



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: George Wilson, Tel. (042) 270926

1 November 1988

## Australian Scientist Challenges US Researchers

Articles in *The Australian* and *Sydney Morning Herald* on October 19 concerning research undertaken by Dr Ted Steele from the Department of Biology at The University of Wollongong were based on a letter sent to the editors of *Nature* from Dr Steele's colleagues. The letter reads thus:

'We have read with great interest the paper entitled 'The origin of mutants' by John Cairns, Julie Overbaugh and Stephan Miller\* published on 8 September 1988 in *Nature* vol. 335 p 142 and recent commentaries in *Science* (by Roger Lewin) and *New Scientist*. The data in this paper are indeed novel and striking, but we wish to point out that the explanation used by the authors and the implications for evolution are not new. Precisely the same mechanisms have been proposed previously by E.J. Steele and J.W. Pollard in their article 'Hypothesis: Somatic hypermutation by gene conversion via the error prone DNA->RNA->DNA information loop' published in *Molecular Immunology* vol. 24 page 667 (1987).

'Furthermore, the same basic concepts applied to higher animals were published by E.J. Steele in his book *Somatic Selection and Adaptive Evolution: On the*

*Inheritance of Acquired Characters*, first edition, Williams-Wallace, Toronto, 1979, and used to explain controversial data published by R.M. Gorenzynski and E.J. Steele in the Proceedings of the National Academy of Science (USA) vol. 77 page 2871 (1980). This paper and a second paper by Gorenzynski and Steele published in *Nature* vol. 289 page 678 (1981) also aroused substantial comment in the pages of *Nature*, *Science* (by Roger Lewin) and *New Scientist*.'

The letter was signed by Robert V. Bladen, PhD, FAA, Microbiology, John Curtin School of Medical Research, Australian National University; Gerald W. Both, PhD, Laboratory of Molecular Biology, CSIRO Division of Biotechnology; Frank Fenner, MD, FAA, FRS, John Curtin School of Medical Research, Australian National University; Ken C. Reed, PhD, Biochemistry Department, Australian National University; and Barry G. Rolfe, PhD, Plant Molecular Biology, Research School of Biological Sciences, Australian National University.

*Statement by Dr E.J. Steele*

The above statement outlining the scientific priority of the work of myself and colleagues is clear and unambiguous. I have nothing to add.

\* Harvard School of Public Health Boston. Copies have also been sent to the editors of *Science* and *New Scientist*.

## 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

# General Notices

## Research Students Open Day

An Open Day for research students is to be held at the University on Wednesday November 9.

Postgraduate research students will present their research projects and results in the form of either poster/display formats or short oral presentations.

Poster displays will be located in the Union Hall between the hours of 10 am and 5 pm. Students will be in attendance at their displays from 12.15 pm to 1.15 pm and between 2 pm and 4 pm to explain their research to visitors.

Oral presentations will be held from 10 am to 12.15 pm, and from 1.45 pm to 5 pm in the Kemira Room and the Northern Lounge in the Union.

The Day will be opened by the Vice-Chancellor at 1.15 pm in the Union Hall. The University's *Research Report* for the 1987/88 year will also be released at this time.

Everyone is welcome to attend.

## 1988 University Sports Awards

On Friday October 14, at the University Recreation Centre, the University presented its 1988 awards for sporting excellence. Among the awards were Sportsperson of the Year — which in the past has been won by Australian representatives such as Andrew Leeds (1986 - Rugby) — and the historical award for University sporting achievement, a University 'Blue'. This prestigious award harks back to the beginning of clashes between Oxford and Cambridge in rowing and has spread to other sports and universities throughout the world.

Blues were presented to Michael Pilottas, table tennis; Anthony Van Bergen, golf; Kevin Ball, hockey; Maree Turnbull, netball.

*University Sportsperson of the Year is Martin Harland (member of the Australian bobsled team to the Winter Olympics).*

*Sportsperson of the Year, Martin Harland, receives his award from Alex Zelinsky; on the right is Jim McCulloch, South Coast Regional Manager of the National Australia bank*



During the presentations the National Australia Bank presented the University Recreation and Sports Association with a sponsorship cheque for \$5,000. This is the third year the NAB has contributed to the development of University Sport. The presentation was made by NAB South Coast Regional Manager, Mr Jim McCulloch, to Recreation and Sports Association President, Mr Alex Zelinsky.

## Rob Hood Gets a Golden Dagger

Crime is alive and well in The University of Wollongong, at least in the writings of one of its employees. Research officer Robert Hood, whom we earlier reported as a finalist in the Australian Airlines/POL International Mystery Story contest, has become the first recipient of the Golden Dagger Award. This Award was given for his story 'Dead End', which was chosen from among 11 monthly award winners as the premier crime thriller short story for 1988.

All the winners have been published during the past year in Australian Airlines' inflight magazine, *The Australian Way*, each author receiving a \$750 prize. Then, at an elaborate ceremony held in the Westbury Hotel at King's Cross on Thursday October 13, Rob learnt that, as the ultimate winner, he would be receiving a fully-paid two-week holiday, staying at Sheraton resorts on Dunk Island, and at Alice Springs and Ayers Rock.

'Australian Airlines has spared nothing to make this contest successful,' Robert commented. 'In fact, they have been extremely generous, both in the prizes given and in the way they have handled authors' rights.'

'The competition is to be run on an annual basis; Australian Airlines and POL International hope that it will encourage a resurgence of crime-fiction in Australia.'

'This year's award was judged by Professor Stephen Knight from Melbourne University, who is Australia's most eminent commentator on the genre.'

All the prize-winning stories have been collected in an anthology titled *Australian Golden Dagger Mysteries*, and published by Century Hutchinson. The book, which the publishers think will be a big-seller, should already be available in major bookstores.

## Ken Brindle Memorial Scholarships

The Aboriginal Education Council (NSW) has established scholarships in recognition of the outstanding contribution of Ken Brindle to Aboriginal education. Because of his special interest in increasing educational opportunity for mature-age Aborigines, the scholarships are open to Aboriginal students aged 21 years or more who are qualified to enter an approved course of study at a university, college of advanced education or other post-secondary institution in New South Wales.

The initial award of the scholarships will be made to students accepted for enrolment in a full-time or part-time course in 1989. Two scholarships, worth \$2,000 each, will be awarded. Scholarship holders who successfully complete the year's study program will be eligible to apply for a further award in 1990.

Applications for a scholarship in 1989 close on 31 January 1989. Application should be made on a special form, now available from the Council.

Further information from Aboriginal Education Council (NSW), 132 St John's Road, Glebe 2037, telephone (02) 660 5696.

# WOLLONGONG UNIVERSITY STUDENT WINS STATE-WIDE CHEMISTRY CONTEST

Two University of Wollongong Chemistry students were recently chosen among the six finalists in a state-wide Student Lecture Competition organised by the Analytical Branch of the Royal Australian Chemical Institute. They were the only finalists from non-metropolitan universities.

They are Mr Peter Teasdale and Mr Richard John, who are currently completing BSc Honours degrees in the Department of Chemistry.

Both Mr Teasdale and Mr John are carrying out research projects in electrochemistry, under the supervision of Dr Gordon Wallace, aimed at the development of new analytical sensors. They were

selected as finalists on the basis of written reports on their research progress.

The state finalists presented their Student Lectures at the University of New South Wales, before a panel of judges from industry. In a 'cliff-hanger' decision, Peter Teasdale was declared the joint winner (with a student from the University of Sydney) for his lecture entitled 'New Sensors for Speciation'.

Both Mr Teasdale and Mr John have recently applied to enrol as PhD students in Chemistry at The University of Wollongong, in order to continue their research in this area.

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## Wollongong English Language Centre — Home Stay Program

Wollongong English Language Centre urgently requires host families in the district.

Students will be attending the Wollongong English Language Centre, within The University of Wollongong. They will be coming to Wollongong for one month, three months or six months — for the duration of their courses. They will be living with a host family while attending classes at The University of Wollongong.

Students will be in the 16—25 years age group, mainly from South East Asia. They will need to go into caring homes, preferably have their own bedrooms, with breakfast and dinner provided (lunch at weekends). We would prefer host families to be on a transport route so that students can make their own way to the University.

Host families will be paid weekly.

If you are interested or if you know of somebody who may be interested please contact Anna Rousch (Uniadvise) 27 0956 (ext 3956).

## An Active Human Movement and Sports Science

Staff members of the Department of Human Movement and Sports Science presented papers at the Annual Meeting of the Australian Sports Medicine Federation held in Sydney in October. These included:

Dr Karen Chad on Recovery of Oxygen Debt in Trained and Untrained Individuals; Dr Chris Hallinan on Aboriginal Rugby League Players: Maximising Participation and Minimising Involvement; and Dr Peter Milburn on The Rugby Tackle — A Time for Review.

Associate Professor Frank Pyke presented a weekend workshop on fitness testing to members of the health and fitness industry in Darwin in early October. Participants included community-fitness leaders and employees of the local branch of the National Heart Foundation. While in Darwin Professor Pyke also gave an evening seminar on exercise in hot conditions. The seminar was attended by members of the medical and para-medical professions and the general community.

## Attendance at External Courses

It has been brought to my attention that certain members of staff have been interested in attending external courses but have not been aware the courses were offered until after the event.

Because of the wide range of interests in the University, it is logistically not possible to keep staff informed of all programs being offered by all the providers of training services currently in the market.

I encourage members of staff who feel that certain external programs would provide relevant training in their respective units to come into the Staff Development Area and examine the stream of course material I am constantly receiving.

If there are programs being offered that are relevant to your area, then it could be profitable for you to place your name on their mailing list so you receive the most up-to-date information and are able to register as early as possible.

Shirley Jorgensen  
Staff Development Coordinator

## The Creative Manager — A Workshop

This workshop is designed for thinking managers. It has been used successfully with top managers and executives, policy makers and whole departments. Management teams, *ad hoc* groups of workers and supervisors within the same organisation, and mixed participants from several organisations will all benefit from this unique and stimulating program.

The purpose of the workshop is to spark and enhance the personal creative process in each individual and its application to organisations, to experience and understand both the characteristics of creativity and the blocks to being more creative, and to have fun.

Workshop Presenter: Denis J. Flores BA, Litt B, MIPMA, AIMM, AITD, Senior Consultant with The Q Consulting Group in Canberra for five years from 1983, was National Executive of the Local Government Training Council in Canberra; and is co-author of *Training Without Courses*.

Registration: Fee of \$185 per person includes registration, all seminar material, lunch, morning and afternoon tea/coffee. Attendance is limited to 40.

Closing date: November 7.

Where: The University of Wollongong.

When: November 14.

Time: 9 am — 5 pm.

Workshop is organised by Wollongong Uniadvise Limited, PO Box 1144, Wollongong NSW 2500, or telephone (042) 27 0076.



## Academic Calendar of Dates: 1990 and 1991

Following considerable discussion throughout the University of possible variations to the pattern of academic calendars for the University, the Academic Senate has recommended to Council that the same pattern as that previously determined for 1989 be adopted for 1990 and 1991. (It may be noted that 1989 is the first year that the AVCC common weeks match the NSW school-holiday periods since the introduction of the four-term school year.)

At its meeting held on October 14, the University Council accepted Senate's proposal and approved the following calendars of dates for 1990 and 1991. The dates are normally determined well in advance to help those who are planning conferences and other activities.

### 1990 Academic Calendar

#### Summer Session

- 11—22 December 1989 (two weeks)
- 25 December 1989 — 5 January 1990 (recess — two weeks)
- 8 January — 9 February 1990 (five weeks)
- 12 — 16 February 1990 (examinations — one week)

#### Session 1

- 19 — 25 February (orientation — one week)
- 26 February — 15 April (seven weeks)
- 16 — 22 April (recess — one week)
- 23 April — 10 June (seven weeks)
- 11 — 17 June (study recess — one week)
- 18 June — 1 July (examinations — two weeks)
- 2 — 15 July (recess — two weeks)

#### Session 2

- 16 July — 23 September (ten weeks)
- 24 September — 7 October (recess — two weeks)
- 8 October — 4 November (four weeks)
- 5 — 11 November (study recess — one week)
- 12 November — 2 December (examinations — three weeks)

### 1991 Academic Calendar

#### Summer Session

- 10 — 21 December 1990 (two weeks)
- 24 December 1990 — 4 January 1991 (recess — two weeks)
- 7 January — 8 February 1991 (five weeks)
- 11 — 15 February 1991 (examinations — one week)

#### Session 1

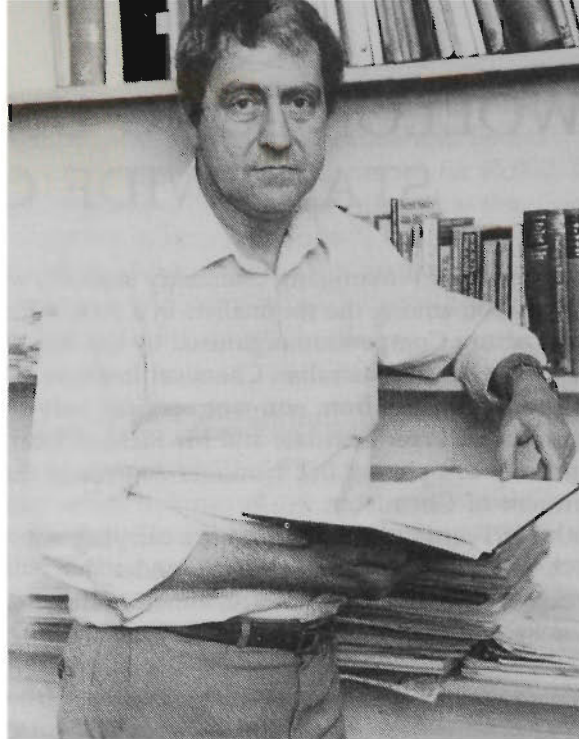
- 18 — 24 February (orientation — one week)
- 25 February — 31 March (five weeks)
- 1 — 7 April (recess — one week)
- 8 April — 9 June (nine weeks)
- 10 — 16 June (study recess — one week)
- 17 — 30 June (examinations — two weeks)
- 1 — 14 July (recess — two weeks)

#### Session 2

- 15 July — 29 September (11 weeks)
- 30 September — 13 October (recess — two weeks)
- 14 October — 3 November (three weeks)
- 4 — 10 November (study recess — one week)
- 11 November — 1 December (examinations — three weeks)

### May Graduation 1989

At its October meeting, Council determined that Graduation ceremonies will be held from Tuesday 9 to Friday 12 May 1989. University Day occurs on Monday May 8.



Dr Ian McLaine

### Documentary Honour for Ian McLaine

Britain's Channel 4, perhaps the most highly regarded television network in the English-speaking world, is to screen a documentary/drama based substantially on a chapter in Dr Ian McLaine's book, *Ministry of Morale*. While on study leave, Dr McLaine spoke in London with the producer of the program and advised on the script.

The program explores the contortions through which the wartime British government, led by the bitterly anti-Bolshevik Winston Churchill, had to pass in order simultaneously to celebrate the Soviet war effort (and 'Uncle Joe' Stalin) and to ensure that British communists did not thereby gain any reflected glory.

The hour-long presentation makes use of original film footage, including a huge Red Army Day rally in the Albert Hall, as well as re-enactment of the urgent discussions which took place between the politicians and propagandists at the time.

Although a serious commentary on a neglected aspect of the Second World War, the program nonetheless reflects the more ironic touches of what A.J.P. Taylor, in his *Observer* review, called 'the funniest book I have read for a long time'.

### The University of Wollongong Long Gallery Hosting Bicentennial Children's Art Exhibition

Deidre Armstrong and Sylvia Rice, assisted by Beryl Bowman, have created this exhibition. It draws from numerous entries by schools in the Illawarra. The range covered is Years 6 to 12. It is a delightful blend of fresh imagery and inventiveness, with several of the older pupils doing work of remarkable sophistication, especially the in larger prints.

Selected works will be reproduced as coloured postcards and the best four exhibits will be shown in December in the City Gallery. An exhibition not to be missed, it may be seen daily Monday to Friday, 9 am to 4 pm. It closes on Sunday November 6. It will be followed by a graduating exhibition on Friday November 18 and this in turn will be followed by a five-person post-graduate exhibition.

Gabriella Frutos, who is completing her mosaic for the

Mall, hopes to have it finished within a month. When completed it will be formally handed over by the University to the City of Wollongong as a bicentennial gift. Gabriella graduated in the School of Creative Arts with a high distinction in painting in 1987. She then studied and obtained her teaching certificate at this University. As well as executing this mosaic she is also teaching in the Illawarra. Gabriella also has work in the University Permanent Collection.

### **Big Band and Strings**

The Conservatorium of Music in conjunction with Westfield Shoppingtown, Figtree, will present the Big Band and Strings, Kerrie Biddell Sings, plus Four Giants of Jazz, at Wollongong Town Hall, on Friday November 11. The concert will begin at 8 pm.

The program will feature a broad selection of 'very listenable' music, from Bach to Basie. Compositions, many penned by Don Harper himself, will be performed by Don and the Show Band, Don and The Swinging Strings and a combination of Big Band and Strings. Guest performers will combine with the rhythm section and strings, with the finale an 'all in' combination of the Pops Orchestra and guest artists Kerrie Biddell, Julian Lee, and Bob Barnard.

Admission charges are adults \$12, concession \$8, students, children and pensioners \$6.

### **School of Creative Arts – Diary of Events**

#### **November**

#### **Wednesday 2**

Graduation play by Final Year Theatre students, Bridge Theatre, Coniston, 8.15 pm.

#### **Thursday 3**

The Art of Lunch. Music Auditorium. School of Creative Arts lecturer, Wayne Dixon, leads Musical Theatre students in a Cabaret performance. 12.35 pm to 1.25 pm.

Graduation Play by Final Year Theatre Students at Bridge Theatre, Coniston, 8.15 pm.

SCAW Ensemble concert featuring music by Andrew Kobin, Morton Feldman, Roger Reynolds, Alison Bauld, Liza Lim and Giancinto Scelse. Pitt Street Uniting Church, Sydney, 8 pm.

#### **Saturday 5**

Graduation play by Final Year Theatre students at Bridge Theatre, Coniston, 8.15 pm.

### **Sixth International Meeting of University Administrators**

The Sixth International Meeting of University Administrators will be held at the University of Maryland College Park, USA, from 23–28 July 1989. Over 800 inquiries from 75 different countries have been received.

Interested University Administrators are encouraged to register early to insure participation. The contact person is John A. Bielec, Chairman, US Organising Committee, Sixth International Meeting, Assistant Vice President for Administration, University of Maryland, 1132 Main Administration, College Park, Maryland 20742.

### **The Wollongong Fun Run**

Some 350 stalwarts — many from Sydney as well as from Wollongong — turned out for the Wollongong Gas-University Fun Run on Sunday October 16. The start was at the University Oval and the 8 km route took the field

round a circuit of local streets. The regulations made it clear that this was a run, and that bicycles, skate boards and roller skates were ruled out.

The steering committee was made up of nine students from Human Movement, who are specialising in recreation and sports management, along with Dr Alastair Boag who lectures in Recreation and Sports Management.

Sponsors apart from Wollongong Gas were the National Australia Bank, South Coast Fitness Centre, Hotel Illawarra, and Better Sports Pty Ltd.

## **Friends of the University**

### **Ethel Hayton Visiting Fellowship — Progress Report**

The drive to raise \$45,000 to endow permanently the Ethel Hayton Visiting Fellowship in Religious, Spiritual and Contemplative Studies has taken another step forward with a donation of \$200 from the Wollongong District Finnish Society.

The President of the Wollongong Fins, Mr Jack Laajoki, presented the cheque to Mr Giles Pickford of the Friends of the University, saying that many members of the Finnish Community remembered Miss Hayton very well and wished her memory to be honoured through the creation of a Visiting Fellowship at The University of Wollongong.

Donations to the Fellowship now total \$2,300 and a further \$1,000 has been promised by the Zonta Club of Wollongong.

Donations of \$100 and over have been made by The Wollongong District Finnish Society; The Commonwealth Bank of Australia; Ian McPhail; Peat, Marwick Hungerfords; Edgar Beale; Illawarra Mutual Building Society; Philip Laird; Ben Meek; George Parianos; Mr and Mrs A. Johnston.

Inquiries to Friends of The University of Wollongong, telephone (042) 27 0073.

### **Giles to the ANU**

Giles Pickford, the first Executive Officer of the Friends of the University, will take up an appointment as Public Affairs Officer at the Australian National University. He leaves on November 20.

### **Dr Frank Smith Symposium**

Dr Frank Smith, eminent language educator from Canada, author of *'Joining the Literacy Club'*, *'Insult to Intelligence'* and other publications, will be speaking at a symposium on Tuesday November 8.

Where: Wollongong University Union Hall

Time: 4 pm — 9 pm

Registration: \$35

Contact: Anna Rousch (Uniadvice) 27 0956 (3956)

This symposium will be of great interest to educators, researchers and those involved in primary and secondary education.



## Staff Roundup

### New Guidelines

The guidelines under the *Study Time, Pre-Examination Leave and Examination Leave for General Staff* provisions have been amended and will come into effect in January 1989.

A booklet is currently being prepared by the Staff Development Unit for distribution to all heads of departments and staff members currently taking study time leave.

The main differences between the current policy and proposed policy are as follow:

#### Proposed Policy

- strictly defines the categories of staff eligible for study time
- requires demonstration by the staff member of relevancy of the studies to their work/future work
- in line with EEO practices, eligibility extended to part-time staff for study time on a proportionate basis
- provision for the list of approved courses to be extended to include new offerings (particularly for courses aimed at EEO target group members)
- provision for the study of incidental subjects which can be a valuable source of inexpensive staff training
- maximum of 15 days of leave to attend compulsory Residential Schools

#### Current Policy

- unstated
- demonstration explicitly not required
- unstated — however applications from part-time staff were not approved in practice
- no provision
- study of incidental subjects not allowed
- unstated

There has also been an alteration to the study time provisions for part-time higher degree courses.

Provision for degrees by course work remain the same.

Candidates undertaking a higher degree by research and thesis are now allowed the equivalent of 20 days study over the period of the course as opposed to ten under the old guidelines.

If the degree is by course work and thesis, then normal provisions apply for coursework and ten days are granted for the preparation of the thesis (as opposed to five days under the old guidelines).

Applications for Study Time are available from the Personnel Services Branch.

Applicants are reminded that the following must be included with the application:

- Proof of course enrolment.
- Full details of all subjects being undertaken.
- Details of hours of attendance.
- Details of previous years academic results where applicable.
- If it is a first time application then a statement of how the course is relevant to the employees current or future employment should be included.
- To be approved the application must be recommended by the head of Department/Unit.
- If the application is not approved it should be returned to Personnel Services Branch regardless.

Booklets should be available from Personnel Services Branch by the end of November and all staff anticipating taking study time in 1989 should read the guidelines before applying.

For any further information please contact Shirley Jorgensen, the Staff Development Coordinator on ext 3946.

### Introduction to the University

This program considers aspects of the University that new members of staff need to know about — how the University developed, personnel policies that may effect their careers, EEO and what it means, what the Administration does and, weather permitting, a tour of the campus.

Target audience: New members of general staff who have not yet attended.

When: December 13.

Duration: 9 am to 1 pm.

Where: Council Room.

Return Date: November 23.

Inquiries: Shirley Jorgensen, ext 3946.

### Staff Development Courses

Deadline for submissions of applications for Development Leave for General Staff has been extended to Tuesday November 15.

Development leave may be taken either in Australia or overseas and is intended to enable a staff member to complete a program of study or visits of mutual benefit to both the staff member and the University.

Contributions to travel and other costs may be available.

The conditions of leave and the guidelines for filling in applications may be obtained by contacting the Staff Development Coordinator, Shirley Jorgensen, ext 3946.

### Marina Evans

Marina Evans (Student Administration) had a baby girl on Friday October 21. Named Lyndal, she weighed 7lb 6oz and measured 19-3/4 inches long.

### We Have Moved

The Centre for Work and Labour Market Studies is now located at 11A Cowper Street, Fairy Meadow — an extension of Campus East.

Our phone number remains 27 0983 (3983) but please note our external numbers 85 1582 and 85 1654.

All welcome to visit us in our new surroundings.

# 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.

## ANSTO Education and Training Centre Radiation Protection Course No 12

The above course is being held from February 6 to 3 March 1989. The Australian Institute of Nuclear Science and Engineering (AINSE) will give consideration to proposals from members of academic staff for limited financial support towards costs involved in attending this course (up to a maximum of \$1000).

Applications close with the University on December 2.

## World Wildlife Fund Australia

The World Wildlife Fund of Australia invites applications for funding for projects supporting the conservation of native flora and fauna and their habitat and to raise awareness in the general community of the need for nature conservation.

Applications close with the University on November 16.

## National Agenda for Women Grants Program

Applications are invited by the Office of the Status of Women for funding of research which reflects the priorities identified through the consultation on the National Agenda for Women.

Applications close with the University on November 24.

## ATERB Research Project Grants

The Australian Telecommunications and Electronics Research Board invites applications for specified Grants-in-Aid and Major Project Grants at Australian Tertiary Institutions.

Applications close with the University December 16.

## Australian Special Rural Research Fund 1989-90 Research Grants

The Australian Special Rural Research Council invites applications for assistance from the Special Rural Research Fund.

The purpose of the fund is to provide financial assistance for research and development into aspects of marketing, processing, storage, transport or production, relating directly to rural industries outside the scope of specific rural industry research fund schemes. These currently exist for barley, chicken meat, cotton, dairying, dried fruit, honey, fish, grain legumes, oilseeds, meat and livestock, pig, poultry, tobacco, wheat, wine grapes and wine, wool, citrus, apples and pears.

Applications close with the University on December 17.

## Rolls-Royce-Qantas Award for Engineering Excellence

The Warren Centre for Advanced Engineering within the University of Sydney, Rolls-Royce PLC. and Qantas

## Previously Reported in Campus News

|  | Internal Closing |
|--|------------------|
| Lionel Murphy Scholarships                           | November 16      |
| Canada Australia Bicentennial Research Awards        | 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      |
| Packer Cambridge Scholarships                        | December 1       |
| Spencer Fellowship Program                           | December 9       |
| ATERB Grants   | December 16      |
| ASRRF GRANTS   | December 17      |
| Chicken Meat Research                                | December 17      |
| Canadia Faculty Awards                               | January 17       |
| Rolls Royce-Qantas Award for Engineering Excellence  | January 17       |
| Amy R. Hughes Scholarship                            | February 1       |
| IDP Research Funding                                 | Any time         |
| Utah Foundation                                      | Any time         |
| Criminology Research                                 | Any time         |
| Pig Research Council -- Support for Eminent Visitors | Any time         |
| MERA Project Grants                                  | Any time         |
| Clive and Vera Ramaciotti Travel Grants              | Any time         |
| James N. Kirby Foundation                            | Any time         |
| Telecom Research Laboratories                        | Any time         |
| NSW State Cancer Council                             | Any time         |

Airways Limited are pleased to announce the 1989 Award for Engineering Excellence in Manufacturing and Related Fields.

The Warren Centre Medal and the Rolls-Royce-Qantas Award of \$20,000 will be presented to the person judged to have done the most in the previous year to exemplify engineering excellence in Australia in the manufacturing and related fields.

Applications close with the University January 17.

## Spencer Fellowship Program

Applications are invited for the Spencer Fellowship Program for students who will have received their PhD, EdD or equivalent no earlier than 1 January 1983.

Applications close with the University on December 9.

## Chicken Meat Research Council

Applications are invited for research grants and junior research fellowships to conduct research relating to the chicken meat industry.

Applications for grants close with the University on December 17 and for fellowships any time.

## World Health Organisations Grants

The World Health Organisation invites applications for 'seed money' for problem-solving orientated research in the areas of health systems; disease vector control; parasitic diseases; diarrhoeal diseases; hepatitis B infections; acute respiratory infections; and mental health and health behaviour.

Applications close with the University any time.



**A Safe Pick-up**

Working on the premise that prevention is better than cure, the University has responded to safety concerns voiced by members of staff. These relate to the potential dangers of waiting for NRMA vehicles at an unattended entrance after the patrol staff leaves at 5 pm.

The NRMA quite understandably requires well-known pick-up points to avoid futile searches for cars in trouble but the main entrance has little shelter and can be a lonely spot at certain times of night.

New arrangements have now been made with the NRMA. During the hours of 8 am and 5 pm the NRMA will continue to come to the patrolled eastern or western entry points. Between the hours 5 pm and 8 am the new collection point will be the Union service road. This will enable staff or student members to wait under shelter at the Union and is a central, less-isolated location.

**Discrimination And Age**

Although there have been recommendations to include age as a ground for unlawful discrimination in the Anti-Discrimination Act, age continues to be a source of discrimination which does not have legal sanctions in this country.

Thorny issues like retirement age, superannuation schemes, worker's compensation, pension schemes and taxation have put age into the 'too-hard basket' for legislators — but the problems remain.

An excellent report on 'Age Discrimination' has been produced by the NSW Council on the Ageing which is available through our office. Please contact us for more details if you are interested.

Kathy Rozmeta  
EEO Co-ordinator

*Paid Advertisement*

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FTIA, AAPA, AIMM, JP  
**REGISTERED LIFE UNDERWRITER**

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- APPROVED DEPOSIT FUNDS
- DEFERRED ANNUITIES
- REDUCED BROKERAGE FEES
- PLUS AFTER SALES SERVICE
- GOVERNMENT APPROVED
- TAX SHELTERED INVESTMENTS
- INSURANCE BONDS
- SUPERANNUATION
- INCOME PROTECTION
- SICKNESS, ACCIDENT
- LIFE INSURANCE
- 29 8905**

• INDEPENDENT AGENCIES WITH EIGHT  
SEPARATE INSURANCE COMPANIES  
**47 Langson Avenue, Figtree 2525**

**Seminars**

**Centre for Work and Labour Market Studies**

Date and time: Friday November 4, 9.30 am to noon.

Venue: Building 19, room G005.

Topic: *Evaluation of Changes in Work and Management Practices.*

Inquiries: Frances Sullivan, ext 3983.

**Geography Department Student Series**

Room G027, 12.30 to 1.30 pm each Wednesday.

November 2

Speaker: Ian McMaugh

Title: *Landslip associated with the 1984 Dapto flood* (MSc progress report)

Date to be determined

Speaker: Jerry Maroulis

Title: *Fluvial sediment transport in the Channel Country of Queensland; a flume study* (MSc progress report).

**Geography Department Staff and Visitors' Series**

Room G027, 12.30 to 1.30 pm each Thursday.

November 3

Speaker: Mr Peter Nielsen (DPW Sydney)

Title: *Time series measurements of watertable fluctuations through a foredune at Dee Why.*

November 10

Speaker: Dr Janet Hooke, Portsmouth Polytechnic

Title: *Causes and nature of river channel adjustment.*

**Department of Biology Seminar Series Session II**

The Department of Biology seminars are held at The University of Wollongong on Wednesdays at 3.30 pm in Room 19, Building 35.

November 2

Speaker: Mr Troy Collie, University of Newcastle.

Title: *The ecology of the evening butterfly.*

**Department of Chemistry**

Speaker: Dr Gerard Heneghan, Deakin University.

Topic: *Electrochemistry of de-hydro amino acids.*

Date and time: November 3, 11.30 am.

Venue: Building 18, room 203.

**Department of Mathematics**

Speaker: Dr M.R. Osborne, Department of Statistics, The Australian National University.

Topic: *Computing in Statistical Computing.*

Date and time: Monday November 7, 2.30 pm.

Venue: Room 204 (Austin Keane Building).

**DEPARTMENT OF COMPUTING SCIENCE**

Seminar scheduled for November 4 (speaker Dr Jerry J. Korczak) is cancelled.

**For Sale**

Women's 14k gold diamond wedding/engagement rings (3). Sizes M, M-1/2, and O. Price: one-half appraisal value. Please call Mark ext 3023 or 83 5621.

**Tea Chests**

Seven tea chests with lids, \$2 each. Telephone Lee-Anne Owen, ext 3920.

**Sound System**

Stereo with two speakers for sale, only \$35. Contact 27 0058.

**Wanted**

Lecturer and family require three- or four-bedroom furnished house to rent January to June 1989. Please reply to M Atkins, School of Industrial and Administrative Studies, ext 3759 or (042) 29 5740.