



THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

A WEEKLY INFORMATION SHEET

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Distributed each Friday.

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Maths Community Service Initiative

The Department of Mathematics has taken an interesting step in creating the Wollongong Study Group with Industry, another example of the University contributing to the problem solving capacity of the region.

Professor John Blake reports that the format of the meeting is based on the successful Oxford Study Group with Industry meeting which has been held annually at Oxford for the last 15 years. The plan for the meeting will be for the problems to be described in a brief presentation at the beginning, afterwards splitting into two groups (the O.R. group and the Physical Modelling group) to discuss the problems in much greater depth in a workshop environment. The meeting will conclude with a summary session in which the main results and conclusions of the day's activities will be presented.

The first meeting will be held on Friday, 26 November, from 9.30 a.m. to 5.00 p.m. in Rooms 204 and 206 in the Mathematics Department.

Readers who plan to attend the meeting, should phone the Secretary of the Mathematics Department, Mrs

Kerrie Gamble (042) 282878, notifying her of attendance. At the same time, they should indicate if they will be attending the Barbeque in the Sports Pavilion for which there will be a small charge (\$2.00).

Programme:

- 9.30 Introduction - Professor John Blake
- 9.40 Non-linear problems in Linear Programming - Mr Bob Hinch, Investigation Engineering, AI&S
- 10.00 Making the maximum number of assignments - Mr Steven Taylor, Investigation Engineering, AI&S
- 10.20 (i) Stresses induced in a coiled strip
(ii) The heating of a painted strip in an oven - Dr Charles Elin, John Lysaghts
- 11.00 Morning Tea
- 11.30 Workshop Session
Rm. 206 - Hinch, Taylor problems
Rm. 204 - Elin problems
- 12.30 Lunch - Barbeque, Sports Pavilion
- 1.30 Workshop Session Continues
- 4.00 Summary Session

Preventing a Scientific "Dark Age"

The future direction of Australian research - scientific, technological and social - will be discussed at a forum at the University of Melbourne on Friday 3 December. Those interested should ring Cindy Hogan on (03) 347-1927.

Senator Peter Baume, Commonwealth Minister for Education, will open the forum. The forum, Future Directions for Australian Research, is organized by the Council of Australian Postgraduate Associations. It will begin at 2.00 p.m. in Queen's College.

Speakers will include Mr Barry Jones, MP; Mr Campbell Coe, Director of Research, BHP Melbourne; Mr Jim Hyde, CAPA; and Professor Ray Martin, of the Australian Vice-Chancellor's Committee Research Committee and Vice-Chancellor of Monash University.

Research workers in industry and government and postgraduate students from all over Australia will attend.

Mr Russell Jacobs, President of CAPA, announcing the forum, said that research activity and training in Australia was at a critical stage.

"In the present economic climate, with reduced funding for research in all sectors, there is a major concern that the nation's research capacity will be weakened in

the next 10 years.

"I hope that this forum will highlight the needs of the research worker in training - the postgraduate student."

Mr Jacobs said the higher education sector was responsible for about 22 per cent of Australian research expenditure. It carried out the major part of the basic research - and 40 per cent of university research was carried out by postgraduates.

Mr Jacobs said: "Basic research is an integral part of the nation's development. It provides the foundation of knowledge upon which applied research and experimental development are based.

"In the universities there is an intelligent, readily available pool of people anxious for training and ready to serve.

"I hope the forum will help to formulate policies which will nurture this valuable national resource.

"Without continuing support for postgraduate students Australian research - scientific, technological and social - may well face a new "dark age" in which we become dependent on overseas sources for ideas and innovation", he added.



Campus Community Interface

GRADUATES REUNION

About seventy people attended the first graduates reunion on Friday, 12 November. A great night was had by all and Phillip Brown of Parramatta won the Chairman's Prize of a bottle of Madeira wine for bringing the largest number of people with him to the Reunion (eleven in all).

Professor Chipman moved a toast to the Graduates. He gave a personal view of developments in the University over the last five years, and emphasized the important role of the graduates in supporting the University, and in electing some of the members of the Governing Body of the University.

Ald. Keith Phipps, the Chairman of the Graduates Group within the Friends, moved the toast to the University. In doing so he outlined the Graduates Group programme of support for the University.

Membership of the Group is \$10 p.a. or \$40 Life Membership. Members are posted "Campus News" fortnightly, together with a variety of information about the University, and they are invited to a number of University functions. Ald. Phipps expressed the hope that more academic staff would begin to see the potential value of the graduates group soon, and that they would get behind it; especially those departments that already have strong links with their graduates but which are poorly represented in the Graduates Group and the Friends.

Ald. Phipps warmly welcomed the following new members to the Friends on the night of the reunion.

Michael Askew, Mt Keira; Phil Brown, North Parramatta; Joanne Collison, Lakemba; Christopher Diment, Corrimal; Des Jamieson, Wollongong; Neil Marrott, Canberra; Victoria Potter, Lithgow; Tim Turnbull, North Parramatta; Graeme Watchirs, Wollongong.

WALTERS FOR TOWN V GOWN CRICKET MATCH

This year's Town v Gown Cricket Match will be held on Thursday, 9 December, at Stuart Park.

Doug Walters has agreed to be the celebrity player for the Gown side, and Steve Rixon will keep wicket for the Town.

The limited over match will begin at 10 a.m. and finish at 4 p.m. The Union is catering for the event, so don't bring an esky or a picnic. Everyone and everyone's friend is welcome.

DOREEN'S PARTY

Date: Thursday, 2 December.
Venue: Union Hall
Time: 6.30 p.m.

For \$10 admission you will be getting great value: entertainment by Theatre South, the University Singers and the Zagreb Croatian Folklore Group.

Pre-Dinner Drinks 6.30 p.m.
Christmas Buffet 7.00 p.m.

Tickets from Union Office.

General Notices

CHILDRENS' CHRISTMAS TREE

The University Childrens' Christmas Tree Party will be held on Saturday afternoon, 20 November at 1.00 p.m. and we would like once again to raffle a Christmas hamper to raise funds for the party. We would appreciate any donations towards the hamper. Goods to be left with Lionel Ransley at the Printery or Flora Hutchison, Central Registry Administration Building as soon as possible. Tickets will be 20 cents each or 6 for \$1.

CALENDAR OF MEETINGS

The Academy of Science's Calendar of National and International Scientific Meetings is available from the Friends Office in the Hut.

NEW DAM

Having completed the construction of a reinforced concrete dam across the creek adjacent to the builders' storage shed and having excavated and levelled several thousand tonnes of earth, the Engineering Department are anxiously awaiting rain. Not just your casual shower but nice, heavy rain for several weeks. It will take this to produce the 5000 K.litres which Peter McNamara estimates it will take to fill the resultant lake, give or take a litre or two (due to displacement by fish etc.)

This lake will act as a beautiful back-drop to the proposed amphitheatre on the south bank and will also tidy up an otherwise marshy and weed-ridden area.

UNDERGRADUATE LAW IN LONDON

A booklet on undergraduate law at the University of London is available from the Friends Office in the Hut.

THEATRE SOUTH BUILDING FUND

Charity Evening: \$15 a head.

There will be a fashion parade, featuring Donna Marisa Borghese's 'Italian Summer Collection', on Wednesday, 8 December at Glenniffer Brae.

Drinks and savouries will be served at 7.30, followed by the Fashion Parade at 8.30. The evening will conclude with a buffet supper.

Cost per person including food and drink \$15. Orders for tickets may be addressed to Doreen Turnbull, Friends Office, The University of Wollongong, P.O. Box 1144, Wollongong, or telephone 282428.

Concerts, Exhibitions and Entertainment

ALEXANDRA STENDER CONCERT DEBUT

On Saturday, 20 November, at 8 p.m. the City of Wollongong Symphonic Orchestra conducted by John Wayne Dixon will present a programme of music by Macdowell ("To a Wild Rose"), Max Bruch (Violin Concerto in G minor) and Beethoven (Symphony No. 3 "Eroica").

The soloist in the concerto will be 15-year-old Wollongong schoolgirl, Alexandra Stender who this year won first prize in the "Illawarra Mercury - Wollongong Eisteddfod Society Command Performance, and held the Illawarra Mercury Scholarship for violin studies at the University Conservatorium of Music.

Max Bruch, a 19th Century German composer, wrote the violin concerto for the famous violinist Joseph Joachim and it has remained as a favourite concerto with both audiences and violinists. A work of great tonal beauty, it combines drama and grandeur with a wealth of melody and underlying pathos.

The concert is in the main auditorium of Wollongong Town Hall. Tickets \$6, Concession \$4. Bookings at Jurgens Pianos and Organs, 232 Keira Street, Wollongong, phone 292379.

CHRISTMAS EXHIBITION BY GRAHAM GALLERY

14th November to 18th December at Graham Gallery, 135 Cordeaux Road, Kembla Heights.

Preview: 11 a.m. 1st November.

Paintings, ceramics, sculpture, screenprints, mezzotints and Victorian handmade dolls.

Works by artists:

Joan Meats, Karl Preuhs, Gino Sanguineti (W'gong); Irene Amos (Brisbane); Isabel Bunting, Lorraine Holmes, Ian Henderson, Robert Parr, Bronwyn Roodenrys (Canberra); Gillian Grigg, Anne Adams, Dennis Adams (Sydney); John Edwards (Nowra); Howard Jones, Norma Sharman, Janet Smith, Edwina Marsh, Coralie Barr (W'gong).

Scholarships and Prizes

Details on all the scholarships and prizes below are displayed on the Campus News Notice Board situated at the southern end of the Hut.

St. Johns Benefactor's Studentships for Research College, Cambridge

Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated at the southern end of the Hut.

Hahn & Kolb Sales Engineer
Yagoona, NSW

Murdoch Professor of Chemistry

Adelaide
Tutors in Computer Science
Lecturer in Economics
Lecturer in Commerce (limited term)
Snr. Lecturer in Mechanical Engineering (limited term)
Tutor in Economic Geology
Director of the Research Centre in Women's Studies
Tutor in Applied Mathematics
Research Assistant in Economics
Temporary Lecturer in Politics
Lecturer in Genetics

James Cook
Professor of Accounting
Senior Lecturer of Accounting
Lecturer in Commercial Law

Macquarie
Tutors in Behavioural Sciences, History, Philosophy, Politics and Law
Temporary Lecturer in Anthropology

Sport

CRICKET CLUB FUNDRAISING

The University Cricket Club faces a major item of expenditure this season because of the need to construct a fence around our new oval. This ground will be of considerable benefit to the club both to first and second graders, for whom it will be home turf, and to lower graders who will in future play at Teachers College oval rather than University Oval.

The committee feels that the most effective way to raise the finance necessary to build the fence is to have a single major fund raising project to which all members can contribute. To this end the committee has decided that a raffle of a video recorder should be conducted. For this raffle to raise the desired amount of money (\$2000) we will need maximum support from you.

Geoff Bailey and Geoff Mettam have the task of organising this project and they will be selling tickets up to Saturday, 18 December, 1982. Provided all the tickets have been sold the draw will take place during an "after the match" B.B.Q. on that date.

Advertisements

BLACKSMITH SUBSCRIPTIONS NEEDED

The next edition of "Blacksmith" will tackle the theme "Illawarra - The Cinderella Region?"

Have you got your subscription in for this controversial issue?

Enquiries to Ron Pretty on 282243.

LION'S CHRISTMAS CAKES

As in past years these are now available at \$4.50 each from Bill Trueman, ext. 425. Buy now or place an order for December. Thanks for your support of the Deaf and the Blind.

HOMES, UNITS, FLATS

Applications are now being accepted for furnished accommodation for the 1983 academic year.

Phone Don Cameron Property Management, 30 Market Street (next to Bistro). Phone 280455.

TO LET

Austinmer: fully furnished house; three bedrooms, rumpus room, garage. Three minutes from railway station. Available from mid-January to early July. Phone ext. 834 or 67.2337.

TO LET

North Wollongong: 3 bedroom modern unit with lock-up garage. Lovely ocean and mountain views, easy walking distance from beach and town, only 5 minute drive from Uni.

Available from mid-November. \$89/week.

Phone Lynn Maxwell ext. 981 or private on 28.6173.

FOR SALE

Architect designed house in secluded bushland setting. Three bedrooms, large rumpus room, study area. Close to University - \$89,000 o.n.o. Phone 284247.

FOR SALE

Renault R12 Sedan, 1971. New clutch; reliable; suit Camira buyer wishing to save money. \$1,150. Contact Keith Gaymer, Library, ext. 887 or 615803 a.h.

INFORMATION WANTED

Information wanted from any witness to an accident which occurred on Monday, 8 November, 1982, between 5 p.m. and 7 p.m. The car involved belongs to a student and was parked on the roadway opposite the Institute Administration Building. The car damaged was a white golf, and the other car, after causing considerable damage, drove away. Anyone seeing this unknown car (perhaps white) please contact either Faye Franklin or Trevor Brew at the Institute.