



THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

Please note that "Campus News"  
has moved to  
49 Northfields Avenue  
Telephones remain unchanged

A WEEKLY INFORMATION SHEET

9  
2 NOVEMBER, 1984

Deadline for copy 12 noon Monday

Distributed each Friday.

Editor: Giles Pickford, tel. (042) 270073

## BULK SOLIDS RESEARCH PASSES \$1 MIL. MARK

The Bulk Solids Handling Research Group in the Department of Mechanical Engineering has been awarded a total of \$544,008 for three research grants concerned with -

- Feeding of bulk solids from mass flow hopper outlets (\$268,631).
- Pneumatic conveying of flyash and pulverised coal, especially over long distances, (\$275,377).

The grants have been provided by The National Energy Research Development and Demonstration Program, and The Electrical Research Board and cover the period 1985 to 1987. They will allow the employment of two professional officers and two technical officers to assist with the research and provide \$246,000 for equipment and materials.

Dr. Peter Arnold, leader of the research group and principal supervisor of the projects said the grants will provide an important boost to the research effort of the team. He said that the bulk solids research has the prime aim of improving the productivity of processes and procedures involving bulk handling. These projects have the following broad objectives -

- (i) Feeding of coal and other bulk solids from mass flow hoppers, paying particular attention to -
  - the geometry of the hopper/feeder interface, especially with regard to the design of skirts, gates and tie beams across slotted outlets,
  - loads generated on feeders,

- establishment of design procedures for predicting feeder power requirements,
- verifying, by experiment, the design procedures developed.

- (ii) Long distance pneumatic conveying of pulverised coal and flyash will be carried out using the NEI John Thompson (Australia) test rig installed in the bulk solids laboratory. Particular attention will be paid to -

- transporting solids over distances up to 100m in pipelines ranging from 65mm to 100mm diameter,
- correlating the work with that already carried out over short distances up to 90m and verify scaling procedures developed,
- establishment of design criteria for stepping diameters of conveying pipe,
- methods of controlling blowtank pressure and feeding rate to achieve optimal conditions.

*The grants from NERDDP represent the second phase of major funding from that source and takes total funding received for bulk solids research since 1979 from sources such as NERDDP, Electrical Research Board and ECNSW, to more than \$1 million with, in addition, equipment loans or donations exceeding \$150,000 in value. In that period more than 70 research papers have been written by the group while consultancies have been carried out for over 45 companies and other bodies in Australia and overseas.*

### AVCC AND ACDP PROTEST TO GOVERNMENT

The Australian Vice-Chancellors Committee (AVCC) and the Australian Committee of Directors and Principals in Advanced Education (ACDP) have jointly protested to the Government about the capacity of universities and colleges to meet Governments aims for tertiary education as laid down in the Guidelines from CTEC. An extract from the letter is set out below:

"You may be interested to know that representatives of ACDP and the AVCC met recently to discuss a number of matters of common interest and part of our meeting was devoted to considering the implications of the CTEC Report for 1985-87 Triennium and the Government's Guidelines for funding colleges and uni-

versities. It was clear from the discussion that both university Vice-Chancellors and college Directors and Principals understand and accept the intentions of the Government in moving to increase participation with greater equity. All are ready to respond as best they can to the challenges set by the Guidelines and they fully understand the importance of the contribution required of institutions of higher education towards national development. As you have already been informed, both universities and colleges have set up planning arrangements to ensure the best possible response.

"It was apparent, however, from our recent meeting that both colleges of advanced education and universities face very serious difficulties as they plan to accommodate the additional students envisaged in the Guidelines



within the constraints of the limited additional funds to be provided by the Government. They see particular problems in enrolling additional students in the science and technology areas which are of vital importance to Australia's future.

"The Vice-Chancellors and college Directors and Principals expressed concerns also as they considered the implications of the increasing secondary education retention rates. They appreciate that the policies now being followed by the Government will encourage greater numbers of students to complete secondary education and that, as this occurs, there will be increasing pressures on institutions of higher education as more students who have completed secondary education seek to continue their studies. These pressures will add to the difficulties already being faced by the higher education institutions and we would like to ensure that future Government planning takes full account of the situation.

We note in the recently tabled Volume 2 of the CTEC Report on the 1985-87 Triennium that CTEC will be submitting a Supplementary Report on years 1986 and 1987 of Triennium in March 1985. We would be grateful if we could meet with you early in 1985 to elaborate on matters outlined above, particularly as they relate to the issues to be addressed by CTEC in its Supplementary Report. At this meeting we would be able to summarize the findings of the various Working Parties established by AVCC and ACDP in response to the Government's Guidelines.

We would like you to be aware of our serious concern about the matters raised in this letter, while assuring you that we will be taking steps available to us to carry out the wishes of the Government."

#### OVERSEAS STUDENT RECEPTION PROGRAMME

The International Chinese Students' Association and the Association of Indonesian Students, in conjunction with the S.R.C., are organising an 'Overseas Student Reception Programme' with the aim of providing the following services for new overseas students who will be enrolling at the University of Wollongong in 1985.

- (a) Meet the new student at the Kingsford Smith Airport, Sydney;
- (b) Assist in locating accommodation.

These services will be provided free. Prospective new overseas students are being asked to write as soon as possible so that early arrangements can be made.

Contact numbers are:

Students' Representative Council (S.R.C) - 042.289144 or 042.289809

Louise Lee - 042.286232.

The International Chinese Students' Association (ICSA) and the Association of Indonesian Students (AIS) are student organizations which try to cater to the needs of overseas students at the University of Wollongong.

#### HAYDN'S "CREATION"

Tapes now available from Friends Office  
(042) 270073

\$15 - two cassettes



## Campus Community Interface

### UNIVERSITY CHRISTMAS PARTY SUPPER DANCE

featuring

Belmore Basin Jazz Band

Organised by the Friends of the University

Union Hall, Friday 7th December

Start 7 p.m.

Meal 8 p.m.

Dancing till midnight — Bar facilities — \$10.00

Book now —

288074 Peter McNamara or 297833 Union

### VALEDICTORY DINNER

Students (all years), Graduates, Accountancy  
Firms, Managers, Entrepreneurs,

are cordially invited to attend

the XIth Accountancy Valedictory Dinner

on Friday, 23rd November, 1984, at 7 p.m.

at The International Centre,  
28 Stewart Street, Wollongong  
(plenty of parking)

Four course dinner - wines and beer -

Porto Fino Lounge Band      Dancing till midnight

Admission \$20 per head      Lucky Door Prize

Tickets from University Union - 270782

## Seminars

Details of the seminars below are displayed on the "Campus News" Notice Board in the Administration Annexe.

### INTERNATIONAL WRITING CONVENTION

School of Education, University of East Anglia, Norwich, U.K. — 31 March to 4 April, 1985.

### DEPARTMENT OF CHEMISTRY

Location: Bldg. 18, Rm. 206

11.30 a.m. Friday, November 16:

Dr. A.P. Hope, Department of Chemistry, University of Wollongong, Wollongong.

Title: 'Approaches to C-nucleoside synthesis'.

11.30 a.m. Friday, November 23:

Dr. Ken Dyall, Department of Chemistry, Monash University, Clayton, Victoria.

Title: 'Chemistry and Relativity'.

Convenor: Dr. Peter Burton (042) 270505.



# General Notices

## ETHNIC AFFAIRS COMMISSION

The Commission has changed its address. The new address is Level 10, ADC House, 189 Kent Street, Sydney, NSW 2000.

## IRERC AGM 19 OCTOBER 1984

At the annual general meeting of the Illawarra Region Educational Research Council, Dr P. de Lacey was re-elected chairman, Dr A. Fielding vice-chairman, and Mr G. Hendry secretary. Other committee members included Mr A. Ball, Mr J. Curry, Mr P. Stocker, Mrs S. Burgess, Mr P. Keyes and Mrs V. Fell. Two schools have requested the Council's assistance in evaluating curriculum changes.

## ON-CAMPUS HOUSING COMPLEX

Nine five-bedroomed houses and five double townhouses will be available for rent in February 1985. They are sited west of Entrance Four to the University, on Northfields Avenue.

An information sheet on the complex is available from International House and from the Accommodation Service in the Counselling Centre. Application forms are available from International House.

## CHRISTMAS PAY ARRANGEMENTS

Details of the Christmas pay arrangements have been circulated to all Departments and are displayed on the "Campus News" notice board.

## FORMER WOLLONGONG BIOLOGIST WINS AWARD

Dr. Paul Else, a former postgraduate student in the Department of Biology has been awarded a CSIRO Post-doctoral fellowship. Only 10 of the fellowships are awarded each year. Paul will spend 1985 working at the University of California in Irvine, California, on the "effects of temperature on muscle function". In 1986 he will return to Australia to work for another year on the "effects of dietary fat on heart muscle" at the CSIRO Division of Human Nutrition in Adelaide.

## CHANGING PUBLIC AND POLITICAL PERCEPTIONS OF ACADEMICS

A paper on the above topic by Dr. Peter Pockley, Adviser on Public Affairs at the University of N.S.W., is available from the Editor.

The paper was presented at a meeting called by FAUSA to protest against the cuts in funding for research.

## BANKING HOURS - CHRISTMAS/NEW YEAR

The attention of all staff and students is drawn to the proposed banking hours of the National Australia Bank Agency on campus over the Christmas/New Year period.

From 3rd December, 1984 until 25th January, 1985, the hours of trading will be 12.30 p.m. - 3.00 p.m. daily. The agency will also be closed between 21st December 1984 and 1st January 1985 (inclusive).

Please note that under these arrangements, the agency will not be open on campus on Christmas Eve.

## TASC CENTRE HALF YEARLY REPORT

The Centre for Technology and Social Change has published its half yearly report on work going on in the Centre.

TASC is an independent, non-profit, research, consultancy and training organisation dealing with social responses to technological change. Its general objective is to enhance the understanding and social control of technological change in order to ensure that technological developments are employed for the benefit rather than the domination of society. Its research, consultancy and training functions combine wide-ranging theoretical work on alternative technology futures with specific empirical work on immediate issues and problems related to technological change, policy analysis and evaluation. Its purpose is to provide an informed analysis of the issues and problems associated with contemporary technological developments and to raise the level of educational and technological skills in Australia required to deal with technological change.

Copies of the Report are available from Daniel Rowlands, telephone (042) 270639.

## DISCOVERY SERIES RETURNS TO ABC-TV TUESDAY DECEMBER 4 at 9.00 p.m.

There are 10 documentaries in the 1984 series including two from Australian film units (the CSIRO and the South Australian Film Corporation), three from the US and five from the UK.

The series will be screened every Tuesday until February 13 and will be shown in the following order:

Brave New Babies?  
Funnel Web: The Search for an Antidote  
Eyes of China  
Better Mind the Computer  
Papua and New Guinea - Anthropology on Trial  
Cruel Choice  
What To Do About CO<sub>2</sub>  
Microworld  
Nuclear Strategy for Beginners  
and  
Mind Over Cancer (Part 1 and 2)

A press kit providing details of each of the documentaries is available from the Publicity and Information Office, extension 3926.

## COUNTY COUNCIL AWARD

The Illawarra County Council award for an honours student has been won by Mr. S. Tsui. The award is worth \$750.

## CALENDAR OF NATIONAL AND INTERNATIONAL SCIENTIFIC MEETINGS IN AUSTRALIA

The above Calendar, published by the Australian Academy of Science is available from the Editor.

## IRERC INVITES APPLICATIONS FOR EDUCATION- AL RESEARCH

The annual meeting of the Illawarra Region Educational Research Council was held at Figtree High School Library on 19 October. Dr. de Lacey and Dr. Fielding were re-elected chairman and vice-chairman respectively, and Mr. G. Hendry was elected secretary. Other committee members elected included Mr. P. Keyes, Mr. A. Ball,



Mr. J. Curry, Mrs. V. Fell, Mr. R. Cleary, Mr. P. Stocker and Mrs. S. Galbraith. As well as organising two successful conferences and a public seminar on secondary education during the year, the Council has sponsored three pieces of research, and holds funds for supporting further research activities. Applications for limited grants to support educational research may be addressed to the Chairman or Secretary, C/- Department of Education, University of Wollongong, to whom applications for membership may also be sent.

## Equal Employment Opportunity Project

### POSSIBLE ESTABLISHMENT OF AN INTERNAL GRIEVANCE MECHANISM

The Director of Equal Opportunity in Public Employment (D.E.O.P.E.) has circulated a discussion draft, "Guidelines on Internal Grievance Mechanisms". Copies have now been sent to Staff Associations and Unions, all Heads of Departments/Units, members of the Affirmative Action Working Party (A.A.W.P.) and the E.E.O. Contact Network for consideration and comment.

The A.A.W.P. will discuss proposals and comments at the meeting of November 9th.

All members of staff are invited to read the draft document and copies are available from the E.E.O. Project Officer.

## Letters

Dear Editor,

The letter on Equal Opportunity (26 October) from Dr. de Lacey raises a couple of questions. Firstly he produces a straw man and attacks it. He states that "the erosion of merit is being pursued". Nowhere does he offer any proof or even evidence for this bald assertion. He later invites comments from "people who have been discriminated against, or have felt unjustly threatened or harassed as a result of prospects of EEO-based action". Such statements, if made, may indicate clumsiness in the application of EEO, or they may reveal alarm at a weakening of the previously male-dominated positions of privilege. They would have no bearing on the matter of "merit". They would merely be matters of subjective reaction to changing circumstances.

Secondly he quotes from Levin a statement that some persons ("Anglocelt males" are specified) may wonder "whether they were appointed, promoted or excluded, not because of their merit status, but because of some ethnic, sexual or other quality ...". I feel that Dr. de Lacey has missed the whole purpose of EEO if he does not understand that it is designed precisely to exclude the possibility that persons may be not appointed, not promoted, or excluded because of some ethnic, sexual or other quality.

Norman Mitchell  
Ph.D. Student

## Concerts, Exhibitions and Entertainment

### WEDNESDAY GALLERY

4/328 Crown Street, Wollongong.

Paintings, pots and paraphernalia.

Open Wednesdays only 10 a.m. - 5 p.m. Enquiries to Bev - Phone 28.3853.

### SCHOOL OF CREATIVE ARTS - CALENDAR OF EVENTS

NOVEMBER "ZIMMER" by Dorothy Hewett and Robert Adamson

A World Premiere production of a play by two of Australia's leading writers.

Directed by Peter Duncan and designed by Bert Flugelman with a cast of acting students and music by students of the School of Creative Arts.

Plays from November 1 to 24, at 8 p.m. in the Drama Hut (Mature Audience).

### STUDENT EXHIBITION:

Thursday, 15th November, 7.30 - 9.30 p.m.

Official Opening - 8 p.m.

Work by students of the School of Creative Arts  
Ceramics/Drawings/Jewellery/Paintings/Prints/Sculpture/Textiles and Woodcraft.

### MULTI-MEDIA PERFORMANCE, "FROM A WRITER'S DIARY"

(World Premiere - specially commissioned) based on diary of Virginia Woolf by staff and students in the School of Creative Arts.

Exhibition open to Public, Monday to Friday, 10 - 4 p.m. daily; Saturday and Sunday 2 - 5 p.m. to Thursday, 22nd November.

### "INSIDE, OUTSIDE, UPSIDE DOWN"

Theatre South has assembled four beautiful multicultural folk tales for Wollongong's 150th Celebrations in November, the focal period of our year long party.

This event has been compiled for the young people of the Illawarra by Theatre South and made possible thanks to the sponsorship of the 150th Committee. Performances will take place twice daily between the 13th and 23rd November.

Performances for school parties will be \$2 per child and staff free. There will be ONE ONLY public performance at 1 p.m., Saturday 17th November and bookings can be made by phoning Theatre South 270.705. Cost of the Public Performance will be \$3 per child, \$4 for an adult accompanying a child.

### "WONDERFUL WOLLONGONG" Live on Stage

McCabe Park - 10-25 November, 1984.

For your delight, amusement and edification, your professional theatrical company, Theatre South pre-



sents "Wonderful Wollongong" live on stage in an extraordinary versatile and splendid New Theatre, erected especially for this auspicious occasion.

You're invited to participate in this very special celebration of the City's first 150 years. We will recall much of the history that you can remember and much, much more that we have searched for and discovered. (And some a little fictitious). You could be in for some surprises, and a lot of laughter and tears.

Tickets now available on Campus, Room 1109, Social Science Building - Enquiries 3705, Theatre South.

## MINERVA BIRD

The Arcadians present this World Premiere of a rip-roaring tale of New South Wales in the Gold Rush days. Cathy Bates and Robert Martin play the leads in an entertainment to please all ages. Sponsored by Illawarra Credit Union.

Book and lyrics - John Scholes  
Music composed by John Scholes  
Orchestral arrangement by Tony Smith  
Choreography by Pauline Young  
Directed by Leo Sturman

Venue: Wollongong Town Hall Theatre

Dates: November 9, 10, 13, 14, 16, 17, 20, 21, 23, 24, at 8.00 p.m. Matinee Sunday 18 at 2.00 p.m.

Tickets: \$6.00 and \$4.00 concessions.

Bookings: Wilsons Record Bar (291470) or Town Hall.

## Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated in the Administration Annexe.

Otago, N.Z.	Lecturer or Snr. Lecturer in Surveying Assist. Lecturer in Education Chief Animal Technician
N.S.W.	Research Associate, School of Mathematics Systems Programmer Head, Dept. of Adult Migrant English Language Head, Dept. of English Language Intensive Courses for Overseas Students Administrative Officers, Institute of Administration (2 positions), Administrative Manager & Public Relations Manager Lecturer, School of Geography Lecturer, School of Accountancy Lecturer, School of Wool and Pastoral Sciences
ANU	Research Posts in Neurobiology, Population Biology, Chemistry Snr. Lecturer and Lecturer in Italian
Adelaide	Graduate Affairs Officer Computing Officer, Gd. 1 Research Officer, Gd. 1

Flinders	Lecturer in Italian Administrative Officer
Defence Dept.	Cadet Engineer
Murdoch	Technical Services Librarian
Batchelor College (Aboriginal Teacher Education) N.T.	Snr. Lecturer Lecturers in English, the Arts, Technical Studies, Educational Technology, Remote Area Teacher Education, Aboriginal Management Training
Melbourne	Chair in Business Law
Wollongong	Attendant/Cleaner
Queensland	Tutor in Language in the Media Lecturer in Pharmacology Lecturers in Psychology

## Scholarships and Prizes

Details of the scholarships and prizes below are displayed on the Campus News Notice Board situated in the Administration Annexe. Application forms are available from the Student Enquiries Office.

Queen Victoria Museum and Art Gallery, Launceston	Plomley Foundation Fellowship in Tasmania's Cultural and Natural Heritage (65-2-2 refers).
Sydney College of Advanced Education	Thomas T. Roberts Education Fellowship (\$10,000)
Zonta International	Amelia Earhart Fellowships in Aerospace Science and Engineering for Women Graduates

## Advertisements

Advertisements in "Campus News" are repeated each week until withdrawn, OR, until new advertisements push the old ones off the end of the column, whichever occurs first.

### FOR SALE: ELECTRONIC LEARNING AID

Thinking of what to get your children for Christmas? Well have a look at EDUTECH'S new Electronic Learning Aid.

You don't know what an Electronic Learning Aid is! Well ring Les on 563174 who will show you the amazing power of the E.L.A. to do 10 programmes covering Music, Maths and Spelling. At \$99 it leaves buying a computer for dead. Suitable for ages 4 to 12 years.

### FOR SALE

Fibreglass Ski Boat with Trailer. A1 condition. Inboard Ford V8; reg. April 1985. \$2800 o.n.o. Telephone ext. 3911 - Mrs. Politis.

### FREE RANGE POULTRY

Orders taken for free range poultry.

Chicken (corn feed) — \$3.70 kg.  
Turkey (fresh) — \$5.00 kg.  
Duck (fresh) — \$4.00 kg.  
Pheasant (fresh) — \$10.10 kg.  
And a 'Partridge' up a pear tree — ? kg.

Phone Bob Hoole 284724. Merry Christmas.

#### FOR SALE

Older style brick veneer and tile house, 3 bedrooms - large level block in Oak Flats. Close to pool, school, shops etc. Plenty of room for expansion. A gift at \$43,500. Phone 966217.

#### GARAGE WANTED

To store a car for December and January. Phone: Peck 283125 or 270857.

#### FOR SALE

VHS Video, new model, \$600 o.n.o. Phone 270970 or ext. 3970.

#### CHRISTMAS CAKES

Again Lions Christmas Cakes are available from Bill Trueman (Library). Orders or purchase now - 1.5 kg. for \$5.50. Ext. 3539.

#### FOR SALE

Grey Thoroughbred mare 15hh, 6 years old. Suitable for dressage or Pony Club. Preferably rider with some experience. Enquiries please phone 286305 after 5 p.m. weekdays or all day Saturday and Sunday.

#### WORD PROCESSING

Theses, manuscripts, documents, resumes and letters all done professionally and efficiently. We use only quality materials. Our rates are extremely competitive. Please call us 272495.

#### CAR FOR SALE

1977 Cortina XL 2Lt Manual. Excellent condition all round. Registered to 4/85, 87,000 kms. 4 year Wynn's guarantee. \$2850 o.n.o. Phone Evans ext. 3066.

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DID YOU KNOW that the University needs the support of its graduates and that this can be delivered through the Graduates Committee of the Friends of the University?

Membership of the Graduates Committee is open to all members of Convocation for \$10.00 p.a. or \$40 for Life Membership.

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