on April 23 with a concert by young Queensland violinist Kerry Smith.

Three other concerts will be held:

- Monday, June 30 - Roland Hermann (Baritone); Accompanist: Geoffrey Parsons (Piano).
Six songs from Orpheus Britannicus (Purcell); Songs by Schubert, Mahler; Arias from Tannhauser (Wagner), the Magic Flute (Mozart), Don Giovanni (Mozart), The Barber of Seville (Rossini).
- Monday, July 28 - Stephen Bishop (Piano)
Partita No.4 (Bach); Sonata Op.101 (Beethoven); Dances (Schubert); Variations & Fugue on a Theme by Handel (Brahms).
- Tuesday, October 28 - Sydney Symphony Orchestra.
Conductor: Patrick Thomas; Soloist: Igor Hmelnitsky (Piano).
Symphony No.35 - Haffner (Mozart); Piano Concerto No.5 - Emperor (Beethoven); Symphony No.5 (Tchaikovsky).

Brochures containing information about the concerts and booking details are available from the Information Office, Room 116, Administration Building.

The Booking Office is: L. Grierson's, 300 Crown Street, Wollongong.

ADVERTISEMENTS

TO LET

Pleasant 3-bedroomed, furnished house, Lawrence Hargreave Drive, Wombarra. Apply Associate Professor E.M. Frazer, phone 673212.

TYPING

Students and staff. IBM Selectric Typewriter. Reasonable rates. Pick-up and delivery. Miss Mandy Moore, 34 Longview Crescent, Stanwell Tops. Telephone: 94 1895.

SEMINAR

A Seminar on THE GARDEN OF EDEN by PHIL GROUSE (Associate Professor of Economics, University of N.S.W.) on Wednesday, April 30, 12.30 p.m. in the Lecture Theatre Annex.

TALK OUT CHRISTIANITY

Students and staff will have an opportunity to talk out Christianity with some who practice it on campus - on Thursday, May 1, from 7 p.m. in the Common Room. Free coffee and biscuits.

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