



University Year 1975

# The University of Wollongong CAMPUS NEWS

PUBLISHED BY THE INFORMATION OFFICE FOR CIRCULATION IN THE UNIVERSITY

VOL. 1 NO. 9

APRIL 7, 1975

## GRADUATION ' 75

### LAST U.N.S.W. CEREMONY AT WOLLONGONG

The 1975 Graduation Ceremony will be held on Friday, May 2, and will be the last to be conducted by The University of New South Wales on the Wollongong campus.

Wollongong University College was opened on March 1, 1962, and in 1963 thirteen bachelor degrees were conferred on its students. Last year 168 bachelor degrees were awarded. Between 1963 and 1974 inclusive, 866 bachelor degrees, 170 diplomas and 90 higher degrees were awarded. Of the bachelor degrees, 128 were in Applied Science, 86 in Commerce, 199 in Engineering, 219 in Arts and 234 in Science. Just under half of the higher degrees were awarded in Science: 25 masters and 19 doctorates. A breakdown of degrees by year is set out below.

Total of degrees conferred in years 1963 - 1974 inclusive:

FACULTY	BACHELORS	DIPLOMATES	MASTERS	Ph. DOCTORS
Applied Science	128		6	2
Commerce	86			
Engineering	199		15	8
Arts	219		14	1
Science	234		25	19
Board of Vocational Studies		170		
College Totals	866	170	60	30

<u>Faculty of Applied Science</u>	BACHELORS	DIPLOMATES	MASTERS	Ph.DOCTORS
1963	4			
1964	2			
1965	12			
1966	14		1	
1967	20			1
1968	10			
1969	11			1
1970	6			
1971	13		2	
1972	9		1	
1973	10		1	
1974	17		1	
	128		6	2

<u>Faculty of Engineering</u>	BACHELORS	DIPLOMATES	MASTERS	Ph.DOCTORS
1963	8		1	
1964	20			
1965	10			
1966	18			1
1967	14			
1968	8		1	1
1969	11		2	1
1970	19		3	1
1971	20		1	2
1972	14		4	
1973	28		3	2
1974	29			
	199		15	8

<u>Faculty of Science</u>	BACHELORS	DIPLOMATES	MASTERS	Ph.DOCTORS
1963	1		1	
1964	9			
1965	2			
1966	10			
1967	17		1	
1968	20		5	
1969	26		3	
1970	20			4
1971	16		2	6
1972	30		3	2
1973	41		6	4
1974	42		4	3
	234		25	19

\* \* \*

	BACHELORS	Board of Vocational Studies DIPLOMATES	MASTERS	Ph. DOCTORS
<u>Faculty of Arts</u>				
1967	4			
1968	9			
1969	30	23		1
1970	6	31		
1971	32	7		
1972	43	22	7	
1973	44	26	1	
1974	51	61	6	
	219	170	14	1

	BACHELORS	DIPLOMATES	MASTERS	Ph. DOCTORS
<u>Faculty of Commerce</u>				
1969	3			
1970	4			
1971	6			
1972	12			
1973	32			
1974	29			
	86			

## VALE

Cameron Paterson, of the Finance Office, died on March 16 in a car accident. He was born, and grew up, in South Africa. He joined the staff of Wollongong University College in November, 1970, as an Accounts Clerk, after seven years working for A.I. & S.

Cameron was hard-working and intelligent, and unobtrusively, but rapidly, moved up the promotional ladder until he was appointed Administrative Officer in July, 1974, his third promotion since he joined the staff.

At the same time, he was also working towards his degree the hard way. He got his Higher School Certificate through the Technical College in 1971, and in 1972 started a part-time Bachelor of Commerce degree course. His results were heavily loaded with credits, distinctions and high distinctions.

At the same time, he was a good family man. He, his wife Maree, who is also a student at the University, and their two children were a very happy close-knit family.

Cameron was a cheerful and lively character. He was helpful to staff with problems. He was good at sorting out difficulties and in getting new developments off the ground. He also enjoyed discussions, particularly on politics, where he supported the conservative cause with good humour and vigour, but without ever losing a friend. He is greatly missed in the Administration.

### TO CAMERON PATERSON

Our good friend has come to an end  
The news has just come through  
It can't be so, we tell ourselves  
But deep down we know it's true.

It's not until the Lord decides  
To act so close to you  
That you remember all you've learnt  
Of what God's might can do.

For He gives life and He takes away  
He needs no reason why,  
And we who are left and hurt  
Can do no more than cry.

Why him, we ask, he was so good  
As husband, father and friend,  
So young, so strong and bright,  
To meet an early end.

The reasons are not ours to share  
Perhaps God needs him way up there,  
Let's pray that one day, up above,  
We'll meet him again, and renew our love.

Let's be grateful for the time we had  
For the happy days, and those that were sad  
For we are among the privileged few  
Who can say we knew him, yes, we knew.

Let's accept that no good can come from sorrow  
Let's look up and towards tomorrow  
And face it, enjoy it, and see it through,  
I know that's what he would want us to do.

*Anonymous*

## MISSION TO GUATEMALA

Professor K.A. Blakey, Chairman, Department of Economics, has been granted special leave for six weeks (from late March) to go to Washington, D.C., and to Guatemala as the economist member of a World Bank mission.

Professor Blakey said: "Our assignment is the study of a project for the expansion of the Guatemalan education system as part of a national plan for economic and social development.

"This study is the consequence of a series of development projects undertaken by the Guatemalan Government with the help of World Bank finance. As a member of the first World Bank education mission to Guatemala in 1968 I was involved with the first of these projects - which resulted in a multi-million dollar development affecting teacher training, agricultural training, and secondary, general and technical education. The following year, I left the World Bank to return to Australia and take up my present appointment.

"I returned to the Bank as a consultant in 1973 and had four months in Washington and in Trinidad. On that occasion I was director of a course on educational aspects of economic development for government planners from a number of Asian, African, Caribbean, and Mediterranean countries.

"My work with the Bank has taken me to many countries in Asia, Africa and Latin America. This experience has had a profound effect on my attitude to the teaching of economics. It has of course led to an appreciation of problems of economic development in our neighbour countries, and related problems of affluence and waste in our own country.

"The World Bank is part of the United Nations Organisation, but it operates independently under its own charter. Its full name is the International Bank for Reconstruction and Development. The "reconstruction" function in the years following World War II involved it in a large number of European projects and in the Snowy River Project in Australia. Now the "development" function absorbs all its efforts. In 1973/74 the total of loans and credits approved by the Bank was \$4,313,600,000, of which almost one-third went to developing countries in Asia."

## DEPARTMENT OF PSYCHOLOGY SEMINARS

Students and staff are invited to attend a selected number of the Department of Psychology's Fourth-Year (Honours) and Postgraduate Seminars. Most of the seminars open to students and staff are held on Thursdays, between 10.30 a.m. and 12.30 p.m., in Room 210, A.C.S. Building.

A list of these seminars, for the remainder of First Session, is contained in the Diary of Events, under the headings: "Applications and Current Issues in Psychology" or "Significant Developments in Psychology". Students and staff wishing to attend any of these seminars should contact the Department of Psychology secretary.

## PRESIDENTIAL ADDRESS

Professor A.M. Clarke's presidential address to The Australian Psychological Society's annual conference in Perth last year is available in monograph form (Australian Psychologist Vol.9, Monograph Supplement No. 1, 1974). The address is entitled, "Community Health Care: Implications for Psychologists and for Society". The monograph is available in the Library or can be bought for \$1 a copy from the Australian

Psychological Society, National Science Centre, 191 Royal Parade, Parkville, Victoria 3052.

Professor Clarke, who is the Chairman, Department of Psychology, says in the conclusion to his address:

"The community must learn to accept responsibility for, and active participation in, its own health care system. The health professionals must learn to work with each other as a team, and also with the community, to achieve an environment conducive to physical and mental health.

"As members of a team of community health professionals, psychologists can offer a range of skills and techniques promoting individual, group and community change. In attempting to function in a community framework, American psychologists have been accused of being overconfident about their skills and over ambitious in setting their goals (Thorne, 1973). However, in Australia, the converse appears to be true; in communicating with other professionals and with the community, we tend to undersell the contributions we can make to the goals of health care and to be modest in delineating these goals.

"A most favourable opportunity exists now for Australian psychologists to demonstrate to the community the broad spectrum of professional contributions they can make to health care programmes. For psychologists working in the field of CHC, the system holds the opportunity to develop their discipline not only as a science and as a profession, but also as a keystone for human well being.

The ninth president of The Australian Psychological Society, Professor Clarke held office from August, 1973, to August, 1974. At present, he is Acting President (until August) in the absence overseas of the President for 1974-75, Professor Alastair Heron.

### COMPUTER FACILITIES FOR HIGH SCHOOLS

Computer Manager, Mr. G.A. Hamer, advises that all high schools in the South Coast and St. George areas have been informed about the computer facilities the University is now able to offer them. He said the facilities were available to those high schools which wished to introduce some fundamental computer programming courses into their sixth-grade curricula.

Mr. Hamer said: "This service is possible because the University's UNIVAC 1106 Computer compiles and executes student programs very quickly and cheaply and with minimum "control cards". All the popular computer languages are available such as BASIC, FORTRAN, APL, PL1 and COBOL.

"The scheme has already been successfully operated for Bulli High School, for a class of twenty sixth-form students doing the course in Computer Programming as prescribed in the Third Level Higher School Certificate Course. During the three-week course the students wrote, compiled and executed up to five simple Fortran programs each. The students wrote their programs on coding sheets at school and these were delivered to the University in batches.

"Cards were punched by the University and the programs run with a total turnaround of two or three days. The computer output, comprising a listing of each program and results of the execution (or in about 40% of cases, a list of program errors diagnosed by the computer) was picked up by the class teacher. The total cost to the school, including card punching, was under \$90."



## CRECHE SOUGHT FOR CAMPUS

Mrs. Denise Mutch, of Figtree, a part-time Arts student and mother of two children aged two and three-and-a-half, invites other students and staff to contact her about the formation of a creche on campus. Mrs. Mutch feels that a creche is a much-needed facility for students and staff with children, and those interested should band together. She can be contacted at 299096 (home).

## ELECTIONS TO ACADEMIC UNITS

### SECOND SERIES

1 April - Notice of Elections.

- (i) eight members by and from among the Academic Assembly to the Academic Senate;
- (ii) six members by and from the Assembly to the Academic Planning Committee;
- (iii) four members by the Assembly from among the academic staff members of the Assembly to the Buildings and Site Committee.

15 April - Close of Nominations.

22 & 23 April - Voting.

## FRENCH ART EXHIBITION

The French Consul-General, Mr. Jacques Landry, will open an exhibition of drawings and paintings by the modern French artist, Marc Pont, at 6 p.m. on April 7 in the University Union.

The exhibition is being presented, by the University of Wollongong Union and the Association of French Speaking Residents, through the courtesy of the French Embassy in Canberra. The proceeds of sales will be given to the WIN 4 Colorthon Appeal in aid of Wollongong Hospital, the Illawarra Crippled Children's Society, and the Handicapped Persons Trust.

About 50 drawings, water colours, and oils will be on sale (either framed or unframed) at prices generally in the range of \$25-\$95 (the majority at the lower end of the scale) with a few especial oils in excess of these figures. The exhibition will remain open until April 18 in the Union.

## CAMERA CLUB MEETINGS

The Camera Club meets on the second and fourth Monday nights of each month at 7.30 p.m. in the Union Reading Room.

Dates and competition topics for the remainder of this year are: April 14 ("Children"); April 21 (Open); May 12 ("Our Anniversary"); May 26 (A.G.M. - Open); June 9 (T.B.A.); July 21 ("Motion"); August 11 ("Poverty"); August 25 (Open); September 8 ("Friends"); September 22 (Open); October 13 (Print/Slide of Year, prize-giving).

## GEOLOGY SOCIETY'S 100 CLUB

The Geology Society is holding an 100 Club: First prize \$1000.00; Four prizes each of \$50.00.

Tickets are available for \$20 from Barry Johnston, Department of Geology. Proceeds will subsidize the annual University of Wollongong Geological Society excursion.

## BRIDGE COURSE

The N.S.W. Sports and Recreation Service, in conjunction with the Wollongong and District Bridge Club, is organising a Bridge Course for beginners and more advanced players wishing to improve their knowledge of Competitive Contract (Duplicate) Bridge. The sixteen-week course will be held at 373 Crown Street, Wollongong. On each evening about 1-1½ hours will be used to explain and discuss theory, the remainder of the evening being reserved for practice play among the participants, assisted by experienced players from the Wollongong and District Bridge Club. During the evening, tea and coffee will be served. The evening session will be repeated each following Tuesday at 2 p.m.

The enrolment fee is \$6 per person for the course. In addition, 40 cents table fee per person per week will be charged. These fees cover instruction fees, room hire, materials and supper.

For enrolment please contact: N.S.W. Sport and Recreation Service, 2nd Floor Manchester Unity Building, Cnr. Keira and Market Streets, Wollongong, or mail your name(s) and cheque for \$6 per person to Box 1505 P.O., Wollongong 2500. Speedy action is required as course numbers are limited. For further information ring 28-6447.

## ACADEMIC VISITORS TO UNIVERSITY OF N.S.W.

This list of academic visitors to the University of New South Wales is published for the information of staff and students at Wollongong.

3rd March to 20th July 1975

<u>Faculty and School</u>	<u>Title, Name, Home Institution</u>	<u>Specialization</u>	<u>Period of Visit</u>
<u>ARCHITECTURE</u>			
Building	Professor R. Burgess, Dept. of Civil Eng., University of Salford, United Kingdom.	Construction design & management. Dimensional co-ordination. Construction tolerances. Quality inspection and prefabrication. Systems approach to the building process.	May 4 to June 14
Town Planning	Dr. R. Zehner, Research Associate, Centre for Urban and Regional Studies, University of North Carolina, U.S.A.	Social survey methodology and determination of human satisfaction in residential areas.	January 6 to November, 1975.



<u>Faculty and School</u>	<u>Title, Name, Home Institution</u>	<u>Specialization</u>	<u>Period of Visit</u>
<u>ARTS</u>			
Drama	Dr. Dorothy Heathcote, Senior Lecturer, Newcastle on Tyne University, United Kingdom.	Educational drama	April 1 to 19
Sociology	Dr. Frances Dahlberg, Assistant Professor of Anthropology, Colorado Women's College, Colorado, U.S.A.	The Family. Race relations.	March 3 to July 20
<u>BIOLOGICAL SCIENCES</u>			
Botany	Dr. Margery P. Marsden, Fellow of the Radcliffe Institute, Harvard University, U.S.A. (On leave from Biology Dept., Princeton Uni., U.S.A.)	Plant growth and development	August 1974 to August 1975
Zoology	Richard E. MacMillen, Professor of Biological Sciences, University of California, California, U.S.A.	Physiological ecology of birds and mammals, especially thermo- regulation, energy balance and water balance.	October 1974 to July 1975
<u>COMMERCE</u>			
Economics	Professor J. Melvin, Dept. of Economics, University of Western Ontario, Canada.	International economics.	March 3 to July 20
	Professor K. Hilton, Dept. of Economics, University of Western Ontario, Canada.	Applied economics	March 3 to July 20
<u>ENGINEERING</u>			
Electrical Engineering	A/Prof. P.J. Khan, University of Michigan, Michigan, U.S.A.	U.H.F. and Micro- waves. Solid state devices. Novel waveguide structures.	January 20 to June 30
	S.Y. King, Professor and Pro-Vice- Chancellor, Head, Dept. of Elect. Engineering, University of Hong Kong.	Electrical power. Rapid transit systems. Network analysis and synthesis.	March for fourteen weeks.

<u>Faculty and School</u>	<u>Title, Name, Home Institution</u>	<u>Specialization</u>	<u>Period of Visit</u>
Electrical Engineering (Cont'd)	Dr. B.W. Hogg, Lecturer, University of Liverpool, United Kingdom.	Excitation Control and stability of power systems.	January 13 to March 23
Mechanical and Industrial Eng.	Professor D. Dowson, Leeds University, United Kingdom.	Tribology, lubrication of human joints.	February 10 to August 1975
	Professor J.R. Paulling, University of California, Berkeley, California, U.S.A.	Naval architecture.	March 1 to June 30
Surveying	Dr. A.R. Robbins, Head, Dept. of Surveying and Geodesy, Oxford University, United Kingdom.	Geodesy.	April 3 to 9
	Dr. M. Leupin, Lecturer, Swiss Federal Institute of Tech., Switzerland.	Photogrammetry	March to May
<u>MEDICINE</u>			
Psychiatry	Leston Havens, Professor of Psychiatry, Harvard Medical School, U.S.A.	Psychiatry	May to June
<u>SCIENCE</u>			
Mathematics	Professor D. Leviatan, Head, Dept. of Maths., University of Tel-Aviv, Tel-Aviv, Israel.	Approximation theory.	September 1974 to July 15
	Professor W. Taylor, Dept. of Mathematics, University of Colorado, Colorado, U.S.A.	Model Theory and Algebra.	January to December 1975
<u>DIVISION OF POSTGRADUATE EXTENSION STUDIES</u>			
	Professor T. Fest, Professor of Communica- tion, University of Colorado, Colorado, U.S.A.	Human Communi- cation, Organi- zational Communi- cation.	May 12 to June 16
<u>INSTITUTE OF LANGUAGES</u>			
	Mr. Roland Hindmarsh, Director, English Teaching Information Centre, London, and Deputy Controller, British Council's English Teaching Division.		March 10 to 19

## VACATION SCHOOL IN TRANSMISSION ELECTRON MICROSCOPY AND ELECTRON DIFFRACTION

A Vacation School in Transmission Electron Microscopy and Electron Diffraction will be held at the University of Sydney from May 19 to 23 inclusive. This school is designed for users and prospective users of transmission electron microscopes, and will cover both biological and materials applications and the associated methods for preparing specimens.

Instruction at a range of levels will be by means of small tutorial and practical groups, together with a few general lectures. Some time before the course, participants will be sent a list of possible tutorial and practical topics from which to choose. Timetables and tutors will then be arranged accordingly, so that participants can concentrate on those areas of most interest to them. Some mention will be made of scanning electron microscopy and electron microprobe analysis, but this course is not designed for users of those instruments. (A Vacation School on these topics is planned for August, 1975.)

The fee for the course is \$150, and accommodation will be available in a University College for those requiring it. Those who are considering attending the course should indicate their interest immediately by writing to Dr. D.J.H. Cockayne, Electron Microscope Unit, University of Sydney, N.S.W., 2006. Further details and application forms will then be sent.

## FORENSIC SCIENCES CONFERENCE

The Austral-Asian Pacific Regional Forensic Sciences Conference will be held at the University of New South Wales from April 17 to 20. The topic is "Crimes of Violence".

In a recent letter to the Registrar, the Secretary-General of the Australian Academy of Forensic Sciences, Dr. O.R. Schmalzbach, invited students of the University of Wollongong to attend the conference. He said the registration fee for students for all scientific sessions is \$10 (for all other participants the fee is \$50).

The Information Office has a booklet which outlines the conference programme, and further details will be available at the conference headquarters on registration at the University of New South Wales from April 17.

## SCIENCE AND TECHNOLOGY WHITE PAPER

A copy of the Australian Government white paper entitled, Science and Technology in the Service of Society - The Framework for Australian Government Planning, is available at the Information Office. The paper was published for the Department of Science.

## EDUCATIONAL FELLOWSHIPS

The Australian Advisory Committee on Research and Development in Education invites applications for the award in 1976 of Fellowships tenable overseas for persons wishing to follow a career in educational research within Australia. They are intended for graduates who have had experience or demonstrated interest in educational research. They may be awarded for a minimum of three months and up to six months.

Application Forms and further details are available from the Secretary to the Australian Advisory Committee on Research and Development in Education and must be submitted so as to reach him at P.O. Box 826, Woden, ACT, 2606, no later than May 9, 1975.

## \$100 PRIZE FOR BEST LECTURE

A prize of \$100 will be awarded to the graduate or student who delivers the best lecture to the Sydney Branch, Royal Aeronautical Society, at a Graduate and Students Lecture Night on October 15. A prize of \$35 will be awarded for second place and \$15 for third place. Three candidates will be selected to deliver a lecture of about 25 minutes, followed by a 5-minute discussion. Judging for the prize will be in the hands of three adjudicators. The competition is open to students at an Australian university, college of advanced education, or technical college, who are not members of the Society and who are under 28 years of age. Further details from the Information Office or the Society's honorary secretary, C. Grose, P.O. Box 148, Punchbowl, N.S.W. 2196. Phone: 77-0111.

## AWARDS

Application forms for C.S.I.R.O. Postdoctoral Studentships are available from Mr. Peter Wood, Administration Building. Closing date is Wednesday, April 9; applications should be lodged with the Secretary, Studentship Committee, C.S.I.R.O., P.O. Box 225, Dickson, A.C.T. 2602. Details of Commonwealth Scholarship and Fellowship Plan New Zealand Awards for 1976 are also available from Mr. Wood.

## ROYAL SOCIETY OF VICTORIA MEDAL

The Royal Society of Victoria awards annually a silver medal for scientific research in one of the following categories:

- A. Natural Sciences - Agriculture, Botany, Forestry, Geology, Physiology, Zoology and related sciences.
- B. Physical Sciences - Astronomy, Chemistry, Engineering, Mathematics, Meteorology, Physics and related sciences.
- C. Social Sciences - Anthropology, Economics, Geography, Psychology, Sociology and related sciences.

The work shall have been carried out in Australia (including its territories) or on Australia, with preference for work done in Victoria, or on Victoria.

Scientific Societies, Universities, C.S.I.R.O. and members of the Royal Society of Victoria have the right to make nominations, though the Council need not be limited by these nominations. No posthumous award will be made, and in any one year if no nominee of sufficient merit is presented no award need be made. The person receiving the award may be required to address the Society, in which case expenses shall be allowed.

In order to assist the Adjudicating Committee, the Society requires that each sponsor supply a written statement as to why he believes that his candidate is worthy of the Medal.

Awards will be made as follows:

	<u>Category</u>	<u>Work published between</u>	<u>Closing date</u>
Fourteenth	C	1st Jan., 1969 - 31st Dec., 1974	1st Sept., 1975
Fifteenth	A	1st Jan., 1970 - 31st Dec., 1975	1st Sept., 1976
Sixteenth	B	1st Jan., 1971 - 31st Dec., 1976	1st Sept., 1977
Seventeenth	C	1st Jan., 1972 - 31st Dec., 1977	1st Sept., 1978

Nominations should be made to the Hon. Secretary, the Royal Society of Victoria, 9 Victoria Street, Melbourne 3000.

## RESEARCH VISAS: INDONESIA

University staff wishing to undertake research work in Indonesia should contact the Staff Office on the procedures. The Australian Vice-Chancellor's Committee has advised the Registrar that some difficulties have arisen over the obtaining of visas.

## INTERNATIONAL CONFERENCES

- . 8th International Symposium on the Reactivity of Solids:  
14-19 June, 1976.  
at Gothenburg, Sweden.
- . Vth International Biophysics Congress 1975:  
at Copenhagen, Denmark.

Anyone wishing to obtain further information should write to:

### Reactivity of Solids:

Dr. Claes Helgesson,  
Arbman Development AB,  
S-101 10 Stockholm I  
SWEDEN.

### Biophysics:

C/- DIS Congress Service,  
Knabrostraede 3, DK -  
1210 Copenhagen K,  
DENMARK.

## INTERNATIONAL SYMPOSIUM OF FLUORESCEIN ANGIOGRAPHY

The International Symposium of Fluorescein Angiography will be held next year from March 28 to April 1 in Belgium.

The Symposium will concentrate discussion on fluorescein angiography of pigment-epithelium, choroid and retinal periphery. Participants are invited to submit papers. Anyone wishing to participate should write directly to: The Secretary, International Symposium on Fluorescein Angiography, C/- Holland Organising Centre, 16 Lange Voorhout, THE HAGUE, NETHERLANDS.

## INTERNATIONAL YOUTH SCIENCE FORTNIGHT

A conference for young science students from throughout the world will be held in London from July 30 to August 13, 1975. The conference is being organised by The Council for International Contact, and is open to students from 17 to 22 years of age. The programme includes lectures, visits to research establishments, and science museums, excursions, and tutorials. Details and application forms can be obtained from the Council for International Contact, P.O. Box 818, London, W68 9U.



## TABLE TENNIS

### SUMMER COMPETITION RESULTS

In Division 1, University 2 was twice very unlucky to lose 6-5 to top team Beaton Park A; It was otherwise undefeated and so finished second. University 1 finished third.

The Division 2 competition was extremely close, with the top five teams all finishing with between 10 and 14 points out of a possible 20. University 4 was fourth and University 3, which unfortunately had to forfeit three games due to a shortage of players at certain times, finished fifth.

In Division 3, University 5 only had sufficient players to play for less than half of the competition and finished fifth; University 6 was fourth. In Division 4, University 7, after being second at the end of the first round, dropped back to fifth.

### HANDICAP NIGHT

A successful handicap night was held in the Union Hall on March 18. The winner was L. Prokopf against A. Moqhali (who had 9 start in each set) by 21-19, 15-21, 22-20. Unsuccessful semi-finalists were M. Kerr (who had 15 start) against Prokopf and J. Lising (against whom Moqhali had 9 start). Both matches were also close three-setters.

A separate competition was held for first-round losers. This was won by M. Bunder against P. Castle (who had 5 start), 21-19, 17-21, 21-17.

### WINTER COMPETITION

Anyone interested in playing should contact one of the following: Dr. M.W. Bunder (Maths), J. Lising (Physics), M. Pronk (Student Services), or N.Q. Thoi (International House).

## GOOD START FOR AUSSIE RULES

The University Australian Rules Team has started the season on a good note. In the first match—a social game against Shellharbour—the University side acquitted itself very well to go down by six points. Star of the match was University's Mark Andrews, former Captain of the N.S.W. Schoolboys' team.

The high note for University came on March 23 when it won the final of the knockout competition at Bulli Showground, defeating Wollongong 4-7: 31 to 4-6: 30. The main factor in the win was fitness, as all teams played two hard games before the final. Scores of all matches:

#### First Round

University d. Dapto	24 - 8
Wollongong d. Shellharbour	67 - 12
Port Kembla d. Bulli-Woonona	37 - 29

#### Second Round

Wollongong d. University	27 - 21
Dapto d. Bulli-Woonona	32 - 31
Shellharbour d. Port Kembla	48 - 13

Wollongong was the only team to win both its matches; University qualified for the final on percentage. Judging from the overall team performances, the competition will be very even this year and the standard very good.

(Alan Wolfe)



## ADVERTISEMENTS

### FOR SALE

Norton Commando 750. Completely rebuilt, immaculate condition. Registered. \$925 o.n.o. Enquiries contact Trevor Reidy, Admin. Building, Room G18B, ext. 354.

### BORROWED ITEMS

The person who recently borrowed the lawn-edge cutter and the plastic bottle containing two-stroke petrol from where the gardener was working with them is requested to return these items to the Gardening Department, Engineering Building.

### MOTOR BIKES

The Estate Manager requests that motor bikes should not be parked under eucalyptus trees on the Union lawn. Oil leaking from bikes will kill the trees.

## TELEPHONE DIRECTORY CHANGES

### ALTERED EXTENSIONS

<u>Bldg/Room</u>	<u>Name</u>	<u>Dept. or Office</u>	<u>Ext.</u>
9/G20	Allen, Miss M.D.	Counselling Centre	355
9/G19	Andrews, B.H.	Accountancy	371
	Australian Institute of Management (Mrs. T. Smythe)		235
8/116	Barker, A.J.	Information Office	375/388
8/G11	Barker, Mrs. K.A.	Library	311
18/113	Bolton, Assoc.Prof. P.D.	Chemistry	263
8/101	Browne, Miss L.J.	Estate Division	368
8/110	Bunyan, Mrs. H.	Student Services	363
15/G28	Castle, P.T.	Mathematics	270
4/G02	Charlton, Assoc.Prof. W.H.	Electrical Engineering	221
16/105	Churchill, Mrs. G.	Library	209
	Civil Engineering:		
3/127	Chairman (Prof. C.A.M. Gray)		307
3/134A	Secretary (Mrs. Allen)		307
8/108	Clarke, P.	Student Services	328
8/108	Croxson, Miss A.	Student Services	362
8/110B	Edwards, Miss L.	Central Services	398
18/207B	Faull, Dr. K.	Chemistry	262
8/108	Gilroy, Mrs. J.	Central Services	362
3/134	Gray, Prof. C.A.M.	Civil Engineering	307
18/104	Hall, Dr. F.M.	Chemistry	261
8/108	Henderson, Miss B.A.	Central Services	292
15/G37	Hille, Dr. F.R.	Mathematics	335
	Information Office		
8/116	Information Officer (A.J. Barker)		375/388
8/116	Secretary		375/388
8/116	Assistant Information Officer (G.J. Roodenrys)		375/388
4/G11A	Inglis, Mrs. M.G.	Electrical Engineering	310
8/110	Irvine, Miss K.	Student Services	398
15/G11	Johnston, B.K.	Geology	327
15/228	Kiernan, Assoc.Prof.	History	231
8/120	Kimber, K.D.	Estate Manager	286
18/G02	Land, J.A.	Chemistry	342

## ALTERED EXTENSIONS (CONT'D)

<u>Bldg/Room</u>	<u>Name</u>	<u>Dept. or Office</u>	<u>Ext.</u>
	Library		
16/105	Secretary (Mrs. G. Churchill)		209
16/G05	Reader Services (Miss D.R. Dowe)		329
3/136	Loo, Dr. K.C.	Civil Engineering	229
8/G18A	Mahoney, Mrs. B.	Purchasing	267
8/108	Mahoney, W.	Student Services	337
8/115	Mann, C.	Purchasing	267
8/110	Mirabito, Mrs. P.E.	Student Services	363
	Montgomery, Dr. D.G.	Civil Engineering	330
4/G05	McLean, Dr. K.J.	Electrical Engineering	377
1/123	Patzholz, Mrs. U.	Biology	218
8/G188	Reidy, T.D.	Vice-Chancellor's Unit	354
8/116	Roodenrys, G.J.	Information Office	375/388
8/G17	Ryan, Mrs. V.M.	Finance Office	293
4/G11	Smith, Prof. B.H.	Electrical Engineering	310
8/104	Tubman, G.J.	Staff Office	359
8/G17	Warren, Mrs. B.A.	Finance Office	293
8/108	Whiter, Mrs. H.L.	Central Services	362
8/110	Wood, P.G.	Central Services	363

## EXTENSIONS FOR NEW STAFF

18/224	Akers, P.J.	Physics	284
3/125	Bertoldi, C.	Civil Engineering	225
9/G15	Butow, Miss H.	Education	304
18/207B	Carlsen, N.R.	Chemistry	270
8/108	Coall, Mrs. V.T.	Central Services	292
16/	Coleman, Miss R.	Library	287
8/108	Cowan, Mrs. R.	Central Services	362
T2/4	D'Alton, P.	Sociology	392
8/G11	Dennis, Miss L.	Library	311
8/104	Dill, R.	Staff Office	358
18/216	Duff, Dr. K.J.	Physics	281
15/133	Eliot, I.G.	Geography	246
15/G05	Ellis, R.	Geology	327
8/G11	Endicott, Mrs. D.I.	Library	311
8/G11	Erskine, Mrs. E.	Library	311
T2/9	Evans, Ms. E.J.	Psychology	396
1/125	Fuller, Miss P.P.	Biology	218
15/130	Griffin, Miss K.	Mathematics	279
8/G11	Hanniffa, Mr. M.	Library	311
16/	Hamilton, Miss J.A.	Library	287
T2/1	Horne, C.R.	Sociology	389
1/125	Hulbert, Dr. A.	Biology	218
8/18C	Hyde, E.G.	Vice-Chancellor's Unit	332
3/129	Janisch, Mrs. U.	French	235
4/G02A	Kontoleon, Dr. J.	Electrical Engineering	397
18/G14	Lainela, Miss L.J.	Physics	284
9/G16	Lambert, G.A.	Accountancy	364
3/124	Leal, Prof. R.B.	French	235
1/123	Lee, Mrs. A.	Biology	218
1/119	Lilley, Dr. R. M.	Biology	218
15/113	Longland, K.W.	Bursar's Division	334
15/138	Majer, Mrs. H.	Economics	207
9/G03	Manton, Mrs. M.	Counselling Centre	355
4/G03	Martin, Dr. A.D.	Electrical Engineering	310

## EXTENSIONS FOR NEW STAFF (CONT'D)

<u>Bldg/Room</u>	<u>Name</u>	<u>Dept. or Office</u>	<u>Ext.</u>
3/128	McCarthy, B.N.	French	347
16/	McLellan, Mrs. G.W.	Library	287
8/109	Natalenko, B.	Central Services	387
	Neilson, C.C.A.	Biology	218
16/	Parker, Miss L.M.	Library	287
15/G05	Pavlik, P.	Chemistry	327
15/G05	Pemberton, J.W.	Geology	327
15/103	Powell, Mrs. P.A.	Biology	259
15/113	Rickersey, J.	Bursar's Division	334
8/G06	Smith, Mrs. A.	Central Services	384/360
	Smith, K.E.	Library (Kenny St.)	379
8/G07	Turnbull, Miss M.D.	Registrar's Division	291
6/G25	Watkins, S.E.	Mechanical Engineering	256
8/G11	Woolard, Miss G.	Library	311
15/G26	Worthy, Miss A.L.	Mathematics	269
6/G03	Zylstra, F.B.	Estate Division	257

## DIARY OF EVENTS

### SESSION 1

March 3 to May 11

*May Recess: May 12 to May 18*

May 19 to June 15

*Mid-year Recess: June 16 to July 20*

### SESSION 2

July 21 to August 24

*August Recess: August 25 to August 31*

September 1 to November 2

*Study Recess: November 3 to November 9*

### APRIL 7-18

Art Exhibition in Union, Drawings and Paintings by modern French Artist, Marc Pont.

9

Dept. of English - Kenneth Clark's Civilisation Series.  
Protest and Communication. 12.30pm. Lecture Theatre.

Dept. of Civil Engineering Film Series: The Search for Coal; The Changing City; Ceramics and Electronics.  
Drawing Office, 12.30pm.

The King's Singers, Wollongong Musica Viva Society Concert, 8pm, Town Hall.

10

Applications and Current Issues in Psychology. Health Commission of N.S.W. "Community Health Services in the Illawarra", Room 210, A.C.S. Building, 10.30am.- 12.30pm.  
Executives in Concert, 8pm, Union Hall.

Dept. of English Film Art. The World of Apu, 7.30pm, Lecture Theatre.

11

Sculpture Unveiling by Vice-Chancellor, Dept. of Metallurgy, 3.30pm.

15

Close of Nominations. Second Series of Elections to Academic Units.

16

Academic Senate, 9.30am., Council Room.  
Dept. of English - Kenneth Clark's Civilisation Series, Grandeur and Obedience. 12.30pm. Lecture Theatre.

APRIL (Cont'd)

- 16 Dept. of Civil Engineering Film Series: Submarine Pipeline; Jim Clark 1969 Tasman Champion. Engineering Drawing Office. 12.30pm.
- 17 Applications and Current Issues in Psychology. Mr. Garry Lake (Health Commission of N.S.W.) "Drug Use and Drug Abuse in the Illawarra Region", Room 210, A.C.S. Building, 10.30am. - 12.30pm.
- 18 University Council, 2pm, Council Room.
- 22 Department of Psychology Research Seminar. Dr. R. Rudzats (Dept. of Chemistry, Uni. of Wollongong) "Psychotomimetics and the Development of the Biochemical Concept of Mental Disorder", Room 210, A.C.S. Building, 10.30am.- 12.30pm.
- 22,23 Voting. Second Series of Elections to Academic Units.
- 23 Dept. of English - Kenneth Clark's Civilisation Series, The Pursuit of Happiness. 12.30pm. Lecture Theatre.  
The Dept. of Civil Engineering Film Series: The New Melbourne Airport - Tullamarine; A City Reborn. Engineering Drawing Office, 12.30 pm.
- 24 Significant Developments in Psychology. Dr. Linda Viney (Macquarie University) "Some Mental Health Research: Coping", Room 210, A.C.S. Building, 10.30am. - 12.30pm.  
Dept. of English Film Art. The Adversary plus Satyajit Ray. Director: Ray. 7.30pm. Lecture Theatre.
- 25 Anzac Day.
- 29 Rock Folk Concert, with Paul Pulati, 8pm, Union Hall.
- 30 Dept. of English - Kenneth Clark's Civilisation Series, The Smile of Reason. 12.30pm. Lecture Theatre.  
Dept. of Civil Engineering Film Series: Offshore Oil Search; Elements facing Elements. Engineering Drawing Office, 12.30pm.

MAY

- 1 Applications and Current Issues in Psychology. Mr. Jim Jupp (Macquarie University) "Demonstration micro-lab", Room 210, A.C.S. Building, 10.30am. - 12.30pm.  
Dept. of English Film Art. Company Limited. Director: Ray. 7.30pm. Lecture Theatre.
- 2 Graduation Ceremony.
- 7 Dept. of Civil Engineering Film Series: Flood Control and Water Conservation; The End of the Beginning. Engineering Drawing Office, 12.30pm.
- 8 Applications and Current Issues in Psychology. Mr. David Brigden (Macquarie University) "Application of learning procedures to the treatment of stuttering", Room 210, A.C.S. Building, 10.30am. - 12.30pm.
- 9 Academic Assembly, 2pm.
- 12 May recess begins.
- 14 Academic Senate, 9.30am, Council Room. Senate Elections, unless Senate otherwise determines.
- 16-18 Regional Conference of N.S.W. Association of University Women Graduates (Illawarra Branch). Theme: "Woman's Image".

MAY (Cont'd)

- 18 May recess ends.
- 21 Dept. of Civil Engineering Film Series: Approach to Prediction of Earthquakes; Great Barrier Reef. Engineering Drawing Office. 12.30pm.
- 22 Significant Developments in Psychology. Dr. Don Diespecker (Dept. of Psychology, Uni. of Wollongong) "Bisensory Presentation of Data", Room 210, A.C.S. Building, 10.30am. - 12.30pm.
- Dept. of English Film Art. Tales of Ugetsu. Director: Mizoguchi. 7.30pm. Lecture Theatre.
- 27 Don Burrows Quintet, including George Golla, 8pm. Union Hall.
- 28 Dept. of Civil Engineering Film Series: The Corin Dam; Snowy '69 - Transmountain Breakthrough; Game Fishing in Ireland. Engineering Drawing Office. 12.30pm.
- 29 Applications and Current Issues in Psychology. Mr. Malcolm Dickson (N.S.W. Department of Education) "Counselling Service in N.S.W. Department of Education", Room 210, A.C.S. Building, 10.30am. - 12.30pm.
- Dept. of English Film Art. Throne of Blood. Director: Kurosawa. 7.30pm. Lecture Theatre.

JUNE

- 4 Dept. of Civil Engineering Film Series: The Dawn of an Industry; The Pedestrian Strikes Back. Engineering Drawing Office, 12.30 pm.
- 5 Applications and Current Issues in Psychology. Mr. John Freestone (Dept. of Psychology, Uni. of Wollongong) "Whither goest Psychology?", Room 210, A.C.S. Building, 10.30am. - 12.30pm.
- Dept. of English Film Art. Diary of a Shinjuku Thief. Director: Oshima. 7.30pm. Lecture Theatre.
- 9 Trio Concertante. Wollongong Musica Viva Society Concert, 8pm. Town Hall.
- 11 Dept. of Civil Engineering Film Series: A Milestone to Progress; Operation Mud. Engineering Drawing Office, 12.30pm.
- Academic Senate, 9.30am. Council Room.
- 12 Significant Developments in Psychology. Ms. Evelyn Evans "Sleep Research", Room 210, A.C.S. Building, 10.30am. - 12.30pm.
- 16 Queen's Birthday. Mid-year recess begins.
- 17 A.V.C.C. Meeting. Lecture Series: Professor D.P. Derham.
- 27 University Council, 2pm, Council Room.

JULY

- 9 Academic Senate, 9.30 a.m. Council Room.
- 20 Mid-year recess ends.
- 21 Session 2. Lectures begin.

AUGUST

- 1 University Day.
- 4-8 Commem. Week
- 8 Commem. Ball, 8pm, Town Hall.

AUGUST (Cont'd)

- 5 Quartetto Beethoven di Roma. Wollongong Musica Viva Society Concert. 8pm, Town Hall.
- 12 Academic Senate, 9.30am.
- 16 Open Day.
- 25 August recess begins.
- 29 University Council, 2pm, Council Room.
- 31 August recess ends.

SEPTEMBER

- 5 Union Annual Dinner.
- 10 Academic Senate, 9.30am, Council Room.

OCTOBER

- 6 Eight Hour Day
- 8 Academic Senate, 9.30am, Council Room.
- 10 Academic Assembly, 2pm.
- 15 Lecture Series: Professor R.I. Downing.
- 31 University Council, 2pm. Council Room.

NOVEMBER

- 2 Session 2 ends.
- 10 Examinations begin.
- Warsaw Philharmonic Chamber Orchestra. Wollongong Musica Viva Society Concert. 8pm. Town Hall.
- 12 Academic Senate, 9.30am, Council Room.

DECEMBER

- 17 Academic Senate, 9.30am, Council Room.
- 19 University Council, 2pm, Council Room.

ITEMS FOR DIARY

Students and staff are invited to submit items for publication in the Diary.