



Distributed each Tuesday

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Clement Lloyd appointed Professor of Graduate School of Journalism

Clement Lloyd has been appointed Foundation Professor and Head of The University of Wollongong's Graduate School of Journalism.

Prominent journalist, author, political adviser and academic, Dr Lloyd was selected from an outstanding group of applicants, including top media personalities and senior academics, from Australia and overseas. His works include *Kerr's Kinghit!* (with Andrew Clark) and publications on urban and regional development and professional journalism.

He was chosen because of the scope of his achievements across the fields of communications and academia and because of his commitment to the training of journalists from his own specialist knowledge as well as in core training in the techniques of modern practical journalism.

Dr Lloyd is currently senior Research Fellow in the Urban Research Unit, Research School of Social Sciences at the Australian National University. He has had wide senior journalistic and editorial experience and has worked on the *Australian Financial Review*, *Sydney Morning Herald*, *Sydney Daily Mirror* and *Melbourne Truth*.

He has been Press Secretary and Principal Private Secretary to senior politicians including Bill Hayden, Tom Uren, Lance Barnard and Senator Ron Willesee.

Dr Lloyd commented on his appointment, 'As this is only one of two chairs in Journalism that have been established in Australia it is an honour for me to be offered the position at The University of Wollongong. There is much to be done to break down the traditional barriers against academically trained journalists although they have proved that they can flourish.

It will be a challenging task to establish the necessary resource base and develop innovative and imaginative courses with a strong vocational orientation, while still preserving an emphasis on ethical and theoretical issues. We plan to introduce a strong emphasis on research, a direction which has not been taken by other institutions.

The overall vigour and imagination of The University of Wollongong will harmonise well with the approach I want to take. Journalism is going through a difficult period; morale is low. I am confident that academic training will raise journalistic morale and public esteem and confidence.'

Special Graduation Ceremony

A Graduation Ceremony will take place at 10 am on Friday December 8 in the Union Hall. The Chancellor, Mr Justice Hope, will confer postgraduate degrees on successful candidates and three honorary higher degrees of Doctor of Letters.

The honorary degrees will be conferred on three former Prime Ministers – Sir John Gorton, Mr Michael Somare and Mr Gough Whitlam.

The University is honouring this distinguished trio for their accomplishments during a period which saw the emergence of a strong sense of national identity both in Australia and its near neighbour, Papua New Guinea.

Queries regarding the ceremony should be addressed to Trevor Cuthbertson, ext. 3928, or Moira Bowman, ext. 3360.

The University has established the School of Journalism at graduate level because of a belief that the demand in future will be for better-trained journalists than at present.

The City of Wollongong has three television stations, three radio stations and two newspapers, all close to the University. All these organisations will work in with the Graduate School of Journalism to create a living laboratory in which students will have first-hand experience in these branches of journalism.

The first intake into the masters program will be in the second semester 1990.

General Notices

More strength to community co-operation

The Pro Vice-Chancellor Professor J.L.C. Chipman received a presentation from Wollongong Police on Thursday November 16. The presentation was made in recognition of Professor Chipman's contribution to a course for First Line Commanders conducted recently. Issues discussed by Professor Chipman during the course included community perception and what the community really wants from its Police Force.

Members of the Police Force have long been students in various courses (for example, Management) of the University. This common link has formed the basis of a professional relationship which has seen lasting benefits to the community.

With the introduction of a Law Faculty in 1991 at the University, it could be that some members of the Police Force might take advantage of this opportunity to gain specialised knowledge locally.

In addition to an academic relationship, the Police Force work closely with members of the University to ensure a secure and safe environment on campus. A committee consisting of the Vice-Principal Administration (Mr Ken Baumber) who is the Chairman, Professor Chipman, University Administration and Security and Police Force members meet regularly with a view to anticipating possible security problems on campus. The relationship which exists between Police and the University ensures that community standards are maintained at the highest possible level.

Childcare Centre

The University has two forms of childcare available and demand for these services is high. An application form for a place should be collected, filled out and returned to the centre. The two services and their relevant details are:

Kids Uni –

A 60-place multi-purpose childcare centre on campus, the centre provides care for children of staff and students in either full-day or half-day blocks. An educational pre-school program is provided during the day for children to the age of five. After school and holiday care are available for school children up to 12 years. Fees are means tested. The centre is open all year, including Summer Session. Occasional care, part-time care and emergency care are also available.

University home based care –

This new service provides supervision for children in a selected home setting. A Human Development Officer works with the staff at Kids Uni to service the scheme. This involves regular visits to the homes of care-givers with advice and educational activities. Full-time, part-time, before and after school care and emergency care are available. Home Based Care is available for targeted students attending Wollongong University.

Twenty new childcare places will be reserved for the children of students involved in

- University preparation courses
- Special admissions programs
- Summer session bridging courses

as well as

- Aboriginal students
- Needy students, identified by support personnel

For information contact Trudy or Lorraine at Kid's Uni. Phone 27 0072.

UNESCO Report on Information Technologies

Neil Hall from the School of Policy and Technology Studies in Education, in conjunction with Mike Lally from the University of Western Australia, is finalising a report on education and informatics commissioned by UNESCO. The focus is on a range of issues related to the use of information technologies in education in Asia and the South Pacific.

The report provides details of unifying and diversifying characteristics of countries within the Asia and Pacific region, an account of experiences in education and information technologies typical of the region and information about existing co-operation in regard to informatics within and outside the region. An important part of the report is an analysis of needs, possibilities and conditions for future co-operation on matters relating to the use of computers and information technologies between different countries in different stages of development.

The report will form part of a book entitled *Education and Informatics Worldwide: State of the Art and Beyond* to be published by UNESCO in 1990. For further information on this subject Neil can be contacted on ext. 3863.

Management effectiveness

An innovative Management Program will be held at the Illawarra Technology Centre on December 11, 12 and 13, 9 am to 5 pm, and will cost \$195. The Program will concentrate on 'Managerial effectiveness' and 'Leading your work team'. For further information telephone (042) 26 8888.



Community Co-operation

Senior Constable, Robert Blissett, District Staff Officer, Personnel, Brian Smith making the presentation to Professor Lauchlan Chipman, and Senior Constable, Charles Pasfield

Editor of *Nature* visits University

John Maddox comes to Wollongong

On a recent trip to Australia, John Maddox, the Editor of *Nature*, came to visit Dr Ted Steele of the Department of Biology. At a friendly meeting over lunch at the Bistro with Dr Steele and his wife Robyn, Mr Maddox put an end to a bitter and protracted dispute dating back to early 1981.

In 1979-81 Dr Steele and his colleague, Dr Reg Gorczynski (then of the Ontario Cancer Institute at the University of Toronto), were embroiled in a controversy concerning theoretical and experimental work in mice on the possibility that Lamarckian modes of acquired inheritance exist in the immune systems of higher vertebrates (*New Scientist* 1981 90 : 360). At that time many considered the observed paternal transmission effects implausible and in conflict with accepted genetic theory. John Maddox's judgement was that Steele and Gorczynski's work was therefore wrong and should be ignored (*Nature* 1981 289 : 631).

Over the past year the controversy erupted again (*Nature* 1989 337 : 101) in the wake of plagiarism allegations by Steele in a contentious priority dispute with Professor John Cairns and colleagues of Harvard University. Steele claimed they used very similar genetic 'feedback' models without acknowledgement to explain their acquired inheritance phenomena in bacteria. This dispute, while relevant to the earlier acquired inheritance work with Gorczynski, focused particularly on theoretical ideas Steele published with Dr Jeff Pollard in 1987 (*Molecular Immunology* 24 : 667). More recently Dr Steele and



Dr Ted Steele, Senior Lecturer, Department of Biology, and John Maddox, Editor of *Nature*, after burying a hatchet and a bottle of Wynn's Coonawarra Hermitage 16 November 1989. Accompanying Ted is his wife Robyn who is General Manager of the Illawarra Information Technology Centre

Professor Cairns agreed to resolve the matter by publishing a joint letter in *Nature* (Vol 340, p 336, 3 August 1989).

Dr Steele is delighted that the dispute has been finally resolved – and on such congenial terms.

Friends of the University

1989 Valedictory Dinner

Departments of Accountancy, Legal Studies and Management

Date: December 1

Venue: Cleo's, 16 Burelli Street, Wollongong

Dress: Formal

Tickets: \$25 from: Department of Accountancy Secretary

Sponsors: Doug Symes, BNZ Norths – Sydney Stock Exchange, Kent Wilson, Roach & Co Ltd – Melbourne Stock Exchange, Coopers and Lybrand, Jago & Co, Peat Marwick Hungerfords, Touche Ross & Co, Wideform Constructions Pty Ltd

This dinner, held every year to farewell the graduating students, is always a great success. So come along, have a great night and make this year's dinner the best yet.

Media independence in the Australasian region

A one-day conference organised by the Communications Law Centre with assistance from Australian National Commission for UNESCO, Australian Journalists' Associa-

tion, Evatt Foundation and the Human Rights Centre, UNSW, on Saturday December 2, 8.45 am to 6.30 pm, Merewether Building, University of Sydney.

Mr Gough Whitlam will deliver the keynote address. The conference will review the media in four selected countries, and examine the broader issues facing media in the region. It will also examine Australian reporting of regional issues.

Cost \$100, students \$40.

For further information and registration forms contact Bronwen Turner (02) 663 0551.

AVCC News

Costing of Research Projects

On 19 September 1989 the Australian Vice-Chancellors' Committee resolved to adopt a formula for the costing of research projects as outlined in a document entitled *Costing of Research Projects*. The document had been developed by the AVCC Standing Committee on Research following extensive consultation with the universities. The AVCC also resolved to recommend that the universities adopt the costing formula when costing future research projects. Copies of the document have been sent to Deans and Heads of Departments.

Release of Session 2 examination results

Session 2 examination results and 1990 re-enrolment information will be posted to each student's registered home address on Monday December 18.

Students should ensure that the University has their correct home addresses before December 1.

Students should note that examination result notices will not be available for collection and information concerning examination results will not be given by telephone.

However, the results will be displayed in the Pentagon on Monday, December 18, from noon to 6 pm.

Students who have not paid outstanding charges to the University, such as library fines, student loans and other charges, by Friday December 8, will have their examination results withheld. Where outstanding charges are paid after December 8 results will be available on Tuesday 2 January 1990.

Students who will satisfy the requirements for a degree or diploma at the end of session 2 1989 must submit an Application for an Academic Award by November 30 if they wish to participate in the May 1990 Graduation Ceremonies.

K E Baumber, Vice-Principal (Administration)

Superconductor Conference

The second Australian Superconductor Conference will be hosted by the Australian Nuclear Science and Technology Organisation and The University of Wollongong and take place at the University on December 12 to 14.

Conference Patron is Professor J.M. Bennett

Among the keynote speakers will be Nobel prizewinner Kenneth G. Wilson of Ohio State University

Are you computer literate?

The University requires all students who first enrolled in an undergraduate course in 1989 to be computer literate before graduating.

Students who successfully complete one of the following:

Computer Science	CSCI111
Education	EDTL101
	EDTL102
Electrical & Computer Engineering	ELEC132
	ELEC133
	ELEC135
	ELEC191
Mechanical Engineering	MECH122
Information Systems	AICA111
	AICA113
Mathematics	MATHS141
English	GENE114:

Computers and the Arts (A summer Session subject) and On-Line Library Catalogue Training (Refer to the Library) satisfy the literacy requirement.

Other students should enrol for a two-hour course and literacy test by contacting Carole at Computer Services Reception (ext. 3850) - for a course using the IBM-compatible P.C. - or Nola at Apple Consortium on the first floor of the Library (ext. 3775) - for a course using the Macintosh. The cost of each course is \$35.

Christmas cheer

The University of Wollongong Club

The Club will be holding a wine tasting and Christmas party in the clubroom on Friday December 15 at 7.30 pm. Cost \$5 a head. RSVP December 7 Maree Fryer, ext. 3413, Bob Colvin, ext. 3317, Ted Ross, ext. 3942 or Flora Hutchison, 612372.

We extend an invitation to all members, husbands, wives and friends to join us for our final function for the year. The clubroom is situated upstairs in the Union building adjacent to the Bistro; and for those members who have not been to the Club we ask that you take the opportunity to visit it in the near future and sample the facilities provided for members.

The Club needs your continuing support and we look forward to seeing you on December 15.

Flora Hutchison, Hon. Secretary

Illawarra Committee for Overseas Students

ICOS has organised a Christmas party for overseas students and their families at 10.30 am, Stuart Park, on Monday December 4. The cost will be \$2 for adults, children under 12 are free.

Tickets are available from Mrs Wendy Jabri at the ICOS desk in the Administration Building on Tuesday, Thursday and Friday from 9.30 am to 2 pm. Telephone 27 0216, or ext. 3216.



Here we come a-wassailing...

The University Singers present their 1989 Christmas Concert, *Wassails and Lullabies*, at 8.15 pm on Wednesday, December 6 in the new University Performance Space. The concert takes its title from a new work commissioned by the choir from Andrew Ford, with financial assistance from the Australia Council.

Taking a number of medieval texts and melodies, the cycle is composed for solo voices, choir and percussion, and combines the vigour of wassailing song (originally sung to toast the arrival of the new year) with the charm and lyricism of cradles songs for the infant Jesus.

In keeping with these themes, the remainder of the program draws on many traditional carols that expand on the ideas of wassailing and lullabies, and includes music by Richard Rodney Bennett, William Byrd and Vaughan Williams.

Several traditional medieval carols, along with familiar carols for audience participation, complete this attractive program. Tickets at the door.

Cancer Council benefits from auction

The Great Australian Tie Auction, held at Sydney's Powerhouse Museum, raised \$44,000 for the Cancer Council. Among the successful bidders for the later lots, Doctor of Philosophy Harry Beran's son Stephan, who bought Ice House rock singer Iva Davies's spotted tie for \$15, and the elephant paperweight from the United States presidential election campaign which Bush lost in 1972, for \$10. Dr Beran paid \$15 for crime writer Dick Francis's navy-blue striped tie which saved it from being left on the rack.

Centre's World Bank Connection

Occasionally the Centre for Transport Policy Analysis answering machine comes up with a surprise; and the message, direct from the World Bank in Washington one morning in October, asking the Centre to return the call, was one such surprise.

The Bank had learned of the Centre's expertise in maritime matters and of its interest in ASEAN and Asian port and shipping developments. It wanted to know whether the Centre could, and would, undertake a study to assess the impact of a range of deregulation measures imposed by the Indonesian government on its maritime sector.

In the event, the Centre proposed that Dr Ross Robinson, Director of the Centre and an expert in the field of port development in Asia, and Dr Howard Dick, a Senior Research Associate of the Centre working on the University of Newcastle campus and an expert in Indonesian shipping (his book *The Indonesian Interisland Shipping Industry* was published in 1987), undertake the study. The Bank agreed – and the study will be completed in late December, with presentation of findings in Washington early in 1990.

In the 1980s Indonesia experienced a severe deterioration in its external terms of trade, mainly as a result of the substantial fall in oil prices. In response, a combination of strong macro and micro-economic policies were introduced with great emphasis on the stimulation of non-oil/gas exports. A complex and pervasive regulatory framework imposed, however, extraordinary barriers to efficiency in the ports and shipping sector. In April 1985 and later in November 1988 decisive action was taken by the Indonesian government to dismantle this framework. Ports were opened to international shipping and, among other things, cargo tariffs were reviewed and customs procedures streamlined. Licensing requirements for the operation of shipping and relaxation of controls over entry, service and vessels for domestic and foreign shipping were simplified.

The Centre's project is designed to assess the impacts of these developments; and clearly it will have significance for further policy developments and for the Bank's maritime sector investment policies.

Final Judging of Creative Design Competition

This year 12 design groups of first-year mechanical engineering and chemical engineering students have been working on various design problems for the whole of Session 2 as competitors in the Creative Design Competition, organised by the Department of Mechanical Engineering.

Preliminary judging has been carried out and the four groups listed below have qualified as finalists in the Department's annual competition. The finalists will present their designs on Friday December 1 at a public meeting in the Pentagon at The University of Wollongong at 7.30 pm.

Group 2: A. Anderson, A. Bowell, A. Job, R. Dietrich
submitted, Tek-Lift – A chair to help people to stand

Group 3: D. Ballard, G. Bushel, S. Davis, J. Harvison,
J. Welsh
submitted, The fencer's friend

Group 9: B. Fuller, R. Lucchini, M. Oates, M. Pogson
submitted, The aqua fitness machine

Group 11: P. Cable, S. Lucchini, D. Scott, A. Towers
submitted, pool access for the disabled



Dr Howard Dick (far right) and Dr Ross Robinson (second from right) with senior port administrators at a briefing session in the Port of Surabaya, Indonesia, in October

The four judges who will assess the finalists are:

Mrs Elizabeth Hilton, Schools Liaison Officer, The University of Wollongong; A. Prof. Noel Kennon, Dean of Engineering in the University, Mr Jim Pearce, Regional Manager of the South Coast Centre, Australian Chamber of Manufacturers; and Mr Ian Thomas, Works Manager Port Kembla, BHP Steel International - Sheet & Coil Products Division.

The final judging is a public meeting, open to any person who would like to attend. Supper will be served.

For further information contact Dr R.T. Wheway, Deputy Head, Department of Mechanical Engineering (042) 270052.

Expert system prizewinner

Shirley Corrent, who graduated from Wollongong University with Bachelor of Information Technology and Communications Honours), the University's first graduate in the degree, now works for OTC's Information Centre. Shirley was judged to have made the best of 15 presentations to the 1989 Australasian FUSE Conference held recently in Melbourne.

The three-day conference was attended by more than 50 FOCUS users, and OTC team, represented by Shirely, Richard Chau, Marcelle Chan and Allan Lawson, presented two papers on the use of an Expert System shell called LEVEL5. Expert Systems technology represents a new strategic direction in information processing and the pioneering work being performed at OTC will offer significant potential benefits.

Shirley's prize is to represent Australasian FOCUS users, and present her paper, at the 1990 FUSE Conference in Boston, USA.

Retirement of Joe Lemme

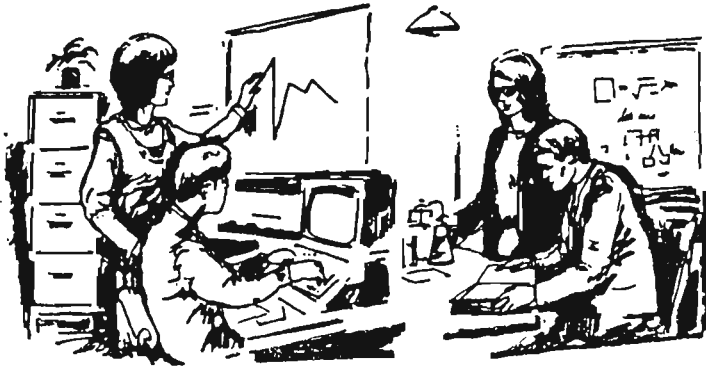
Joe Lemme is retiring from the University after 18 years. He has become well known to most of us over this time as Cleaning Supervisor.

To farewell Joe there will be a barbeque for all his friends and colleagues on Thursday December 14 at 12.15 pm in the University Bistro Beer Garden.

The cost — \$6 a head — includes sausages, steak, three salads, bread, onions, etc but does **not** include a contribution towards a farewell gift. Drinks have not been included from the price but will be available at the bar.

If you would like to come RSVP to Susan Gardner, Financial Services, by Friday December 8. Donations towards a farewell gift for Joe can also be included.

Enquiries to Ron Robertson, ext. 3916 or Susan Gardner, ext. 3919.



Staff Roundup

Recreation & Long Service Leave Applications

As it is approaching the time when we are all considering taking leave at Christmas, General Staff are reminded of the following conditions relating to Recreation and Long Service Leave Applications.

1. Only staff who belong to the FMWU or are proceeding overseas on leave are entitled to Pay-in-Advance.

Those proceeding overseas and wishing to be paid in advance should attach to their leave applications proof of travel arrangements. If there are no supporting documents attached to your leave form pay-in-advance will not be granted.

Remember you are advanced only for those pay days during which you will be absent and that this will be paid to you with the last pay you receive immediately before you leave.

Please ensure that all leave applications requiring payment-in-advance are received in the Salaries Office no later than three weeks before your leave begins.

For those not receiving pay in advance, pay will be deposited into your account each fortnight as usual.

2. Leave loading is payable with the first pay in December of each year. This does not apply to FMWU members who have received a Leave Loading during the year 1 December 1988 to 30 November 1989..

If you have any queries please contact the Salaries Office on extension 3914 or 3930 for assistance.

Christmas Pay Periods

Owing to the restricted time available for salary preparation for the pay days 21 December 1989 and 4 January 1990 the following close-off dates will apply:

Pay Due 21 December 1989. All salary variations and overtime sheets to reach Personnel Services **not later than 4 pm 8 December 1989.**

All time-sheets for casual staff and part-time teaching returns to reach Personnel Services **not later than 4 pm 13 December 1989.**

Pay Due 4 January 1990. Overtime sheets to reach Personnel Services **not later than 4 pm 15 December 1989.**

All time-sheets for casual staff and part-time teaching returns to reach Personnel Services **not later than 4 pm 21 December 1989.**

Time-sheets, overtime sheets and part-time teaching returns received after the respective cut-off dates will not be paid until the next available pay.

Owing to the limited time available for processing for pay

days 21 December 1989 and 4 January 1990 variations to salary deductions, the inclusion of additional deductions and changes to salary accounts may not be processed until the pay of 18 January 1990.

Staff proceeding on recreation leave and requiring pay in advance (under the new leave provisions) are reminded that such application must reach Personnel Services **not later than three weeks before their last day of duty.**

Salary payments for casual staff who have worked up to 31 December 1989 will be charged against 1989 accounts provided the time sheet reaches the Salaries Office by no later than 4 pm 21 December 1989. Any salaries not paid by the first pay day in 1990 will be a first charge against 1990 funds.

For answers to queries contact the Salaries Office on extension 3914 or 3930.

Changes to Whole of Pay and Deduction Destinations

Problems have been experienced by the Salaries Office in relation to changes of whole of pay and deduction destinations.

We stress that if you require a change in the location to which your pay is being deposited, do not cancel or close your account until you are sure your pay is being deposited into the correct account.

If you close your account and the payroll has already been finalized a delay of up to a week can occur in attempting to locate and then redeposit your pay to the new account.

Requests for variations to deductions and whole of pay deposits must be in writing, listing all relevant details. In the case of whole of pay deposits the following information is required:

Bank Name: e.g. Commonwealth; **Bank Code:** This is a six-digit code available from your bank; **Bank Branch:** The branch at which your account was opened; and **Account Name:** The name under which your account operates

Queries to the Salaries Office on 3914.

SASS contributors

All contributors to State Authorities Superannuation Scheme will shortly receive a Contribution Election for 1990 together with an Annual Review Statement for 1989.

The Annual Review Statement shows each contributor his or her current membership position and provides examples of estimated retirement benefits.

The Contribution Election allows contributors to vary their elected percentage rate of contribution for the 1990 superannuation year. Any elected change takes effect from 1 April 1990 and continues for the next 12 months.

Staff Change

Appointment: Professor J. Falk, Science and Technology Studies.

Staff Development Courses

Selection Techniques for Academic Staff December 13-14
RSVP November 30.

Contact Shirley Jorgensen Ext 3946 for further details.

Nomination forms for Staff Development Courses can be obtained from Shirley Jorgensen Ext 3946.

Research Funds

The sources of research funds given below are available to members of academic staff. Further information, including application forms, may be obtained from Kim Roser (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Postgraduate Studies.

AIDS Research Training Awards

The Department of Community Services and Health invites applications for the following AIDS Research Awards available for research into areas relevant to HIV infection and its prevention:

- Postgraduate Scholarships
- Traineeships
- Postdoctoral Fellowships
- Awards for the Development of AIDS Research Training

Applications close with the University on December 4.

Department of Primary Industry Research Grants

Applications are invited for research funding in 1990-91 from the following Rural Industry Research Funds:

	Internal Closing Dates
Wheat Research Council Senior Postgraduate Awards	November 30
Honey Research Council	December 17
Wheat Research Council	December 17
Sugar Research Council	17 January 1990
Oilseeds Research Council	18 January 1990
Cotton Research Council	14 February 1990
Grape & Wine Research Council	14 February 1990

Administrative and Senior Travelling Fellowships

Applications are invited from Administrative Officers and Senior Academic staff for fellowships to enable them to visit other countries of the Commonwealth to study matters of professional interest to themselves and their own universities and to visit other institutions to acquire or reinforce the skills which they need in their own institutions.

Applications close with the University on 2 January 1990.

Federal Office of Road Safety Research Grants

The Federal Office of Road Safety has invited applications for a limited number of grants to stimulate road safety research in academic institutions and community based organisations.

Applications close with the University on 17 January 1990.

Tobacco Research Council

The Tobacco Research Council has invited applications to conduct research relating to the tobacco industry in the 1990/91 financial year.

Applications close with the University on 1 February 1990.

Horticultural Research and Development Corporation Grants

Applications are invited for Research and Development grants for 1990/91 in the areas of Horticultural Research and Development.

Applications close with the University on 14 February 1990.

NERDDP - Special Round in Renewable Energy and Energy Conservation

Potential applicants for the above grants should note that applications will be invited at the same time as the NERDDP General Round of Grants (March 1990) but should be applied for on separate forms.

Further information and application forms will be available in March 1990 from the Office of Research and Postgraduate Studies.

Scholarships and Fellowships

Gowrie Scholarships

The Gowrie Scholarship Trust Fund invites applications for Scholarships to undertake a PhD or Masters (Research) in Australian or overseas universities or other tertiary institutions.

The scholarships will be awarded to members of the Forces and /or lineal descendants of such members, have a stipend of \$4,500 per annum and are usually for two years.

Applications close with the University on January 2.

Rolls-Royce-Qantas Award for Engineering Excellence

Applications are invited for the above which will be presented to the person judged to have done most in the previous year to exemplify engineering excellence in Australia in the manufacturing and related fields. The award consists of \$20,000 and the Warren Centre Medal. Applications close with the University on January 17.

AFUW - Lady Leitch Scholarships

Applications are invited from members of the Australian Federation of University Women for the Lady Leitch Scholarship which is available for postgraduate study or research in any country on any subject and is of the value of \$3,500.

Applications close with the University on February 1.

AFUW (S.A.) - Jean Gilmore and Thenie Baddams Bursaries

Applications are invited from members of the Australian Federation of University Women for the above bursaries, each valued at \$4,500, to assist with study or research for a higher degree or postgraduate diploma at a recognised institution of higher education.

Applications close with the University on February 14.

Medicheck Preventative Medicine Fellowships

The Winston Churchill Memorial Trust invites applications for fellowships in Preventative Medicine.

The fellowships will be available Australia wide for a project (of approximately three months) designed to improve the practice of preventative medicine in Australia based on information gleaned overseas.

Applications close with the University on February 14.

David Syme Research Prize

The David Syme Research Prize consists of an award of \$2,000 and a bronze medallion and is awarded for the most distinguished contribution to Biology, Chemistry, Geology or Physics during the preceding two years.

Applications close with the University on February 17.

Seminars

Department of Biology

Lecture Theatre G.19, Building 35, at 12.30 pm.

November 28: Kerry Withers, *Protein energy malnutrition and cellular metabolism*

Department of Civil and Mining Engineering

Tuesday November 28 at 10.30 am in Photogrammetry Room 4/138 Civil Engineering Building: Dr Adrian Saul, Department of Civil Engineering, University of Manchester, *Combined storm sewage overflow performance studies*.

Adrian Saul has worked on the design and full-scale operation of sewer ancillary structures, including storm sewage overflows and storage tanks. He has also carried out research into monitoring and assessing the impact of pollutants on receiving waters. He is a member of the International Association of Hydraulics Research and the UK Industry Water Basin Management Steering Committee. In 1990 Dr Saul takes up an appointment as Professor of Civil Engineering at the University of Sheffield.

Concerts, exhibitions and entertainment

The Messiah

Handel's *Messiah*, the greatest of all oratorios, will be presented by the Illawarra Choral Society in Wollongong Town Hall at 8 pm on Monday December 11. Guest soloists will be Akiko Nakajima, soprano; Narelle Tapping, contralto; Peter Anderson, tenor; and Bill Moxey, bass. Tickets \$14, concessions \$8 available from Jurjens and at the door.

Creative Arts diary – December

Tuesday 5: **Preview.** Long Gallery, School of Creative Arts. Exhibition of works by Postgraduate Students, **Barry Gazzard, Walter Smith, Joy Warren** and, in the Union building, Michael Morgan. To be opened by Dr Peter Shepherd at 8 pm. Open to the public December 6 to 17.

Wednesday 6: *Wassails and Lullabies.* The University Singers, directed by David Vance, present a Christmas Concert at the New University Theatre. 8 pm.

Tuesday 12. **Preview.** Graduating Students Exhibition, Artspace, 11 Randle Street, Surrey Hills. 7.30 pm. Open to the public until December 21.

Graduating Exhibition

Over the past three years many Wollongong University students, while undergraduates, including Judy Weekes, Merilee Swan and, most recently, Edward Arrowsmith and Paul Ryan, have held one-person exhibitions in Sydney. Others have exhibited in small group and mixed exhibitions including Mandy Evans and Greg Eager.

Sharon Pinney (who graduated in 1988) held a one-person exhibition at the Coventry Gallery in 1988 and will exhibit again this month.

Gabriella Frutos (who graduated in 1987) will hold an exhibition at the Coventry Gallery in 1990. Five years ago former BCA School of Creative Arts students established, and in part still run, the Art Arena Gallery in Crown Street. They exhibited in Canada in 1988 and in turn invited Canadian artists to exhibit in Wollongong. This year Vanessa McGovern provided the catalyst to take a selection



Tjenka Murray working on the largest tapestry designed and made in Wollongong. Based on her original painting and woven on a loom she constructed, the completed tapestry is included in the exhibition

of work from this Graduating Exhibition up to Artspace in Sydney.

On home ground many past and present students are represented in the University's own Permanent Collection exhibited in clusters throughout the working environment of the University. All these activities demonstrate achievements and initiatives which are wholly commendable and bode well for the future.

John Eveleigh, Senior Lecturer in Painting and Long Gallery Co-ordinator

The Exhibition, in the Long Gallery, is open to public to Sunday November 29. Monday to Friday 10 to 12.30 and 1.30 to 4.00 pm, Sunday 1.30 to 4.00 pm

Advertisements

WANTED TO RENT

Furnished three-bedroom house or unit wanted from mid-January for two years. Close to uni. Contact Slade Lee on 270440 until December 5 or Julie Lee any time (071) 556197.

ACCOMMODATION AVAILABLE

Three-bedroom unfurnished brick residence with outside flat at 141 Mount Keira Road available from early December. Contact L J Hooker, Wollongong or Betty Parker 565948. Rent \$200 a week.

HOUSE FOR SALE

Four BR with 2 BIRs, study, two huge living rooms, unique rainforest setting, large decks overlooking reserve on two sides. Ocean glimpses, in quiet no through road, three mins from Austinmer beach. Phone 67 2365.

ACCOMMODATION REQUIRED

Couple require accommodation from late December for six months or long term. House preferred but anything considered. Phone Alison, Biology Dept, ext 3246 or 298280.

FOR SALE

Datsun 200B GX manual sedan '79 model, reg no KKM 246, low kilometres, 12 months rego, excellent condition. \$4300. Phone Martin Bramston, ext. 3594 or home 378392.

SALE BY TENDER

The University has a Sawmaster Universal Radial Arm Saw with Planer attachment available for sale by tender. No guarantee is offered on this item. Terms of sale are cash or bank cheque. For inspection, contact Bert Flugelman (042) 27 0895. Tenders close 11.30 am December 1. Tenders should be placed in a sealed envelope addressed to 'Business Services, The University of Wollongong, PO Box 1144, Wollongong, NSW 2500' and marked on the outside 'Tender for Saw'.

FOR SALE

Coleman camper 9 ft light and low super tow, suit 4 cyl car, 6 berth, gas hot plates, 3 way fridge, good condition \$3,200. Call Bob de Jong, ext. 3016 or 378571 a.h.

FOR SALE

82 Commodore SL auto s/wagon. 12 mths reg, air cond. Sony stereo, many extras, good condition, reg no NOH 073. \$8,400. Call Bob de Jong, ext. 3016 or 378571 a.h.