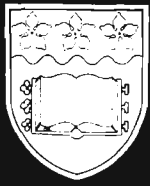


# THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: George Wilson, Tel. (042) 270926

15 November 1988

## Wollongong expertise in Supreme Court

Associate Professor Jim Falk, head of the STS Department, spent the last week of October in a rather unusual way — under cross-examination in the Supreme Court. The case was *Johnstone vs Commonwealth of Australia* and Professor Falk was acting as an expert witness for Johnstone. Mr Johnstone is the first veteran of the nuclear weapon tests (held by the British at Maralinga, South Australia, in the 1950s) to sue for damages.

All in all Prof. Falk spent five days in the witness box, the first two and a half presenting his Evidence in Chief and the remaining two and a half days under cross examination by the Barrister for the Commonwealth. His Evidence in Chief was led by Mrs Fleming, QC for Johnstone. Counsel for the Commonwealth was advised

by two atomic weapon test experts (one a chief scientist at the Australian Radiation Laboratory) who sat in Court throughout.

Prof. Falk says that a particularly rewarding aspect of this venture into the practical side of technological controversy has been the collaboration between STS and the Physics Department. Some months ago, Prof. Falk asked Physics if it could assist his development of the case. Dr Bill Zealey (senior lecturer in Physics) offered to help and the two have enjoyed acting as scientific sleuths. Together, they developed a range of scenarios through which they believe Mr Johnstone might have been contaminated.

Because of the inadequacy of the available records, it has been necessary to develop calculations of possible mechanisms for internal and external contamination. One route which Prof. Falk gave evidence on was the possible contamination of Johnstone from hot spots (highly radioactive anomalies in the radiation fall-out field). He told the Court that such hot spots can be caused by a wide



*Associate Professor Jim Falk*

range of circumstances. For example, in one case, fragments, which may well have been highly radioactive in the aftermath of the explosion of the tower on which the bomb was exploded, were found about 1000 yards from Ground Zero.

Another possible route identified by Falk and Zealey was exposure to radiation induced into the radiators of vehicles left near the explosion. They have argued that neutrons from the bomb would have created isotopes of copper which would have been very radioactive in the first few days following the explosion. Falk and Zealey carried out calculations of the amount of activity which may have been induced. Prof. Falk and the Barrister for the Commonwealth had some vigorous battles of words in Court over this. And the result — the

case is continuing and the Jury may not reach a conclusion until some time in December. In the meantime Prof. Falk remains on call as a consultant. And after that? The fruits of success are not altogether sweet — Prof. Falk has already been asked whether he would be available to consult on some 100 further cases of veterans who have also begun the process of suing the Commonwealth. It looks as though Falk and Zealey may not have seen the last of one another!

### '*Campus News*' winds down

The final issue of *Campus News* for the year will appear on Tuesday December 6. Deadline for copy will be noon on Monday November 28.

First issue for 1989 will come off press on Tuesday March 2.

# General Notices

## *Fellowship for Dr Neander*



*Dr Karen Neander*

Dr Karen Neander, lecturer in Philosophy, has been awarded a post-doctoral fellowship at the Research School of the Social Sciences at the Australian National University. The fellowship period is from 1 January to 31 December 1989.

Dr Neander's main project will be a book on philosophy of mind and artificial intelligence. It will be a philosophical study of the contribution that artificial intelligence research has made to date to our understanding of the human mind and the nature of intelligence generally, and an assessment of the widely divergent philosophical claims that are made about this research by the researchers themselves and others.

Dr Neander will return to The University of Wollongong Philosophy Department upon completion of her project, which will result in a book — one of the first philosophical treatments of artificial intelligence.

### **Valedictory Dinner**

The Department of Accountancy and Legal Studies and Management have joined forces again with the Friends of the University to organise the Valedictory Dinner for the graduating class of '88.

This year's big event will be held in the Union Hall at 6.30 for 7 pm on Friday November 25. Tickets at \$22 each are available to students, staff and graduates at the University Union. This is good value for a three-course dinner with hors d'oeuvres and a top band.

The Friends of the University acknowledge the following generous sponsors: Doug Symes of BNZ Norths Sydney Stock Exchange; Kent Wilson of Roach Tilley Grice Melbourne Stock Exchange; Coopers Lybrand, Matthews Jago and Co; Peat Marwick Hungerfords, and Touche Ross and Co.

### **Successes in Generic Technology**

Federal Minister for Industry, Technology and Commerce, Senator John Button, has announced the successful applicants in the 1988 round of Generic Technology Grants. For the first time a University of

Wollongong Department was successful — and doubly so — when the Department of Metallurgy and Materials Engineering was involved in two of the six selected projects.

The essence of the GIRD scheme is that funded work should contribute to Australia's economy by leading to products which either reduce imports or promote exports. Involvement of industry is therefore essential. In the present program, the Department of Metallurgy and Materials Engineering has three industrial partners — C-Ramic (Australia), a local company, BHP Steel International (Coated Products Division), and Seco Tools, for Newcastle.

The research project will be centred on a novel method of applying ceramic coatings, that is faster, cheaper and more widely applicable than most other methods. Although considerable success has been reported for this technique, the processes involved are little understood and it is unlikely that maximum performance has been achieved.

The intention will be, in particular, to develop improved coatings for wear and corrosion-resistance. While the basic investigations of coating structure and performance will be carried out at the University, coatings will be applied at C-Ramic (Australia). BHP Steel International (Coated Products Division) will be examining the feasibility of continuous production of ceramic-coated stainless steel sheet and plate. Seco Tools will be aiming to extend their market in cutting tools and several general-engineering components.

The Department also scored further success as a participating partner in a program aimed at the 'Development of High Productivity Welding Processes and Procedures for Joining Structural Steels of Australian Manufacture'.

Associate Professor Druce Dunne will receive some \$119,000 over three years for metallurgical studies of welded structures in low-alloy steels. The companies involved are BHP Steel International (Slab and Plate Products Division), Bunge Industrial Steels, Eglo Engineering, John Valves and the CSIRO Division of Manufacturing Technology.

### **Four Days That Could Shape Your Future**

Explore the latest developments in university computer technology at the Pacific University Consortium Conference, Wollongong University, February 5 to 8, 1989.

First Annual Apple University Consortium Conference — Pacific Rim. It will be hosted by the Australasian AUC.

### **Grant to Help Biologists Search for Rare Males**

Jennie Chaplin, a teaching fellow in the Department of Biology, and Dr David Ayre, her PhD supervisor, have recently received a \$20,847 grant from the Murray-Darling Freshwater Research Centre to study the ecological genetics of freshwater ostracods. Ostracods are small crustacea (about the size of a flea) that are extremely common in freshwater bodies and probably play an important role in the ecology of inland streams, lakes and ponds throughout Australia. However, virtually nothing is known about them. Jennie Chaplin is studying the mode of reproduction and dispersal of a particularly widespread species of ostracod and her work is the first study of ostracod ecology and genetics done in Australia.

One interesting finding to date is that, although Jennie has collected ostracods from 40 to 50 separate populations on the east coast of Australia, she has not obtained a single male from any of these populations. It seems that all these populations are reproducing asexually, with females producing genetically identical daughters. This process is the same as 'cloning'. The only male ostracods collected to date have come from a temporary freshwater swamp in West Australia.

The research grant will allow Jennie to extend her studies into the Murray-Darling system, the largest drainage basin of inland Australia. The use of both ecological and genetic data about the ostracods will allow an assessment of the biological 'connectedness' of lakes and ponds in the local area and the Murray-Darling region and provide an improved basis for the management of our freshwater resources.

As well as this applied aspect, the research has important theoretical implications. The results, together with other work from the Biology Department by Dr Ayre on corals and sea anemones (funded by MST and ARC), and work on banksias by Dr Ayre and Dr Rob Whelan (funded by ARC), are defining the evolutionary roles of sexual and asexual reproduction in a diverse range of organisms. Meanwhile, Jennie Chaplin continues her search for males on the east coast of Australia.

### Children's Christmas Party

If you have not received your tickets for the Christmas Tree would you please contact Lionel Ransley at the Printery as there were some nomination forms that did not have a contact name or department on them.

We now urgently need donations for the hamper to be raffled and drawn on November 26. Please leave your donations with Flora at the Registry, Administration or Lionel at the Printery.

### Attracting the State's Best Young Cricketers

Young cricketers from throughout New South Wales will converge on Wollongong in January next year to attend a Camp at the Illawarra Academy of Sport. Cricketers aged from 13 to 15 will attend the Academy in Wollongong for a week-long Camp. Eighty-eight boys will be selected to undergo specialised coaching and sports-science testing at The University of Wollongong, and will undergo an intensive skill-and-fitness development program.

Former NSW Director of Coaching, Max Sheppherd, is the Head Coach at the Camp and has brought together a staff of top coaches who will use state- and national-level players to teach the campers.

The Illawarra Academy of Sport, which was established in 1986 to assist young, talented athletes in the Illawarra region, will throw its doors open to outsiders for the first time to hold this Camp. Boys from throughout NSW are expected to apply to attend and the Academy Executive Director, George Anderson, states: 'The early response has been good and with such a good program, we are expecting a lot of interest, particularly from country boys who do not always have the opportunity to benefit from high-level coaching.'

The Camp will include sessions in batting, bowling and fielding, talks on captaincy, fitness, rules of the game, training and motivation, indoor and outdoor matches and special sessions by guest coaches and players. A recreation component has also been built into the Camp and a beach-day barbeque has been arranged. Steve

McKay, the NSW Coaching Director who assisted to design the Camp program, is enthusiastic about next year's Cricket Camp. 'The NSW Cricket Association fully endorse the Academy and this Camp will be an outstanding cricket experience for young cricketers. The opportunity to train, play and learn with other young cricketers for a full week will be a great experience', McKay said.

Fees are \$320 (all inclusive). Application forms and further information are available from the NSW Cricket Association and the Academy on (042) 27 0464.

For further information contact George Anderson, Administrative Director, Illawarra Academy of Sport, telephone (042) 27 0464, or Ted Tobin (042) 28 0579.

## Books and Reading

### On publishing a book

Writing about her new book, *We Should've Listened to Grandma*, Noeline Kyle says:

'The publication of my book is the result of two things: a research interest in women's history and involvement with community groups. I have been working with these local family history groups since 1981 and have published a book, *Tracing Family History* (Methuen, 1985), and a number of articles on family history, local history and tracing women ancestors.

'I became interested in family history and women's history while a mature-age student in the late 1970s. Family history seemed to me to present some valuable techniques for researching women's history and I went on to prove this by researching the life and work of my great grandmother, Mary Kirkpatrick, who was midwife in the Macleay Valley from the 1890s to the 1930s.

'My involvement with local family history groups has led to numerous guest-speaking assignments and participation in local community activity. I was a founding member and first president of the Illawarra Family History Group in 1984. I view this work in the community as important for my own professional development and also for strengthening the links between University and the local community.

'The book, *We Should've Listened to Grandma*, was published to fill a gap in the reference material family historians use. Like most history, family history and the sources used and the reference books consulted have been biased toward male lifestyles, male occupations and male experience.

'Thus, for family historians wanting to move away from the traditional genealogy which traces the male line of descent, toward a more diverse approach which incorporates all members of the family, including women, it has been difficult to find relevant useful texts.

'This book fills one gap. It gives the reader information and straightforward methods and insights from family history practice and women's studies, and provides practical assistance for finding women in the records. It shows how to get the best out of libraries and archives, courts and schools, local history and churches and much more.'



*Sociology (minus two away); back row from left are Ellie Vasta, Beverley Symons, David Span, Stephen Hill and Stephanie Short; seated are Ariel Sellah, Rebecca Albury, Mike Donaldson and Ann Aungles*

## *A Department serving communities: a session in the life of Sociology*

The Department of Sociology at The University of Wollongong has a strong focus which involves connecting theoretical development at the level of disciplinary analysis with practical research on key issues connected with Australia's cultural transformation; involvement with community groups, especially in a geographic area that is at risk under the onslaught of technological rationalisation; policy involvement with government; consultancy with industry and unions; and contribution through teaching to the upgrading of sociological skills within the community to enable people effectively to manage the cultural change we are presently experiencing. This session, the Department has steadily continued to build its national and international reputation by providing its expertise on national and international policy committees and conferences, in local community action and research and in the production of books and articles for publication.

Rebecca Albury has met several times this session with the National Bioethics Consultative Committee of which she is a member. In early September she attended the NH&MRC round-table consultations on Gene Therapy as part of the consultations on the report *Ethical Aspects of Research on Human Gene Therapy* by the Medical Research Ethics Committee of the NH&MRC, and in October she appeared at the NSW Law Reform Commission public hearing on Surrogacy. In August, Rebecca presented a paper at the Student Initiatives in Community Health Conference on advice books on birth control. Ann Aungles presented papers in June, 'Home Imprisonment: Invisible Issues', and in October, 'Truth in Sentencing: Truth or Half Truth' for the Children of Prisoners Support Group at the Sydney Institute of Criminology. Ann is currently preparing a paper and workshop for the Sociological Association of Australia and New Zealand (SAANZ) Conference in Canberra this month.

Stephen Hill has a new book which will be published in London, Boston and Sydney, in November, *The Tragedy of Technology — Human Liberation vs Domination in the Late 20th Century*. Another book (produced with the assistance of Elaine Buckman) will be published in

December. This was contracted by the UN's Economic and Social Commission for Asia and the Pacific and is an account of Australian science and technology history and policy. Stephen has been elected Chairman of the United Nation's Science and Technology Policy Asian Network (STEPAN) which officially represents the nations of Asia. During session 11 he has been involved in organising international agreements and funding for a wide-ranging STEPAN program to be conducted over the next three years.

In August, with co-author George Palmer, Stephanie Short completed the manuscript of her book, *Health Care and Public Policy: The Australian Experience*, for Macmillan. During the mid-session break, Stephanie presented a video on post-natal depression at the annual conference of the Public Health Association at Griffith University and participated in meetings of the Political Economy of Health Group. She then attended the inaugural Social Research Conference at the University of Queensland, which included discussion about recent methodological and computer developments in the social sciences. Stephanie presented a paper entitled 'The Nursing Struggle in Australia' at the annual conference of the NSW Australian Nurse Teachers' Association and also presented evidence before the NSW Industrial Commission to assist the NSW Nurse's Association's current claims for preferred rates of pay.

Ellie Vasta, the most recent arrival to the Department, in August presented a paper to the international bi-centennial conference, *The Italian Community in Australia: The First 200 Hundred Years*, on 'Gender, Class and Ethnic Relations: The Domestic and Work Experiences of Italian Migrant Women in Australia'. Ellie has been invited to include this paper as a chapter in a book to be edited by eminent Australian scholars in the field of migrant women and immigration policy. In September, Ellie attended the second Italo-Australian Women's Conference in Sydney, and continues as an executive member of SAANZ and on the editorial board of the *Australian and New Zealand Journal of Sociology*. Philip D'Alton and Tom Jagtenberg, both of whom are nearing the end of their study leave, are awaiting the publication of their book later this month with Harper and Row, Sydney, entitled *Four Dimensional Space: Class, Gender, Ethnicity and Nature. A Reader in Australian Social Sciences*, to be launched at the SAANZ Conference in Canberra in December.

Ariel Salleh has recently received a grant to work as Visiting Lecturer at the University of Chicago Institute of Advanced Studies next session to teach graduates in environmental ethnics. She will also deliver seminars at Princeton University during this period. Forthcoming publications include 'Epistemology and the Metaphors of Production' *Studies in the Humanities* (US); 'Environment: consciousness and action' *Journal of Environmental Education* (US); 'Women, Nature and the International Division of Labour' *Science as Culture* (UK).

Ariel is an editor of the international journal, *Thesis Eleven*. Other community involvements include consultation on bio-ethics for the Australian Conservation Foundation and social implications of computing with Computer Professionals for Social Responsibility. In this context she has attracted funding from the Geneva-based World-YWCA to participate in two coming symposia — Working with VDUs (Canada) and The New Technologies

*continues opposite*

# 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 Harriss (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.

## Astronomical Association of Queensland

The Astronomical Association of Queensland invites applications from amateur astronomers and postgraduate students at tertiary institutions for funding from the Edward Corbould Research Fund.

Applications close with the University 14 February 1989.

## Tobacco Research Council

The Tobacco Research Council invites applications to conduct research relating to the tobacco industry in the 1989/90 financial year.

Applications close with the University 27 January 1989.

## Grape and Wine Research Council

The Grape and Wine Research Council invites applications to conduct research relating to grape and wine industries in the 1989/90 financial year.

Applications close with the University 14 February 1989.

Workshop (Netherlands). This session, under the auspices of the University of New South Wales Interdisciplinary Studies Program, Ariel is teaching a graduate seminar on Eco-feminist theory and ten candidates are currently completing the course. In June, she reported this innovative development to an International Forum of the National Women's Studies Association in Minneapolis. In addition, in September she served as consultant to the first Eco-feminism Seminar at the School of Environmental Studies, University of California, Santa Cruz.

November saw the launching of Mike Donaldson's book, *Articulated Agricultural Development, Traditional and Capitalist Agricultures in Papua New Guinea*. Written with Kenneth Good, Professor of Politics at the University of Zambia, it tells the story of 400 years of human habitation of the Eastern Highlands of PNG by exploring, particularly in terms of the changing social relations of production, the transitions from taro to sweet potato to capitalist agricultural systems. Mike is continuing his work on continuity and change in the working class and in second session has been preoccupied with a pedagogical innovation which locates third-year final-session students with local non-profit community organisations. In July, students enrolled in the Community Research Course and started research work with and on behalf of Illawarra Vocational Services, the Illawarra Community Housing Trust, Greene St Community Centre and the Greenacres Handicapped Persons' Association. The object of the course is to provide about-to-graduate students with first-hand job experience and thus increase their employability, and further to integrate the University into the local community, as the Ranleigh Report recommended. Mike has continued his consultancy work

## Previously Reported in Campus News

	Internal Closing
Lionel Murphy Scholarships	November 16
Canada Australia Bicentennial Research Awards	November 16
World Wildlife Fund Australia	November 16
Academy of Science China Exchange	November 17
Wool Research Grants 1989-90	November 18
Fulbright Awards — Seniors	November 18
ATERB Scholarships	November 18
National Agenda for Women Grants Program	November 24
Packer Cambridge Scholarships	December 1
Spencer Fellowship Program	December 9
ATERB Grants	December 16
Oilseeds Research Council Research Grants	December 6
Australian Fellowships at the University of Edinburgh	December 16
ASRRF Grants	December 17
Chicken Meat Research	December 17
Canadian Faculty Awards	January 17
Rolls Royce-Qantas Award for Engineering Excellence	January 17
Amy R. Hughes Scholarship	February 1
David Syme Research Prize	February 15
IDP Research Funding	Any time
Utah Foundation	Any time

## NR and MRC Continuing Project Grants Approved for 1989

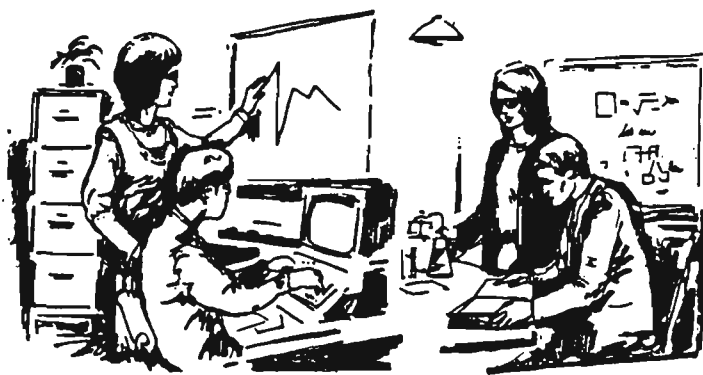
Professor G.D. Calvert, <i>Characterisation of Human Plasma Lipid Transfer Protein</i>	\$41,578.66
Professor I.W. Chubb, <i>Peptidases, Neuropeptides and Neuro-Transmission</i>	\$109,044.41
Professor H. Garnett, <i>Characterisation of Cytomegalovirus-induced Plasma Membrane Glycoproteins</i>	\$43,368.65
Dr A.J. Hulbert, <i>The Role of Thyroid in the early Physiological Development of Mammals</i>	\$44,188.10
Dr E.J. Steele, <i>Studies of the Potential of Gamma Insulin as an Adjuvant in Mice</i>	\$28,135.83
Dr R.J. Truscott, <i>Mechanism of Senile Nuclear Cataract in Man</i>	\$28,244.86

## 1989 Competing Project Grants

Professor H. Garnett, <i>Interaction of Human Cytomegalovirus with Peripheral Blood Monocytes</i>	\$44,467.64
Dr G.F. Huon, <i>Cognitive and Nutritional Factors in Bulimia Nervosa</i>	\$21,324.40
Dr E.J. Steele, <i>Mechanism of Somatic Hypermutation in Antibody Variable Region Genes in Mice</i>	\$41,659.03

this year with ABC TV, Sydney, and the Illawarra Women's Health Service.

Beverley Symons, the departmental secretary, while keeping the department in running order, is also studying part-time in Sociology and STS. Beverley has been involved for many years in the Peace/anti-nuclear movements and now continues this work in the Illawarra.



## Staff Roundup

### Pay Periods

Close-off dates for pay periods ending December 22 and 5 January 1989. It is important that all members of your Department are made aware of these dates to avoid any delays in payment.

#### Pay Ending December 22:

All variations and overtime forms December 9, 4pm.

All part-time teaching and casual timesheets

December 16, 4 pm.

#### Pay Ending 5 January 1989

All variations and overtime forms December 16, 4pm.

All part-time teaching and casual timesheets

December 22, 4 pm.

Pay day for period ending December 22 will NOT be brought forward. It will be paid on December 22.

### First Aid Officers

The University has appointed three shift supervisors for Security as first-aid officers. They are Darlene Hansell, John Martino and Phillip King.

First-aid officers can be contacted outside normal working hours by telephoning ext 3936 or, in the event of this number being unanswered, 645.

In addition, Mr Warren Mahoney has been appointed a first-aid officer. He is located in the Faculty of Arts, Building 19.

### Grant-in-aid Payments

It should be noted that Grant-in-aid payments will in future be processed by the Salaries Section. This will mean that payment for Grant-in-aid claims will be made with the employee's normal fortnightly salary.

Because of salary deadlines it is essential that claims for payment be received by the salaries section at least ten days in advance of the pay day in which the claim will be paid.

Staff should also note that it is *not* possible to make payments with only a few days' notice.

### Vacation Employment

Curragh Queensland Mining Limited has vacancies for students who seek to undertake vacation employment during the forthcoming Christmas/New Year period. Curragh Mine lies approximately 14 km north of Blackwater, in Central Queensland.

Vacancies at the mine are in

- Geology, minimum third year of study;
- Survey, minimum third year of study;
- Mining, minimum third year of study; and • Business Studies, pref Honours level.

Apply in writing to The Senior Employee Relations Officer, Curragh Queensland Mining Limited, Private Mail Bag, Blackwater, Qld 4717. Results and a brief resume, along with contact telephone number, should be enclosed.

For more details contact Mrs Liz Sullivan, telephone (079) 82 6266, 7 am to 3 pm.

### Staff Development Courses

**Retiring Soon** — Worried about recent changes to public-sector superannuation funds and how they will affect your retirement income?

The Staff Training Unit is arranging a seminar to be held on December 2 in the Staff Training Room.

A consultant from Coopers and Lybrand will be outlining the major changes and how they will affect you.

Investment options to minimise the impact of the changes will also be discussed.

If you are interested in attending please send in your blue nomination form by November 22.

Where: Staff Training Room.

When: December 2.

Target group: All staff retiring in the near future.

Return date: November 22.

## Security Report

### Security of Offices and Rooms

With the arrival of the hot weather, the need to open windows for airflow is understandable. However, the habit of leaving them open by departing staff is causing problems for Security. An open window allows easy access for thieves. It also allows the entry of windblown dust. An open window also encourages airflow for major fire.

It is the responsibility of occupants to secure all doors and windows and to switch off all lights and appliances. The Security staff do not provide a lock-up service but check to ensure that all is properly secured.

Your assistance in this would be greatly appreciated by the Security staff.

### Improper parking

It has been repeatedly reported by Security staff that private motor vehicles are entering and being parked in clearly marked 'No Entry' areas, particularly during the evenings.

This practice is to be discontinued for the following reasons:

- Owing to the theft of equipment in the past, requiring vehicular transport for removal, the parking of vehicles in the near vicinity of buildings will be vigorously discouraged.
- By parking in poorly lit or secluded areas the possibility of vehicles being broken into is greatly increased.
- By no means the least important of the reasons is that clear access to buildings must be maintained to allow unimpeded progress and operation space for any emergency service vehicle and personnel required on the campus.

Security staff have been instructed to serve parking infringement notices on all private vehicles found parked in these areas at any time.

Graham Parsons  
Security Supervisor

## Release of Session 2 Examination Results

Session 2 1988 examination results and 1989 re-enrolment information will be posted to each student's registered home address on Monday 19 December 1988. *Students should ensure that the University has their correct home address before 9 December 1988.*

STUDENTS SHOULD NOTE THAT EXAMINATION RESULT NOTICES WILL NOT BE AVAILABLE FOR COLLECTION AND NO INFORMATION CONCERNING EXAMINATION RESULTS WILL BE GIVEN BY TELEPHONE.

Results will, however, be displayed in the Pentagon on Monday 19 December 1988 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 9 December 1988 will have their examination results withheld. Where outstanding charges are paid *after 9 December 1988*, results will not be available until Tuesday 3 January 1989.

*Students who will satisfy the requirements for a degree or diploma at the end of Session 2 1988 must submit an Application for an Academic award by 30 November 1988 if they wish to participate in the May 1989 Graduation ceremonies.*

K.E. Baumber  
University Secretary

### School of Creative Arts – Diary of Events

#### November

##### Wednesday 16

Public recital by Final Year Music students Penny Raine (flute), Bergrid Ferreira (piano) and John Alvear (guitar). Music Auditorium, 7.30 pm.

##### Friday 18

Preview – Final Year Visual Arts Students Exhibition, Long Gallery, 7.30 pm to 9.30 pm.

Public recital by Final Year Music students David Aston (baritone), Effie Kandias (soprano) and Narelle White (soprano). Music Auditorium, 7.30 pm.

##### Saturday 19

City of Wollongong Symphony Orchestra, IMB Theatre, Performing Arts Centre, Wollongong – Antill, Mendelssohn, Bizet. 8 pm.

#### Friends Final Fling for 1988

Sunday December 18  
University Oval No. 1  
10 am to 4 pm

\*Town v Gown Cricket Match with celebrity guest players Bob Holland and Murray Bennett

\*Friends of the University Christmas Party and farewell to Executive Officer, Giles Pickford

Bring a picnic and enjoy the last Sunday before Christmas

If you want a seat in the marquee then RSVP to Muriel Murada on 27 0082

## Concerts, Exhibitions and Entertainment

### Final Concert of '88

The City of Wollongong Symphony Orchestra gives its fourth and final 1988 subscription concert at the IMB Theatre on Saturday evening November 19. Music director, John Wayne Dixon, will conduct, and the soloist, appearing under the 'Back to Wollongong' Bicentennial theme, will be the 21-year-old, local-born violinist, Alexandra Stender, who will perform the Mendelssohn Violin Concerto.

Bookings are open at the Illawarra Performing Arts Centre, with tickets available in limited numbers, priced at \$11, concession \$8, and family (2 adults plus 2 concession) \$25.

### The Sydney String Quartet

A concert by The Sydney String Quartet, Ronald Thomas, Alex Todicescu, Wilfred Lehmann, and Georg Pedersen, will appear in a program including Haydn String Quartet Op. 50 No. 1, Mozart 'The Hunt' String Quartet K 458, and Sibelius 'Intimate Voices' String Quartet.

The Illawarra Performing Arts Centre, Saturday November 12 at 8.15 pm. Tickets \$12, \$6.

### Handel's Messiah

The University Singers complete 1988 (and its tenth year) with a performance of Handel's Messiah in Wollongong Town Hall on December 10 at 8 pm.

One of the undisputed masterpieces of Baroque music, Messiah is frequently performed with cuts that inevitably damage both the continuity of the text assembled by Charles Jennens and Handel's musical organisation. The Singers will give the work in its entirety, paying attention to not only the dramatic structure of the oratorio, but also the appropriate performing style which reveals the glowing energy and vitality of the piece.

The choir of 30 voices will be joined by four excellent soloists: Susan Briedis (soprano); Robert Johnson (countertenor); David Hamilton (tenor) and Keith Hempton (bass). A chamber orchestra of 20 players will be led by Lorraine Moxey (of the Australian Chamber Orchestra) and will include Jeff Segal, trumpet, and Peter Kneeshaw, organ. The conductor will be David Vance.

Bookings are now available through the University Union and Jurjens, Wollongong.

### 'Hargrave' on Stage

The play, *Hargrave*, written by Geoff Sykes, will be presented at the Performing Arts Centre, Wollongong. The play centres on the activities of a group of engineers and aviators at an imaginary exhibition held before World War One. Much of the play reflects the hopes and hardships of the period. It also seeks to explore and express the legend of the man, Lawrence Hargrave, his world and his inventions.

Geoff is a postgraduate student in the Department of Science and Technology Studies, and is intrigued by the exploration of technology themes on stage.

*Hargrave* will be presented from November 23 to 26, 8 pm/3pm Saturday. Prices \$10 and \$7. Inquiries and bookings available by phone to the Illawarra Performing Arts Centre, 26 3366.

## Seminars

### School of Industrial and Administrative Studies

Speakers: Dr T. Williams, Dr K. King and R. MacGregor, Lecturers at Wollongong University.  
Topic: *Some Aspects of the Ergonomics of Computer and Human Interaction.*

Date: Wednesday November 16, 1.30 pm.  
Venue: Building 19, room 1038.

### Women in Science Enquiry Network (Wollongong)

Speaker: Ann Dugdale, STS  
Topic: *Is there a feminist science?*  
Date and time: Wednesday November 16, 6 pm.  
Venue: Board Room, Union Building.  
Drinks and nibbles to follow. Inquiries Toni O'Neill, ext 3765.

### Department of Chemistry

Seminar will be held in room 18.206 starting at 11.30 am.

Friday November 25

Speaker: Dr Peter Brooks, Department of Organic Chemistry, University of NSW.

Topic: *Synthesis of aesthetically pleasing compounds.*

### Department of Computing Science

Date and time: Friday November 18, 1.30 pm.

Speaker: Rajesh Kapadia, (Postgraduate Student), Department of Computing Science, The University of Wollongong.

Topic: *Synthetic Workload.*

Venue: Room 15.201.

Visitors parking on University grounds will be charged a parking fee of \$1. This fee will be reimbursed by the department.

Alex Zelinsky  
Convenor

### Department of Management

Title: *Islamic Banking: Current Issues and Future Prospects.*

Speaker: Tony Naughton, Department of Management.

Date and time: Friday November 25, 11.30 am.

Venue: Building 19, Room 1003.

## EEO news....

### Personal Reflections on EEO

In 1981 the Head of my then Department asked me to write the Department's first EEO management plan. EEO was brand new and, even though the Anti-Discrimination Act had been around since 1977, it was the first time anyone actually had to *do* something about it.

I was aghast. I loved my job in Education, running inservice courses for teachers, liaising with the media, being involved with all manner of educational activity from universities to national television. But he promised I'd have to do it for only six months.

I'd seen programs on TV (one actually) where some Black tutor in the US unfairly got a job over my hero — the Polish son-in-law in 'All in the Family' — and I was horrified that the same thing was coming to NSW.

Of course, job quotas never came to NSW. The Australian system is merit-based and seeks to get rid of unfair barriers. I was uninformed and misinformed and I've since encountered the same response from many other people who 'know' about EEO based on one story they've heard from Uncle Fred about some 'sheila' who got the job even though Uncle Fred deserved it. And the opinionated story retold becomes absolute fact.

I have stayed in EEO in one form or another until now, and I have no hesitation in saying that I think EEO has been one of the great positive influences for efficiency and fairness in the workplace that I've seen in 25 years of employment. I've seen a man who could not even apply for promotion, despite his extreme competence, because of a disability he had (which never once affected his job) until the rules changed because of EEO. I've seen training and development opportunities set up that didn't exist before EEO. I've seen physical barriers to competent people with disabilities disappear one by one.

But most of all I've seen a healthy growth in the concept of selecting people for jobs because of their ability rather than how long they've hung around waiting their turn, or with whom they socialised.

I am leaving the University and EEO this month and want to thank all the staff who have helped me while I've been here or who have been part of the striving to implement changes based on the best traditions of 'a fair go'. Thank you and farewell.

Kathy Rozmeta  
EEO Co-ordinator

## Advertisements

### Sale by Tender

The University has the following items for sale by tender:

- 1 Bolens ride-on mower
- 3 Victa 550 two-stroke mower 21 in. cut
- 1 Cement Mixer — electric 2 cu ft.
- 1 Tractor carry-all
- 1 Honda self-propelled mower 21 in cut.
- 1 Stihl chainsaw 16 in.
- 3 Knapsack sprays.
- 2 Brushcutters LEY and KA AZ model.
- 1 Flymo mower — petrol engine.

There is no guarantee is offered on these items. Terms are cash or bank cheque. For inspection call Mr M. Bramston - (042) 27 0954.

Tenders close 11.30 am on November 25. Tenders should be sent in a sealed envelope to Business Services, University of Wollongong, PO Box 1144, Wollongong 2500 and noted on the outside front 'Tender for (description of item)'.

The University also has for sale by tender a Ford Falcon GL Station Wagon registered number OFJ-155. Terms as above. For inspection call (042) 27 0784, Mr G. Graham.

Tenders close at 11.30 am on November 25. Tenders to The Supply Office, University of Wollongong, PO Box 1144, Wollongong 2500 and noted on the outside front 'Tender for Vehicle ODJ-155'.

### For Rent

Spacious bedroom in furnished three-bedroom house opp. Thirroul Beach. Suit non-smoker, quite person with sense of humour (please!). Ring Carole on 27 0780 or 67 5265.