



# THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

Distributed each Tuesday

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of previous week

Editor: George Wilson, Tel. (042) 270391

11 August 1987

## NEW ADMISSIONS POLICY INCLUDES INCREASED ENTRY LEVELS

The University of Wollongong has announced a new admissions package for 1988 which includes increases in minimum entry levels and attractive incentives for good-quality students.

In a recent letter to schools, principals and careers advisers were notified of the following changes.

Student enrolments at the University have increased dramatically in recent years from 3,000 in 1981 to over 8,000 this year. Fifty-four per cent of the 1987 intake came from the Sydney area. Entry levels for universities and colleges are usually set in January when the Higher School Certificate results have been determined. The rapid growth and increased popularity of The University of Wollongong would have inevitably resulted in raised entry levels. It was decided to set these levels and announce them early to give students the opportunity to make realistic decisions for next year and facilitate orderly planning. Minimum entry levels will range from 269 to 320 based on the Seneta Scaled Aggregate.

### ***Guaranteed entry for some students***

To assist students to plan their future programs of study

with greater certainty, applicants with an aggregate of at least 340 and the necessary prerequisites will be guaranteed admission to Applied Science, Commerce and Education (Physical and Health). Guaranteed entry to all other courses will require an aggregate of at least 300. Priority for admission below the guaranteed entry level, if places are available, will be given to the best-qualified applicants in descending order of aggregate until the quota for each course is filled or until the minimum entry level is reached.

### ***Scholarships for meritorious students***

Apart from ten undergraduate scholarships of \$1,100 each currently available on merit to applicants on their first-year enrolment, the University is offering six further scholarships to meritorious students. These scholarships are to be determined on the basis of the trial Higher School Certificate examination and offer generous benefits for full-time study, including fees, accommodation and a living allowance.

The Acting Vice-Chancellor, Professor Ian Chubb, said 'These initiatives should make entry more assured for those students whose HSC aggregates are adequate for the course they seek to enter. The University also recognises that it has a particular responsibility to the Illawarra community and has set up special arrangements within its new admissions policy to make tertiary education more accessible for students attending Illawarra schools'.

Professor Chubb is available for comment. Contact Gillian Curtis (Media Liaison) (042) 270926.

## University Day 1987

*You are cordially invited to attend the 1987 University Day Address on the occasion of our twelfth anniversary.*

Speaker: Mr Jerry Ellis, General Manager, BHP Steel International, Slab and Plate Products Division.

Topic: Challenges Facing the Universities' Pursuit of Excellence.

Date: Friday August 14 at 6 pm.

Venue: Engineering/Science Lecture Theatre, Building 35, Room G45.

The address will be chaired by the Chancellor, The Hon Justice Hope, CMG.

After the address the Ethel Hayton Trophy will be presented to the Department or School in the University that has made a notable achievement in an activity which has resulted in increased community support for the University.

RSVP to Muriel Murada, Friends of the University of Wollongong (042) 270082.

*John Craig (middle) maths teacher showing interested students problems that could be encountered in the HSC Maths exam during the HSC Winter Vacation Program organised by the Centre for Continuing Professional Education (see overleaf)*



## General Notices

### HSC WINTER VACATION PROGRAM

A highly successful HSC Program organised by the Centre for Continuing Professional Education was held at the Pentagon recently.

A great subject range was presented by lecturers who were selected from teachers suggested by the Department of Education.

Some 450 participants from all over NSW gained additional skills towards their final exams. Some students stayed at Weerona and found it much to their liking.

### CANCER APPEAL—A—THON

The University Secretary, Mr Ken Baumber, has received the following letter from the Co-ordinator of the Cancer Appeal-a-thon.

'Now that the Cancer Appeal-a-thon is almost over, I would like to thank all the employees in your organisation who contributed to its success by making regular donations from their pay.

The payroll deduction schemes instituted around the Illawarra raised, in total, over \$300,000 towards our target of \$1.5 million.

You will, I'm sure, be as delighted as we are that the Appeal has been successful and \$1.5 million is safely invested until the Linear Accelerator can be purchased. We understand from the Department of Health that the new building may be completed by 1991, at which time the machine will be purchased and installed in the Radiotherapy Unit.

Any further monies raised, and any interest accruing over and above the money required for the accelerator, will be put towards the purchase of another essential machine for the radiotherapy unit, a simulator. If we can purchase a simulator, cancer patients can have their radiotherapy planned here in the Illawarra, as well as receiving their treatment on the Linear Accelerator.

Be assured that the donations of your employees have been very much appreciated, and we will continue to work towards the early installation of this vital equipment at Wollongong Hospital.

Vivien Twyford,  
Co-Ordinator.

### DO YOU HAVE READING AND WRITING DIFFICULTIES?

The University of Wollongong is looking for adult volunteers with reading and writing difficulties who are willing to participate in a program which puts into practice the latest theories for teaching dyslexic adults to read and write.

All applications will be treated in strictest confidence.

For further information contact The Secretary, Centre for Studies in Literacy, The University of Wollongong, phone 270973.

### THE AUSTRALIAN INSTITUTE OF MINING AND METALLURGY ILLAWARRA BRANCH

#### August Technical Meeting.

Date: Wednesday August 19

Place: Pentagon — Lecture Theatre 1, The University of Wollongong

Time: 7 pm for 7.30 pm

Speaker: Mr John Aubrey, Manager, Computing Service, ACRIL

Topic: Expert System for Roof Control — Initial Concepts Branch Calendar:

September 8 — Students' Forum

October 21 — 'New Market Alternatives for the Australian Coal Industry' by Mr E.B. Gillon, Joint Coal Board (Venue: Pentagon, Lecture Theatre 1).

### LANGUAGES IN TERTIARY EDUCATION

A public discussion on the role of languages in tertiary education was held at Monash University yesterday, Monday August 10.

It was arranged to mark National Languages Week, called by the Australian Federation of Modern Language Teachers' Associations to draw attention to the publication of the National Policy on Languages.

A special guest speaker was Mr Joe Lo Bianco, of the Commonwealth Schools Commission, whose subject was 'The place of languages in universities under the National Policy on Languages'.

### CSIRO BOARD INTRODUCES MAJOR REORGANISATION

The Chairman of CSIRO, Mr Neville Wran QC, has announced that CSIRO — Australia's largest research body — is to undergo a major reorganisation aimed at placing greater emphasis on the link between scientific research and its economic and social benefits to Australia.

Mr Wran said: 'The changes are designed to ensure that CSIRO plays a major role in the development of Australia's manufacturing and technological capacity in the years ahead.'

The Board's decision is an historic step which recognises the intrinsic role of fundamental research, while at the same time declaring that CSIRO will be contributing strongly to the current restructuring of Australian industry.

He said that under the reorganisation:

- the existing CSIRO structure of 41 divisions grouped into five institutes will be changed to 32 divisions grouped into six institutes;
- the new divisions and institutes will be more closely allied to industry and community groups;
- there will be tighter monitoring of research to maximise its economic or social value to the Australian community, while maintaining the scientific excellence for which CSIRO has a world-wide reputation;
- the divisions and institutes will perform much more of their own administrative work, reducing the number of tasks performed at the CSIRO corporate centre in Canberra and cutting red tape;
- line management will be strengthened by giving chiefs of divisions and directors of institutes greater authority while at the same time being made more accountable for their decisions and efficient use of resources;
- a vigorous program of management training will be introduced;
- and the corporate centre will be streamlined.

Mr Wran stressed that the main role of CSIRO would continue to be to perform long-term research which is beyond the capabilities of individual Australian companies or agencies.

He said the Board had rejected any simplistic view of the organisational needs of CSIRO. The Board has opted for a fundamental reorganisation designed to relate CSIRO's outstanding research and scientific skills to the longer-term needs of Australia and to the needs of specific industries.

A project team would be established to implement the reorganisation following the appointment of directors. The Board's decision is that the fundamental changes should go ahead quickly.

### INTERNATIONAL LUNCHEON

Approximately 80 guests attended a lunch held recently at International House, the student hall of residence. Dishes ranging from an exotic Egyptian dessert to the not-

so-humble hand-made sausage were expertly prepared and presented by students representing the many nationalities living in the house. The function was sponsored by the National Australia Bank. Official guests included representatives from the bank as well as Board of Management members, Professor Murray Wilson, Olwyn Wilson and Dr John Panter.

The cuisine was of a high standard — satisfying even the most discerning of palates.

## RELAXATION AND STRESS MANAGEMENT

A new course will begin on Monday August 17 from 7 to 9 pm at the Northern Lounge in the Union Building. The basic program is of eight weeks duration and is divided into theory and practice.

Topics covered are the stress factors in the mind, emotions, body, nutrition, environment. Skills taught and practised are dynamic relaxation meditation, concentration, breathing, visualisation affirmations, Hatha yoga.

The aim of the program is to teach participants the causes and effects of stress in their lives and to give them as many techniques as possible to manage stress under all circumstances and situations. The classes take a maximum of 20 people, so there is no lack of individual attention. Each night includes a period of deep relaxation.

The program will continue until mid-December. Cost of the basic eight weeks is \$50, less \$10 deposit then \$7 for each separate evening.

It is entertaining, informative and very practical. All welcome. Bookings and inquiries — Jonathon, Active Development and Motivation, (042) 289704.

## WRITER'S CLUB ACTIVITIES

Tuesday August 18, 7.30 pm — Writing Room, Gleniffer Brae — Writers' Club Meeting and Writing Workshop

Friday September 4 — Submissions close for SCARP 11

Tuesday September 8, 7.30 pm — Writing Room, Gleniffer Brae — Poetry and Prose Reading

Monday September 14 — Writing Camp. Venue and arrangements to be advised

Monday September 21 — Entries close for Philip Larkin Prize

Tuesday September 22 — Harold Park Hotel. Reading. 5.30 pm bus departs from Gleniffer Brae

Tuesday September 29, 12.30 pm — Northern Lounge, University Union — Public Reading. Speaker to be announced

Tuesday October 6, 7.30 pm — City Art Gallery. Launch of SCARP 11

Tuesday October 13, 7.30 pm — Writing Room, Gleniffer Brae — Writers' Club Meeting and Writing Workshop

Thursday 22, Friday 23 and Saturday October 24 — Music Auditorium. Writers' dramatic production.

For further details contact Ron Pretty on 270867 or 270985.

## Changing Face of the Campus

### TWO NEW BUILDINGS STARTED

*This article, looking at the dramatic changes to the face of the campus as new buildings are completed and others started almost, it seems, by the week, is intended to be the first of a regular series.*

Two new building projects were started on campus on Monday July 20 — **the Science Teaching Laboratory and a Store**. The buildings will be constructed next to each other

in the area between the Science Wing of the new Engineering/Science Building and the Landscape Building. In fact, the Store will be an addition to the existing Landscape Building.

Both projects have been designed by architects Graham Bell and Bowman Pty Ltd, and will be constructed by Burnshaw Constructions Pty Ltd. Although the projects are separate for contractual and financial purposes, they will, for all other purposes, be treated as one project. The buildings are due for completion on 12 December 1987.

The **Science Teaching Laboratory** is a two-story building of approximately 1,000 sq m. Level 2 (upper level) will contain a large laboratory with the capacity to accommodate up to 150 students and will be used for the teaching of first year Chemistry and Biology classes. Preparation rooms and store rooms for both Chemistry and Biology will also be provided. Level 1 will eventually be used as research laboratories but due to lack of funds only the small entrance foyer to the building, toilets and a store will be constructed at this time. The balance of the lower level will be completed as funds become available. Funds and the remainder will be from the University's General Development Fund.

The **Store Building** will partially replace the old storage shed which was located near the new Western Entrance. Half of the old shed has been removed; the second half will go when the new store is completed.

The new store will provide approximately 400 sq m of space and will house the Central Store and the Maintenance Carpenters' Timber Store. The budget for this building is \$180,000. Funds are being provided from the University's Special Services Fund and from Minor Works.

K.E. Turnbull  
Manager, Buildings and Grounds

## Friends Campus Community Interface

### ANGLICAN SCHOLARS' GROUP

The Anglican Scholar for 1987 will be Mr John Roe. Mr Roe is a lecturer in Education at Sydney Institute of Education. He is presently on study leave completing a PhD at the University of Tasmania in the area of Democracy and Education.

Lunch-time lecture: Tuesday August 11, building 19 G14 at 12.30 pm. Topic: Ethics, Education and Anglicanism.

Dinner lecture: Union Board Room, 7.15 for 7.30 pm. Topic: Democracy and the Preservation of Values (3 course meal \$15.50).

RSVP: The Rev. Raymond Heslehurst, telephone 295561 by August 7.

### VOLUNTEERS PLEASE

The Graduates Group of the Friends needs three or four volunteers with Class 1B driver's licenses to pilot the 11-seater University mini-bus around the campus ring-road on Sunday October 11 — University Open Day. These members will be credited with service to the University on their Friends record and this will be counted towards Life Membership of the Friends.

Volunteers should ring Friends Secretary, Muriel Murada, on (042) 270082.

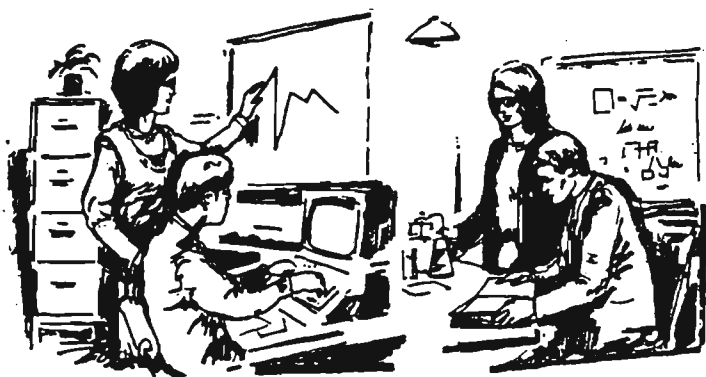
### PROGRAM OF EVENTS AND MEETINGS

August

Wednesday 12 — Projects Committee, 5 pm, building No. 36, room 303

Friday 14 — University Day Address, 6 pm, building 35 room G45





## Staff Roundup

### THE 'NEW' SUPERANNUATION FUND VIDEO

Staff who are eligible to join the State Public Service Superannuation Fund (or 'new' fund) may be interested in viewing a video on the fund, designed to explain its operation and answer likely queries. To make an appointment please contact Wendy Raikes on ext 3946.

### DO YOU SEE THEM?

The University, as well as advertising its vacancies fortnightly in the local newspapers, distributes notices of these and other vacancies (eg Job Rotation circulars) throughout the campus. Interested staff should ensure they see these notices at least fortnightly. If not, staff should contact their department/section secretary or their supervisor to ensure access to vacancy notices. Staff who are unsure where notices are sent in their vicinity may contact Gary Graham on ext 3935.

### STUDY LEAVE SESSION 2

The following staff will be absent on study leave during Session 2.

- Mr M. Atkinson, Metallurgy and Materials Engineering, 15.7.87–15.2.88
- Dr R. Badham, Science and Technology Studies, 20.7.87–20.1.88
- Dr A. Basu, Mechanical Engineering, 15.7.87–17.2.88
- Dr M.J. Boyd, Civil and Mining Engineering, 28.8.87–13.9.87
- Mrs J. Castle, History and Politics, 1.7.87–25.1.88
- Mr R. Castle, Economics, 1.7.87–25.1.88
- Mr R.W. Colvin, Education, 1.10.87–27.11.87
- Dr P.T. Crisp, Chemistry, 4.7.87–31.1.88
- Mr J.W. Dixon, Creative Arts, 1.7.87–31.12.87
- Dr G.P. Dunne, Metallurgy and Materials Engineering, 4.7.87–26.1.88
- Dr A.J. Fielding, Education, 13.7.87–10.2.88
- Dr C.A. Freeth, Physics, 6.7.87–12.2.88

*Cheerful trio in the Biology lab are, from left, Alison Jonusys, PhD student, Bill Petelo, from Tonga and also a PhD student, and Belinda Drury, research assistant to Dr Ted Steele*



- Mr R.C. Gall, Education, 1.8.87–6.12.87
- Dr N.A.B. Gray, Computing Science, 8.12.86–7.12.87
- Ms J. Hammond, Education, 2.2.87–18.12.87
- Dr M. Hough, Industrial and Administrative Studies, 1.7.87–19.2.88
- Dr J.M. Jones, Education, 13.7.87–10.2.88
- Dr M.J. Lowrey, Civil and Mining Engineering, 13.7.87–13.1.88
- Dr M.A. Magdy, Electrical and Computer Engineering, 13.7.87–8.2.88
- Dr J.N. Mathur, Physics, 1.7.87–28.2.88
- Mr W.D. McGaw, English, 1.7.87–31.12.87
- Dr D.G. Montgomery, Civil and Mining Engineering, 13.7.87–11.1.88
- Mr B. Rogers, Education, 1.7.87–14.12.87
- Ms A.K. Salleh, Sociology, 15.6.87–15.2.88
- Dr P.E. Simmonds, Physics, 1.2.87–30.11.87
- Ms J. Steele, Health Sciences, 20.7.87–12.12.87
- Mr M.R. Stone, Education, 13.7.87–30.11.87
- Mr G.E. Tibbits, Accountancy and Legal Studies, 20.7.87–31.1.88
- Dr K.P. Tognetti, Mathematics, 1.7.87–14.2.88
- Ms S.M. Uniacke, Philosophy, 5.1.87–14.11.87
- Assoc Prof L.L. Viney, Psychology, 1.7.87–30.11.87
- Mr W.N. Winsor, Education, 29.6.87–31.12.87
- Ms A.L. Worthy, Mathematics, 13.7.87–16.2.88
- Dr A.J. Wright, Geology, 14.8.87–28.8.88
- Mr A. Zelinsky, Industrial and Administrative Studies, 7.7.87–23.12.87

### CURRENT VACANCIES

- Graduate Assistant (Planning), Planning and Marketing, closing date August 14
- Senior Administrative Officer Grade 1 (Finance), Financial Services Branch, closing date August 14
- Attendant (Mail Room), Financial Services Branch, closing date August 14
- Clerk, Michael Birt Library, closing date August 14
- Further details: Gary Graham, ext 3935.

### STAFF CHANGES

#### NEW STARTERS

- Mr C.J. Fairlie, Gardener/Tradesperson, Maintenance and Services
- Mrs D. Davies, Secretary, Financial Services Branch
- Mr E.A. Ahern, Patrol Officer, Maintenance and Services
- Mrs S. Abercrombie, Secretary, Economics
- Mr B.G. Bowman, Electrical Fitter/Mechanic, Maintenance and Services
- Ms C.J. Kungl, Secretary, Centre for Multicultural Studies
- Ms C.A. Gleave, Research Officer, Centre for Studies in Literacy
- Mr D. Young, Lecturer, Creative Arts
- Dr K.J. Ausburn, Lecturer, Physics
- Dr H. Wijewardena, Lecturer, Accountancy and Legal Studies
- Mr T. Dixon, General Assistant, Buildings and Grounds
- Miss L.J. Granziera, Visiting Teaching Fellow, Economics
- Ms S.D. Mark, Teaching Fellow, Economics

#### TRANSFERS/PROMOTIONS

- Mr G. Watkins, Crew Chief Attendant Cleaner, Maintenance and Services
- Mr G.E. Elrick, Crew Chief Attendant Cleaner, Maintenance and Services
- Mrs J. Bitter, Creditors Clerk, Financial Services

#### DEPARTURES

- Ms B. Flick, Technical Officer, Deputy Vice-Chancellors Unit
- Mr A. Di Pietro, Air Conditioning Mechanic, Maintenance and Services

# Research Funds

*The following sources of research funds are now available to members of academic staff. Further information including application forms may be obtained from Annette Read (ext 3386) or Ian Strahan (ext 3079). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Postgraduate Studies.*

## FRENCH-AUSTRALIA EXCHANGE POSTDOCTORAL FELLOWSHIPS IN BIOMEDICAL SCIENCE

*L'Institut National de la Sante et de la Recherche Medicale* (INSERM) and the National Health and Medical Research Council (NH & MRC) awards Postdoctoral Fellowships to French and Australian researchers to enable them to carry out research work in Australia and France respectively.

The Fellowships are awarded to enable Fellows to work overseas on specific research projects within the biomedical sciences. This fellowship is offered to a young person of outstanding ability who wishes to make medical research a full-time career.

Applications close with the University on August 17.

## PIG RESEARCH COUNCIL STUDY AND TRAINING AWARDS 1986

The Pig Research Council (PRC) invites applications for the following study and training awards for the 1988 academic year: Postgraduate Research Awards, Extension Study/Training Awards, Officer Development Awards, Post-doctoral Fellowships, Pig Industry Junior Research Fellowships.

Applications close on October 16.

## AINSE RESEARCH GRANTS 1988

Applications are invited for support of new or continuing projects in the field of nuclear science and engineering. Applications for direct grants, credit grants for travel and accommodation, and credit grants for use of the Lucas Heights facility will be considered.

Applications close with the University on October 23.

## ENVIRONMENTAL RESEARCH

Expressions of interest in carrying out environmental research on Barrow Island tenable during 1987-88 are invited.

Without restricting applications, preference will be given to projects that are concerned with the conservation and management of endangered species.

Registration for 1987-88 closes on October 31.

## 1988 FULBRIGHT - AWARDS FOR AUSTRALIANS TO VISIT AMERICA

Applications are invited under the 1988 Fulbright program for study, research and learning in the United States commencing between 1 July 1988 and 30 June 1989. Awards are available under the following categories: Senior Awards, Postdoctoral Fellowships, Postgraduate Studentship.

All candidates must be Australian citizens by birth or naturalisation and must agree to return to Australia to reside on completion of the award.

Applications close with the University on September 16 for Postdoctoral Fellowships and Postgraduate Studentships and November 17 for Senior Awards.

## Scholarships and Prizes

### ASIAN LANGUAGE SPONSORSHIPS

Applications are invited by Quantas for:

- Fifty scholarships to promising students who wish to undertake Asian language training as an adjunct to their major studies, and
- Fifteen cadetships to students of Japanese and Mandarin who have a demonstrated ability in those languages and who would benefit from overseas language training and work experience.

Applications close August 21.

### COMMONWEALTH SCHOLARSHIPS FOR STUDY OVERSEAS

Applications are invited from Australian citizens for scholarships to undertake postgraduate study in the United Kingdom, Canada, Hong Kong, India, Jamaica, Malaysia, Malta, Nigeria, Sri Lanka, Trinidad and Tabago, Barbados and Uganda.

Applications close with the University on October 12.

### WELLCOME AUSTRALIA - MEDAL AND AWARD

Nominations have been invited for the Wellcome Australia Medal and Award from people working in the fields of medical science or the protection of crops. The award is to recognise distinguished discovery and its demonstrated use in the above fields. The award is valued at \$10,000.

Applications close with the University on November 30.

### PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
NH&MRC Program Grants	August 17
Australian Academies and Royal Society - UK Visits	August 18
Harkness Fellowship	August 31
Japanese Fellowship - Matsumae Foundation	September 16
Australian Academy of Humanities - Travel Grants	September 30
History of Culture in Australia Prize and Award	September 30
Cambridge Benians Fellowship	October 1
Nursing Research Grants	October 19
James N Kirby Foundation	October 19
World Bank Fellowship	October 19
AVCC Visiting Fellowships for Australians	October 19
Edinburgh Institute - Humanities Visiting Research Fellowships	November 16
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time

# **eEO news...**

## **EEO STATISTICAL FORMS**

Since the inception of the EEO Management Plan, it has been necessary to produce a number of forms to provide annual statistics on recruitment, selection committee membership, attendance at staff development courses, and composition of committees for our Annual Report to the Director of Equal Opportunity in Public Employment.

There seems to be some misunderstanding among staff that once they have completed one of these forms, it covers them for every committee or course they attend. This is NOT the case. For each selection committee, staff development course or university committee, a new set of forms is required.

We realise that this can be a bit of a nuisance, but in order to document our progress, we need everyone's co-operation.

Peg MacLeod  
Ext 3917

## **Seminars**

### **FACULTY OF COMMERCE SEMINARS (ACCOUNTANCY AND LEGAL STUDIES)**

All seminars to be held in Room 19.2035 at 11 am.

Date: August 21

Speaker: Dr Lokman Mia (Otago)

Topic: Span of Control, Subunit Interdependency and Perceived Usefulness of Management Accounting Information.

### **DEPARTMENT OF PHYSICS – SCHEDULE OF PUBLIC LECTURES**

Held in Pentagon 3 (building 20.3).

Thursday August 13, 8 pm – Dr Bill Zealey, Department of Physics, University of Wollongong – "From Here to Eternity" A Bird's Eye View of the Universe by an Astronomer.

### **DEPARTMENT OF HISTORY AND POLITICS POSTGRADUATE SEMINARS SECOND SESSION**

All seminars in room 19.2004 at 5 pm

August 12 – Dr I. McLaine – Suez Crisis of 1956

September 9 – Professor Robert D. Linder, Kansas State University – The United States as the Last Best Hope of People on Earth: American Civil Religion and How it Works

### **HEALTHY CITIES PROJECT: PROGRESS IN EUROPE AND AUSTRALIA**

Date and Time: August 11, 12.30 – 1.30 pm

Venue: Building 22, Room 108, Faculty of Education

The School of Health Sciences and the Illawarra are participants in the Healthy Cities (Australia) project. The Healthy Cities Project in Europe was initiated by World Health Organisation and aims to support integrated approaches to health promotion at the City level. The Commonwealth Department of Health has provided funds to pilot the Project in three Australian cities – Wollongong, Canberra and Noarlunga (SA).

Dennis Calvert and Christine Ewan recently attended the European Congress on Healthy Cities and will discuss the philosophy and implementation of the Project in Wollongong and comparisons with the experience of European cities.

The format will be informal discussion. Bring your lunch.

### **DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES**

Topic: Vitamin C and Cancer: medicine or politics?

Speaker: Dr Evelleen Richards

Time: Wednesday August 12 at 1.30 pm

Place: Building 19, Room 241.

### **DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING RESEARCH SEMINARS**

Venue for all seminars: Room 35.G45 at 4.30–5.30 pm.

Date: August 17

Speaker: Dr C. Cook

Topic: AEAC – Three years later

Date: September 7

Speaker: Mr N. Kandasami

Topic: Stratospheric Aerosol

Date: September 14

Speaker: Mr A. Mourad

Topic: Interfacing AD and DA converters to the 68000 microprocessor

Date: September 21

Speaker: Mr C.S. Yu

Topic: Expert system in process control

Date: September 28

MRS M. Mei

Topic: Integrated voice and data in computer networks

Date: October 5

Speaker: Mr L. Cung

Topic: Development of an expert system for the BHP plate mill

Date: October 12

Speaker: Mr P. Antony

Topic: Microwaves for drying purposes

Date: October 19

Speaker: Prof. H. Bradlow

Topic: Muscle relaxation computer process control

Date: October 26

Speaker: Mr H. Gondokusumo

Topic: Application of TMS320 digital signal processor

J.F. Chicharo

Convenor, Ext 3397

### **DEPARTMENT OF CHEMISTRY SEMINAR PROGRAM SESSION II**

All seminars are to be held on Friday in Room 18.111 (Physics) at 2.30 pm

August 14 – Dr Geoffrey Burge, Trace Scientific, Sydney – Recent Advances in Penicillin Biosynthesis

August 21 – Professor L. Kane-Maguire, The University of Wollongong

September 11 – Dr Les Field, University of Sydney – Organometallic Chemistry

September 25 – Professor L.N. Mander, Australian National University – RSC Lecturer for 1987

October 9 — Dr Roger Read, University of New South Wales

October 23 — Dr Michael Guilhaus, University of New South Wales — FT Ion-cyclotron Resonance

Dr S.G. Pyne  
Coordinator

## DEPARTMENT OF BIOLOGY — BIOMEDICAL EVENING SEMINARS 1987

Each Seminar will be preceded by a char grill dinner at 6.30 pm in the Union Bistro. Those interested in attending the dinner should contact Dr E.J. Steele before the designated evening so that appropriate bookings can be made. Seminars will begin at 8 pm in Lecture Theatre G.19, Building 35. This series is sponsored by the Department of Biology and the School of Health Sciences. The assistance of Dr Stephen Anderson is acknowledged.

Wednesday August 19 — Professor P. Reeves, Department of Microbiology, University of Sydney

— Genetics of O-Somatic Antigen: Highly Variable Surface Polysaccharide of Salmonella.

## DEPARTMENT OF MATHEMATICS

Speaker: Dr Shahab Ghahreman, Department of Mathematics

Title: Distribution of the Excursion-time of a Non-stationary Linear Oscillator

Date: Thursday August 13

Place: Room 15.204 (Austin Keane Building)

Time: 1.30 — 2.30 pm

## SCHOOL OF INDUSTRIAL AND ADMINISTRATIVE STUDIES

Speaker: Professor Philip J. Sallis, Department of Quantitative and Computer Studies, University of Otago, NZ.

Title: Future Directions for Information Systems — Teaching and Research

Place: Building 19, Room 2035

Time: August 19, 11 am

## DEPARTMENT OF BIOLOGY SEMINARS SESSION II

All seminars to be held in Room G19, Building 35.

Tuesday August 11, 4 pm — Dr Robin Brace, Department of Zoology, University of Nottingham, UK — Ecological genetics of the anemone *Actinia equina*.

Tuesday August 18, 4 pm — Dr Toni O'Neill, Department of Geography, The University of Wollongong — The use of satellite-based remote sensing techniques to map and monitor ecological units in the Australian environment.

Tuesday September 8, 4 pm — Professor H.M. Garnett and Mr Daniel Bock, Department of Biology, The University of Wollongong — Greening disease of citrus plants.

Tuesday September 15, 4 pm — Dr H.J. Spencer, Department of Biology, The University of Wollongong — Radio tracking fruit bats.

Tuesday September 22, 3.30 pm — Mrs Ae-Soon Tholen. 4.30 pm — Mr John Goodfellow — Biology Honours Seminars

Tuesday September 29, 3.30 pm — Ms Fiona Harris. 4.30 pm — Mr Peter Butler — Biology Honours Seminars.

Tuesday October 6, 4 pm — Mrs Gowrie Thampapillai — Biology MSc Seminars

Tuesday October 13, 4 pm — Mr Patrick Roach, Department of Biology, The University of Wollongong — Use of Cassava tissue culture systems for the study of phytopathogens.

Tuesday October 20, 4 pm — Dr John Pollak, Department of Histology and Embryology, University of Sydney — Assessment of the literature of paternally-mediated effects on reproduction.

Tuesday October 27, 4 pm — To be announced.

## INTERNATIONAL INSTITUTE OF COMMUNICATIONS SYDNEY CONFERENCE

Special rate for academics. For the Sydney Conference, IIC Executive Director, John Howkins, has agreed to a registration fee for academics of \$300 — the same rate as members without institutional support, payable to the IIC in London. Please indicate your academic status on the conference registration form.

The registration fee covers attendance at all conference sessions and social functions, including two receptions, dinner and harbour cruise with lunch.

Your attention is drawn to IIC membership at \$83 per year which includes a subscription to 'Inter-Media' published five times a year. An Australian IIC chapter will be formed at the Sydney conference.

Further enquiries to John Challis, ABC Sydney, phone (02) 3565304.

## Job Vacancies

*Details of the positions listed below are on file in the Planning and Marketing Office, on the second floor in the administration building.*

Adelaide	Electronics Engineer, Department of Electrical and Electronic Engineering
ANU	Postdoctoral Fellow/Research Fellow in Astrophysics (up to three positions may be available), Mount Stromlo and Siding Spring Observatories
James Cook	Professor of Tourism, Centre for Studies in Travel and Tourism
Massey, NZ	Senior Lecturer/Reader, Financial Accounting Lecturer in Computer Science Lecturer in Information Systems
Melbourne	Chair of Medicine (St Vincent's Hospital)
Newcastle	Lecturer in Biostatistics (5 year fixed-term) Centre for Clinical Epidemiology and Biostatistics
NSW	Senior Research Fellow, Social Welfare Research Centre
Otago	Postdoctoral Fellowships
Queensland	Lecturer/Senior Lecturer (tenurable), Department of Government Professional Officer, Department of Ophthalmology

## Advertisements

### FOR SALE

Baby gear: Fraser chair \$5; Bassinet, white cane on stand \$25, ti-tree mattress \$5. Phone Miranda on ext 3380 or 270380.

### FOR SALE

Pine bed (double) with foam mattress. Will take reasonable offer. Ph 835998.

### WANTED TO BUY

Disc Drive for Apple Macintosh (512K). Contact Kevin Mills, Geography ext 3768 or at home on 835998.

## Concerts, Exhibitions and Entertainment

### WENDY RICHARDSON'S 'WINDY GULLY' A TRIUMPH

*Windy Gully*, a play by Wendy Richardson, a student on campus majoring in English Literature and Drama, opened at Bridge Street Theatre on June 4 to critical acclaim.

A community drama, maintaining Theatre South's policy of developing and presenting plays which draw upon the lives and experiences of local people, *Windy Gully* is set at the turn of the century in the close-knit mining village at Mt Kembla. *The Sun-Herald* drama critic, Mick Barnes (14 June 1987) found much to admire in the production:

*This is a fine first play by someone who both knows and feels her subject. Richardson is steeped in coalfields folklore. She was raised in the Hunter Valley, has taught school in Mt Kembla, and still resides there. Her writing comes from the heart.*

The play evokes the texture of the daily lives of those 'on the coal' and their families. The Mt Kembla Mine Disaster of 31 July 1902 in which 96 lives were lost, provides a dramatic focus for the struggle between men who risked their money and men who risked their lives.

In writing the play Wendy Richardson used as one of her major sources the local people themselves. Their response has been overwhelming, justifying Wendy's efforts to capture the essence of that sad but brave period. All sections of the community have been moved both by the play's poignancy and its humour.

The play's initial four-week season has had to be extended to accommodate capacity crowds, breaking all records for attendance at the Bridge Street Theatre. Special extra matinee performances have been added to meet demands from local high schools.

The play has been sponsored by the Miners Federation and the response from the mining community generally has led to a proposal for a tour of the coalfields districts of New South Wales, Queensland and Victoria in 1988.

Theatre South's Artistic Director, Des Davis, a Senior Lecturer in the Department of English, directed the production. Much of its success stems from his manipulation in portraying more than 40 characters with just seven actors.

Already Wendy Richardson has begun work on her next play for Theatre South. This time the focus will be on the Depression of the 1930s and its impact on the Illawarra.

### ALMOST BI-CENTENNIAL DINNER DANCE

Theatre South and Bridge Builders invite you to the Almost Bi-Centennial Dinner-Dance to be held on Friday August 21 in The Common Room of The University of Wollongong at 7.30 pm.

Real, live, contact-type dancing (if you wish!) to the music of 'Shades of Grey' and entertainment by members of Bridge Builders and the Theatre South Company.

Tickets \$22 (including smorgasbord and complimentary glass of wine or fruit juice), obtainable from The Bridge Theatre, Coniston, phone 296144.

Proceeds will help to raise money to buy essential equipment for the Theatre.

Come and enjoy yourself and support your local theatre at the same time.

Further information from Enid Sherwin, (042) 848341.

### WHATEVER HAPPENED TO THE RED SETTEE?

That and other related questions are addressed at an exhibition of paintings, drawings and pottery by Marie Blakey at the Arena Gallery in Wollongong Central Chambers. The exhibition will be open until August 16 (Monday to Thursday 9 am to 5 pm, Saturday and Sunday 10 am to 4 pm).

### ILLAWARRA MUSIC CLUB 1987 CONCERT SERIES

Friday August 28 — University of Wollongong Union Hall at 8 pm. Illawarra Mercury National Operatic Aria Competition Semi-Final.

Saturday August 29 — Wollongong Town Hall at 8 pm. Illawarra Mercury National Operatic Aria Competition Grand Final Concert.

Friday October 30 — Cram House, Crown Street at 8 pm. An Edwardian Evening presented by Peter Roberts. An evening of pomp and circumstance, of musical recollections of the Indian Empire, of the colonies of King Edward and all that it meant to be 'British'. Parlour songs, a palm court orchestra and other musical ensembles will make this an evening of enjoyment.

In addition to the 1987 Subscription Concert Series, the Illawarra Music Club is proposing some special events—

\* Friday November 20 — Wollongong Town Hall Theatre. Herman Loewen, Baritone, and Delcie Schipp, Soprano.

\* It is also planned to hold a special chamber music concert presented by the IMC Chamber Music Sponsors. Once a year lovers of chamber music sponsor, through the IMC, a chamber music concert of the highest quality, bringing to Wollongong the finest of Australian chamber musicians.

\* The Illawarra Music Club has a continuing commitment to the development of young musicians from the Illawarra through its Scholarship/Wollongong Hi Fi Shield for Schools Competition. The 1987 competition will be held on Saturday September 19 at the University of Wollongong Union Hall. There are three sections — keyboard, vocal and instrument. Further details to be announced.

### SCAW CONCERTS 1987 SCHEDULE

Program items for Friday August 21:

Dixon — Champagne Flutes; Three Emily Dickinson Songs.

Maxwell Davies — Renaissance Scottish Dances.

Bedford — With 100 Kazoos.

Inquiries: Wayne Dixon, ext 3586, home 297518.

### SCHOOL OF CREATIVE ARTS

Friday September 25 at 8 pm

SCAW Ensemble conducted by Edward Cowie

Philip Pittman — Piano Trio

Edward Cowie — Lyre Bird, Mt Keira Duos

Robert Laurie — A Snatch

Arnold Schoenberg — Ode to Napoleon

Admission: \$5, concession \$3

Friday October 30 at 8 pm

SCAW Ensemble conducted by Andrew Ford, Robyne Dunn (soprano), SCARE directed by Vanessa Woodhill

John Davie — Konk-tra (first performance)

Peter Maxwell Davies — Suite: The Devils Miss Donni-thorne's Maggot