THE UNIVERSITY OF WOLLONGONG
CAMPUS NEWS

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8 December 1987

ILLAWARRA TECHNOLOGY CENTRE TO HELP BUILD TECHNOLOGY-BASED INDUSTRY AND BUSINESS

Science and Small Business Minister Mr Barry Jones opened The Wollongong University's new Illawarra Technology Centre on November 30, noting that, like the Government, the centre supported the development of new industries and technology-based businesses.

The centre has been established on the University campus with the help of $5 million worth of Commonwealth funds from the Steel Cities Assistance Program.

The State Government contributed $700,000 toward its costs.

The centre will operate as a non-profit public company run by business, union, government and university representatives.

Its main work will be in providing technological information to entrepreneurs and industry groups needing access to data bases and information networks for new developments.

The Minister, who recently visited Brazil and Argentina, said both countries were dramatic confirmation of the increasingly obvious point Australia was passing through – a technological and social revolution in which physical resources, however abundant, would have a diminishing role in determining the prosperity of a nation and its quality of life.

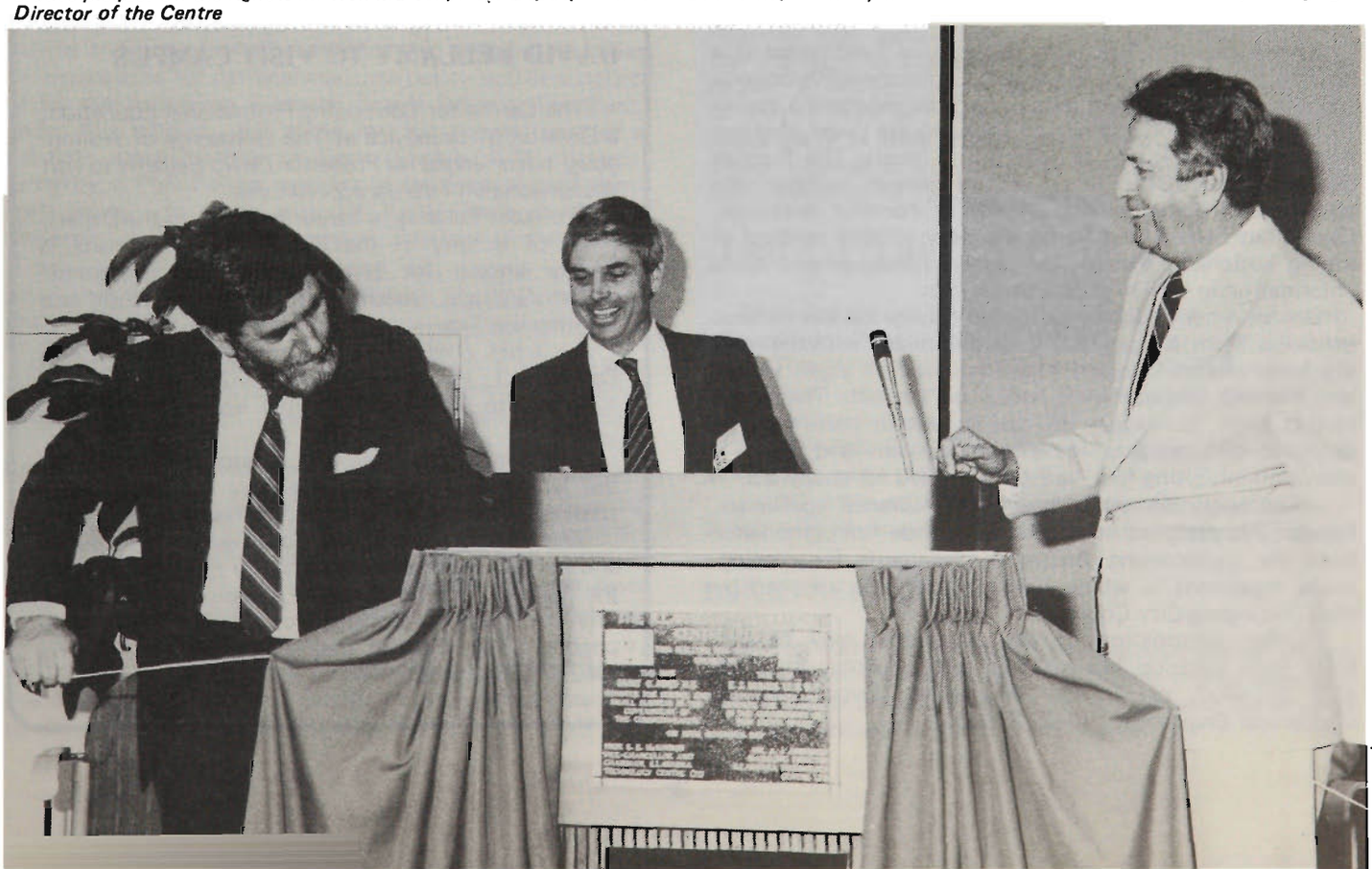
Brazil had astounding resources, but the shanty towns, street crime and social distress confirmed you could have a rich country and a poor people.

Mr Jones stressed the need to create a solid national industrial infrastructure.

'It is not enough to drag our industries into the 1990s, meritorious though that is. We must begin to create the infrastructure for the realities of the 21st century, now only 13 years away,' Mr Jones said.

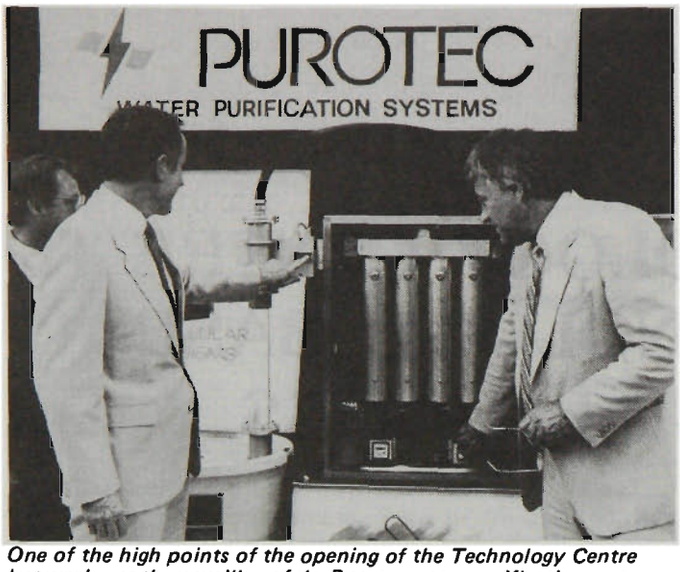
'This is where the ITC can play a valuable role, both regionally and nationally.'

At the opening of the new Illawarra Technology Centre Mr Barry Jones, Federal Minister for Science and Small Business, unveils a commemorative plaque. On the right is Mr Ron Mulock, NSW Deputy Premier and Attorney-General, and in the middle is Mr John Anderson, Managing Director of the Centre



General Notices

LEGIONELLA KILLING OZONIZER LAUNCHED AT TECHNOLOGY CENTRE OPENING



One of the high points of the opening of the Technology Centre last week was the unveiling of the Purotec water purification system, which can kill legionella bacteria in cooling towers. Seen with the unit here are the Vice-Chancellor, Professor Ken McKinnon, and Mr Stewart West, the Member for Cunningham and Federal Minister for Housing and Construction

In the wake of the legionella outbreak in early 1987, which claimed nine lives and caused many more severe illnesses, The University of Wollongong Department of Mechanical Engineering and Purotec Pty Ltd developed a legionella killing ozone generator for use in cooling towers of commercial buildings, department stores and shopping malls.

Commercial production of the ozonizer was formally launched by Mr Barry Jones, Federal Minister for Science and Small Business, and the Deputy Premier and Attorney-General, Mr R.J. Mulock, LLB, MP, on November 30 after their opening of the new Illawarra Technology Centre building on campus.

This equipment has been successfully field-tested at a cooling tower in one of the largest Commonwealth Government installations. These tests proved the generator's ability to kill legionella on contact, and to keep the tower continuously and indefinitely at safe purity levels. The Purotec generator operates only on electric power, without any adverse environmental side effects or harmful chemicals. Ozone has been found to be the only reliable method of killing legionella except for highly corrosive and toxic chlorination in very high concentrations.

Ozone is continuously produced on site by the Purotec generator from oxygen in the air, and mixed with the cooling tower water. There it kills (oxidizes) all algae, viruses and bacteria, including legionella, on contact. The ozone reverts back to oxygen in the air within minutes. The ozonizer also descales the cooling system and forms a corrosion-inhibiting film, without the need for chemicals.

In co-operation with legal and insurance specialists, Purotec has designed its system to provide full compliance with the forthcoming Australian Standards for cooling-tower treatment — which have already been adopted by the Wollongong City Council.

Further information on the equipment may be had from Rom Vildzius, Managing Director, Purotec Pty Ltd, (02) 2514957, or Dr John Montagner, Department of Mechanical Engineering, (042) 270062.

BICENTENNIAL HISTORY SERIES

Centre for Continuing Professional Education, a Division of Wollongong Uniadvice Limited.

To celebrate the Bicentenary, the University of Wollongong has invited ten of Australia's leading historians to present their views — January 11 to 22 — of Australia's history. The format of each day's presentation will be:

Week 1

January 11: Ms Pat O'Shane — Pre-European History.

January 12: Professor Henry Reynolds — Aboriginal/White Relationships.

January 13: Professor Russel Ward — Aboriginal Communists.

January 14: Dr Bruce Mitchell — Why was Australia Settled?

January 15: Dr Andrew Wells — Democracy and Equality in the Lucky Country.

Week 2

January 18: Mr Humphrey McQueen — History of 20th Century Australia through its Postage Stamps.

January 19: Dr Stuart McIntyre — Constructing a Past.

January 20: Professor Ken Buckley — Capitalism and the Common People of Australia 1788—1914.

January 21: Dr Marian Aveling — The Family in Australian History.

January 22: Professor Miriam Dixon — Women and Identity in Australia 1788—1988.

Apply to: Continuing and Professional Education, The University of Wollongong, PO Box 1144, Wollongong, NSW 2500.

VACATION LIBRARY HOURS

The Library opening hours during the vacation period will be Monday — Friday, 8.30 — 5 pm.

However, during Summer Session the hours will be Monday — Thursday 8.30 — 6 pm, Friday 8.30 — 5 pm.

Full services will not be provided until 9 am.

The Library will be closed from December 25 to January 3.

Weekend and evening opening will resume from the start of first session 1988.

DAVID BELLAMY TO VISIT CAMPUS

The Centre for Continuing Professional Education, a Division of Uniadvice at The University of Wollongong, has arranged for Professor David Bellamy to visit Wollongong on February 2 next year.

Professor Bellamy, a Senior Lecturer in the Department of Botany in the University of Durham, is widely known for his BBC television programs: Bellamy's Bugle, Bellamy on Top of the World and Turning the Tide.

At 3 pm David Bellamy will deliver a lecture in Pentagon 1. His topic will be — 200 Years Gone, 12 Years to Go: Environmental Issues for the 21st Century.

At 7 pm on the same day, a dinner will be held at the Union Building, with Bellamy the after-dinner speaker. His topic is still to be finalised.

The charge for the afternoon lecture will be $5 and for the dinner $30. Tickets may be obtained from the Centre for Continuing Professional Education, The University of Wollongong, PO Box 1144, Wollongong 2500. Further details may be obtained on (042) 270531 or 270484.

CENTRE ATTRACTS MAJOR RESEARCH FUNDING

Two major new research initiatives by the Centre for Transport Policy Analysis, now in its second year of operation, will receive Commonwealth funding amounting to almost $400,000 over the next three years. Importantly, this funding will allow the Centre to pursue not only contractual research to meet tight deadlines but also provide scope for more fundamental, longer-term research which might be expected to contribute new insights into issues in Australian transport policy.

One new program will be concerned with the costs of shipping rural exports through Australian ports and will focus on the efficiency and pricing policies of major ports. It will represent the first major, systematic study of port costs and port pricing policies in Australia and has attracted funding from the Australian Special Rural Research Fund, the Wool Research and Development Council and the Wheat Research Council.

The program will allow for extensive travel to Australian ports, it will support two new research positions in the Centre and provide for a third computer to network with the Centre's existing computers and link into the University's mainframe computer.

The focus of the project is seen, in the Project Synopsis, as follows:

Port pricing policies and port tariffs for export rural commodities in Australian ports are inconsistent, often irrationally derived and more-often-than not appear to heavily cross-subsidise other cargo. There is little doubt that Australia's rural industry is suffering quite considerable cost penalties in Australian ports. Clearly, this is less-than-acceptable at any time but in periods of depressed international prices and low demand it is one additional factor that is contributing to Australia's failing competitiveness in international markets.

Changes to port pricing policies, to port tariffs and to the magnitude of port costs will have a very significant impact on rural industry costs, and in the longer term, on the competitiveness of Australia's rural exports.

The project has particular relevance for Australia's rural producers; but it is also of importance within the context of the Federal Government's 'Waterfront Development Strategy' and the major efforts being made to upgrade the efficiency of Australia's ports.

The second project, concerned with the competitiveness (actual and potential) of Australian flag shipping and with its implications for national maritime policy, will be supported by the Australian Research Grants Scheme. The grant, under this scheme, will allow for the appointment of a full-time post-Doctoral Fellow (Sophia A.M. Everett, currently a PhD Fellow working in the field of coal transport policy), to work with Dr Keith Trace at Monash University and Dr Ross Robinson, Director of the Centre.

The overriding question which the project seeks to answer is what is the cost, for Australian container and bulk minerals exports, of Australian flag competitiveness?

More particularly, the project will examine the comparative costs of operating Australian flag versus foreign flag vessels, including FOC vessels, in these trades; the Balance of Payments contributions of Australian flag versus foreign flag vessels; and employment and other economic variables.

In addition, the project will be set within a detailed analytical framework of the mechanisms of policy formulation, policy implementation and the power linkages between government, unions and corporations that have made the formulation of Australian maritime policy so difficult and inadequate.

The project is significant on a number of counts. It will establish for the first time, within an appropriate conceptual frame (an important exercise, per se), the levels and magnitude of costs of Australian flag competitiveness for container and bulk minerals trades. In so doing it will point up the possible levels of subsidy required to maintain such a policy. Further, the project will identify inadequacies in the policy-making mechanisms and possible options for enhancing the decision-making processes.

Both new projects relate closely to the priority areas of research in the Centre — in particular, to issues in Australian maritime policy and development and to problems of policy formulation and implementation.

From left: Sophia Everett, PhD Fellow; Dr Ross Robinson, Director of the Centre for Transport Policy Analysis; Stephen Meyrick, Senior Research Fellow; Myree Mitchell, Secretary

ANOTHER SUCCESS FOR CWALMS

The Centre for Work and Labour Market Studies at this University was formally established only early this year, yet it has already attracted research and consulting funds to a total of some $238,000. Latest addition to this total has been $56,000 from the Labor Council of NSW. The Council has chosen one of the two directors of CWALMS, Dr Ray Markey, as its official historian, out of a large field of applicants.

Dr Markey is better known for his work in industrial relations than labour history nowadays. Nevertheless, he has managed to maintain an interest, and a publication record, in labour history. On 8 February 1988 the NSW University Press will launch his book, ***The Making of the Labor Party in NSW, 1880–1900.*** The history of the NSW Labor Council is scheduled for publication in 1991, on the occasion of its 120th birthday.

LONG GALLERY

Joan Stender invites you to an exhibition of her paintings and drawings in the Long Gallery, School of Creative Arts, The University of Wollongong, Northfields Avenue. Exhibition open until Friday December 18 Monday to Friday 10 am — 4 pm Sunday 1.30 — 4 pm.

And Lindsay Duncan invites you to inspect his ceramics same times, same place.

... and, again same times, same place, Georgina Holliday invites you to study her paintings and sculptured bedheads.

BOXES NEEDED

To facilitate the process of mailing examination results and re-enrolment details we need boxes. If you have any empty boxes please deliver them to Academic Services or ring Jane Jennings on ext 3866 for collection.

PRESTIGIOUS AWARD TO PAUL RYAN

Son of Professor Ryan, Paul Ryan, first-year student in the School of Creative Arts, has won (against 400 entrants) Australia's most prestigious award for students drawing, the Faber-Castel Prize. The prize carries an award of $1,000.

ILLAWARRA STUDENTS DISADVANTAGED: DOUBLE HELIX PROGRAM GETS UNDER WAY

The Double Helix Program is a CSIRO initiative aimed at young people. It is conducted on a national basis but has not been available to children in Illawarra because of the lack of a permanent science centre. So that Illawarra students will no longer be disadvantaged the Faculty of Science at the University has established the Illawarra Science Club to co-ordinate a series of science 'happenings'.

Monthly events will be contributed by various departments in the University, the Illawarra Technology Centre, BHP, Astronomical and Planetarium Societies, the National Science Centre (Canberra) and others.

The main advantage of the program will be that it will enable young people to obtain hands-on experience not possible through schools and it will demonstrate applications of science in the workplace.

The Illawarra Science Club was launched at a function on Sunday November 29 in the University's Pentagon building, a highlight of which was the Questacon Science Circus provided by the National Science Centre. Telescope observations and NASA slides of the moons of Jupiter were on display.

For further information contact Glen Moore, Department of Physics, 270521.

KIDS COMPUTING '88 – SUMMER HOLIDAY PROGRAM JANUARY 11 TO 22

Once again a range of popular courses is on offer for children aged six to sixteen.

Week 1: January 11 to 15

Computer Awareness for Kids (6 – 11 year olds)
Morning Group: 9 am – noon for 6 – 8 years only.
Afternoon Group: 1 pm – 4 pm for 9 – 11 years only.
Introductory Programming for Kids (10 – 13 year olds)
Day Group: 9.30 am – 3.30 pm.
IBM PC Computing for Kids (11 – 13 year olds)
Day Group: 9.30 am – 3.30 pm.

Week 2: January 18 to 22

Advanced Computer Awareness for Kids (6 – 11 year olds)
Morning Group: 9 am – noon for 6 – 8 years only.
Afternoon Group: 1 pm – 4 pm for 9 – 11 years only.
Intermediate Programming for Kids (10 – 13 year olds).
Day Group: 9.30 am – 3.30 pm.

Content and Cost

Introductory Computer Awareness for Kids (6 – 11 year olds only)

This course is specifically designed to introduce young children with no previous experience with microcomputers to a range of interesting uses and the place of computers in everyday life. It is NOT designed to teach computer programming. Age groups will be strictly observed to ensure a class of similar ability/experience. Cost $65.

Advanced Computer Awareness for Kids (6 – 11 year olds only)

This course is designed to expand on the concepts learnt in the earlier Computer Awareness for Kids. It also introduces young children to simple programming and logic. Cost $65.

Introductory Programming for Kids (10 – 13 year olds)

This course provides an introduction to programming personal computers in the popular language BASIC. The examples and programs considered represent problems that are relevant to children of the ages specified. Cost $[illegible]

Intermediabe Programming for Kids (10 – 13 year olds)

This course provides further skills in programming in BASIC. The examples and programs considered represent problems that are relevant to children of the ages specified. Children require Introductory level skills to attend this course. Cost $95.

IBM Computing for Kids (11 – 16 year olds)

This course is designed to teach concepts and intermediate level programming on the IBM PC Compatible microcomputer. The kids must have a minimum of intermediate programming level skills with Applic BASIC. The course allows for familiarisation with one of the most popular types of microcomputers in use. The extended power of this type of computer will be utilized throughout the course. Cost $95.

The Location

Building 22, Microcomputer Laboratories.

Further details from Ken or Gina at ITC Computer Traininq. Tel. (042) 268884.

CHILDREN'S GYMNASTICS

As part of its community outreach activities, the University is offering classes in recreational gymnastics for children in classes K–6. Broadly-based movement experiences will be provided through the medium of gymnastics. The program emphasises co-ordination, balance, kinaesthetic awareness, confidence, and enjoyment. Activities are developmental and recreational rather than competitive.

Children will be instructed by Human Movement, Sports Science and Physical Education students under the supervision of Mrs Alison Milburn (280190). Numbers will be limited.

Venue: Physical Education Gymnasium adjacent to new Administration Building.

Time: Thursday, 4 – 5 pm

Dates: March 17 – March 31, April 14 – June 2.

Cost: $20 per semester (first child, $10 additional family members).

Please return forms by December 1 so placement can be guaranteed.

CHILDREN'S GYMNASTICS
Application Form

Send application forms with fees to: Children's Gymnastics, Human Movement and Sports Science, The University of Wollongong, Northfields Avenue, PO Box 1144, Wollongong.

Child's Name: . . . . . .

Age: . . . . . Date of Birth: . . . . . Sex: . . . . . .

Previous gymnastics experience (club, level, school, etc.)

. . . . . .

Parents Names: . . . . . .

Home Address: . . . . . .

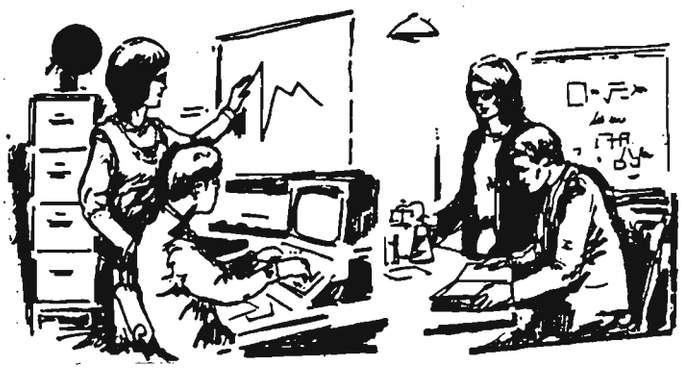
. . . . . .

Work Address: . . . . . .

. . . . . .

Telephone: . . . . . (H) . . . . . (W)

Car Registration: . . . . . .



Staff Roundup

CHRISTMAS/NEW YEAR HOLIDAYS – 1987/88

The University will be closed from Friday December 25 to Friday, 1 January 1988 inclusive for the observance of the following holidays.

Friday December 25	Christmas Day Public Holiday
Saturday December 26	Boxing Day Public Holdiay
Sunday December 27	Normal Weekend Day
Monday December 28	Additional Public Holiday
Tuesday December 29)	
Wednesday December 30)	University Concessional Days
Thursday December 31)	
Friday 1 January 1988	New Year's Day Public Holiday

The abovementioned University concessional days are granted in accordance with agreements between the University and the General Staff Unions, which provide that the days falling between Christmas Day and New Year's Day which are not gazetted as Public Holidays in the State of NSW are granted as University concessional holidays.

Staff who are required by the University to work on those days granted as university concessional days will be granted the same period off duty at a mutually convenient time within the ensuing two months.

Staff members working under Award 19-day four-week arrangements whose rostered day off would normally have fallen within the close-down period should arrange with their supervisor to take their day off either before December 25 or during the first week in January 1988.

Further details from Peter Maywald, ext 3798.

CHRISTMAS PAY ARRANGEMENTS

Thursday December 17 will be pay day in lieu of Thursday December 25. Accordingly, due to the restricted time available for salary preparation, for pays due on December 10 and December 17 the following cut-off dates and restrictions will apply:

Pay Day December 10

All salary variations and overtime sheets to reach Personnel Services NOT LATER THAN noon on November 30.

All time sheets for casual staff and part-time teaching returns to reach Personnel Services NOT LATER THAN 4 pm December 4.

Pay Day December 17

Overtime sheets to reach Personnel Services NOT LATER THAN noon on December 7.

All time sheets for casual staff and part-time teaching returns to reach Personnel Services NOT LATER THAN noon on December 14.

Time sheets, overtime sheets and part-time teaching returns received after the respective cut-off dates for pay of December 17 will not be paid until 7 January 1988.

Because of the limited time available for processing for pay days December 17 and 7 January 1988 variations to salary deductions, the inclusion of additional deductions and changes to salary accounts will not be processed until the pay of 21 January 1988.

Staff proceeding on recreation leave and requiring pay in advance are reminded that such application must reach Personnel Services NOT LATER THAN three weeks prior to their last day of duty.

Queries may be directed to Bob Hogarth, ext 3930, between 2 pm and 4 pm daily.

SUPERANNUATION NEWS

Superannuation Scheme for Australian Universities (SSAU)

The University of Wollongong became a participating institution in SSAU from December 1 this year. All new academic staff employed by the University from that date are required to contribute to SSAU.

Any existing academic staff who are not currently contributing to a superannuation scheme will be given a 'once only' option to join SSAU.

The transfer period is not known yet; however, all relevant staff will be notified in due course regarding their option.

Inquiries should be directed to Mrs Barbara Smith on ext 3914, Wednesdays to Fridays.

Retirement Preparation Seminar – Wollongong

The State Superannuation Board has been conducting Retirement Preparation Seminars in Sydney and in some country locations since 1973.

The seminar extends over two days and covers social and financial aspects of retirement, including sessions on Health, Investment, Taxation, Estate matters, Superannuation and the Roll-Over Option.

The Board is currently surveying the South Coast region with a view to conducting a seminar on 21 and 22 January 1988 at Wollongong.

Fund members who were identified by the survey as being within two years of normal retirement age have been contacted in writing by the Board and invited to lodge their nominations.

Any Fund member, within two years of retirement (including Early Voluntary Retirement) who would be interested in attending a seminar in Wollongong on the above dates is invited to contact this office by writing to the Secretary, State Superannuation Board, GPO Box 4003, Sydney 2001 or by telephoning the Seminar Booking Officer on (02) 2382599.

Attendance and the grant of two days special leave is subject to University convenience and staff affected should ensure that leave will be approved.

It is emphasised that nomination to attend a Retirement Preparation Seminar does not commit a Fund member to retire at a particular time. Arrangements for retirement should be made with the University once plans have been finalised.

RESEARCH ASSISTANTS – WHERE ARE YOU?

Recently, nominations were called for from staff interested in sitting on a Staff Training and Development Consultative Committee. Various groupings of staff are to be represented, including Research Assistants. To date, no nominations have been received from staff wishing to represent this group. As it is important that the Committee has input from all types of staff on campus, an appeal is being made to Research Assistants to nominate a representative.

Further details from Wendy Raikes, ext 3946.

CURRENT VACANCIES

Lecturer in Legal Studies, Accountancy and Legal Studies, closing date December 16.

Lecturer in Economics, closing date December 16.

Lecturer in Information Systems, Industrial and Administrative Studies, closing date December 16.

Further details contact Ross Walker, ext 3934.

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 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.

ANARE PROGRAM AND ANTARCTIC SCIENCE ADVISORY COMMITTEE GRANTS SCHEME

The Antarctic Division of the Department of Science invites applications to undertake research in Anarctica during the 1988-89 summer and 1989 winter and for funding under the Antarctic Science Advisory Committee Grants Scheme for field projects in Antarctica and/or Australian based Antarctica research.

Proposals should be directed to the specific areas of study listed in the information available from the Office of Research and Postgraduate Studies.

Applications close with the University on 12 February 1988.

NATIONAL TEACHING COMPANY SCHEME

The Commonwealth Department of Industry, Technology and Commerce has funding available to Australian owned or based companies for employment of graduates in joint projects with Australian tertiary institutions. The scheme is designed to forge links between companies and tertiary education institutions and subsidise the cost of employing high-calibre graduates in projects to improve company performance.

Applications close with the University on 15 February 1988.

COAL RESEARCH AND DEVELOPMENT

The National Energy Research Development and Demonstration Council has invited applications for grants to conduct coal research, development and demonstration projects.

Applications close with the University on 27 January 1988.

PIG RESEARCH COUNCIL – SUPPORT FOR EMINENT VISITORS

The Pig Research Council has invited applications for the partial support of eminent visitors who wish to work in Australia for a period of six to 12 months. The Pig Research Council will expect to provide partial support only and will expect additional funding to be provided from elsewhere.

Applications may be submitted at any time.

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
Fishing Industry Research	December 9
Jamieson Awards for Outstanding Women Graduates	December 11
Education Fellowships	December 14
Oilseeds Research Council	December 17
National Agenda for Women Grants Program	December 17
Honey Research Council	December 22
Water Industry Research Awards	January 7
Packer Cambridge Scholarships	January 31
Lady Leitch Scholarships	February 1
Bicentennial Scholarships	February 1
National Teaching Co Scheme	February 15
Thenie Baddams Bursary	February 15
Imperial College Scholarships	February 29
Irish Government Scholarships	March 4
Mahvi Cultural Scholarships	March 7
European University Institute Scholarships	March 7
Pure and Applied Science in Engineering Research Scholarships	March 21
Rutherford Scholarship	March 21
Indonesian Government Scholarships	March 25
Field Sciences Research Facility	March 31
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time
Pig Research Council - Support for Eminent Visitors	Any time
MERA Project Grants	Any time
R.G. Menzies Scholarships to Harvard	Any time

Scholarships and Prizes

YUGOSLAV GOVERNMENT SCHOLARSHIPS 1988/89

A scholarship is being offered to an Australian citizen by the Yugoslav Federal Administration for International Scientific, Educational, Cultural and Technical Cooperation for postgraduate studies at a Yugoslav tertiary institution during the academic year 1 October 1988 to 30 June 1989. The scholarship will be granted for between three and nine months.

Application forms and information are available from: The Secretary, Department of Employment, Education and Training (Yugoslav Government Fellowship), PO Box 826, Woden ACT 2606, with whom applications close on 4 January 1988.

LADY LEITCH SCHOLARSHIPS

Applications are invited from members of the Australian Federation of Women for the Lady Leitch Scholarships in 1988 and 1989. The scholarships, each valued at $3,500, are open to graduates and are available for study or research in any country or any subject.

Applications close with the University on 1 February 1988.

BICENTENNIAL SCHOLARSHIPS

Applications are called for by the Australian Federation of University Women for the Victorian Bicentennial Scholarship which will be available during 1988 or 1989. The Scholarship, valued at $5,000, is open to all members of the International Federation of University Women for study or research for a higher degree or postgraduate diploma at a recognised Victorian tertiary institution. Applications will be received from graduates of any age and graduates who have not yet taken out their degrees.

Applications close with the University on 1 February 1988.

EEO news....

I would like to take this opportunity to thank all members of the University community for their support during my nine-month limited term appointment as EEO Co-ordinator. It has only been through the continued commitment of university staff and faculty that the EEO Unit has been able to achieve so much this year.

As some of you may know, my full-time appointment has been extended to mid-January when Kathy Rozmeta returns from maternity leave. From then until October 1988, we will be job-sharing the role of EEO Co-ordinator. Kathy and I are looking forward to working together in the unit and have great expectations for 1988. Both of us, as well as Faye Franklin and Janet Sturman, wish you all a happy and healthy holiday season and best wishes for a 'best year' New Year.

Peg MacLeod
EEO Co-ordinator
Ext 3917

Seminars

DEPARTMENT OF MANAGEMENT

Title: Corporate Entrepreneurship and the Innovation Process.

Speaker: Dr Michael Saren, Visiting Fellow, Department of Management, Lecturer in Marketing and Business Policy, School of Management, The University of Bath, Bath, England.

Date: Wednesday December 9.

Time: 11 am.

Place: Building 19, Room 1019.

Abstract: This paper is based on research currently in progress at the University of Bath, England, which is constructing 12 case studies of the process of innovation in larger companies and the management of corporate entrepreneurship.

Generalised models of the innovation process are briefly reviewed and an alternative model is offered which takes as its focus the identification, acquisition, and utilisation of a common 'skills package' needed for innovation to be successful.

The discussion is illustrated with examples from two of our case studies which outline the development of two very different innovations in very different industries, but which seem to share common features.

Concerts, Exhibitions and Entertainment

THE UNIVERSITY SINGERS

The University Singers Christmas Concert will be held this evening, Tuesday December 8, in the Wollongong University Union Hall at 8 pm. The program will include J.S. Bach's Cantata No. 140 'Kachet Auf' with the trebles from St. Marks Church joining the University Singers, the 'Hodie Christus Natus Est' by Sweelinck (1562–1621), works by Praetorius, Philips and the contemporary Maxwell Davies.

Tickets are obtainable at the concert – $7 ($4 concession)

Letters

Sir!

I read with some interest your report October 27 of Professor Ron Johnston's address to the Annual General Meeting of the MTIA.

My interest was particularly aroused by his reference to '20 years of bad industrial relations' in Wollongong. I have conducted extensive research in that area for some years now, and have been unable to find any hard data which supports such a generalisation. On the other hand, numerous politicians and others with special interests to promote have made this claim, which is so damaging to our local industrial image.

I am confident that Professor Johnston, the Director of one of the University's major research arms, was not simply repeating unsubstantiated conventional political wisdom.

I wonder, therefore, if he would publicly share his source of data with those of us who have been labouring in this area for some time without finding the data to substantiate his conclusions.

Yours sincerely
Dr Ray Markey
Department of Economics

Sir!

Although I left the University five months ago, I retain an interest in its activities, and so I look forward to an account of Open Day in ***Campus News.*** So far I have seen a column headed 'Open Day Again', and a letter in response written by Giles Pickford. These two articles left me incredulous and angry.

I had thought that a major purpose of Open Day was to show the community those special features which distinguish universities in general, and Wollongong in particular, from other educational institutions. These features include scholarship, original research, and the lecture style of teaching. This being so, the Town vs Gown cricket match may provide an added spectacle, but it is nonetheless an event peripheral to the main aims of Open Day. Yet, in these two ***Campus News*** articles, less than one line is devoted to 'lectures and demonstrations', but many column inches are allocated to the cricket. The only consolation I can draw is that the University's visitors appeared to have a better understanding of the important aspects of Open Day than the writers of these articles.

I was surprised to infer, from Giles Pickford's letter, that food and drink were being provided for the cricket players. The real workers for Open Day were the academic, technical and administrative staff who had laboured to prepare displays and/or who manned them on the day. I won't ask whether these people received any food or drink; I can guess the answer. Presumably their reward was the thanks of the Administration (or did they miss out on this, too?).

One of the University's greatest needs is to overcome the perception that Wollongong University is a place to go to only if you can't get into a 'real' university. If these two articles are indicative of the organisational and publicity priorities allotted to aspects of Open Day, I feel that the University should look inward before it tries to convert the outside world.

Yours sincerely
Ken Russell (ex Mathematics)
Biometrics Section
Dept of Agriculture & Rural Affairs

PS. I have no objection to cricket on Open Day. I would suggest, however, that the inclusion of other sports, in which women might play and which might be of wider appeal to people not from an Anglo-Saxon background, would be worth considering.

PARKING 1988

In the wake of a review of the first year of operation of the new parking policy, the Administrative Committee of Council has endorsed a number of changes for 1988.

The main changes are as these:

- An additional 180 place Category 2 (Blue) parking area is being constructed west of Building 19 and north of Kooloobong. This area should be available for Session 1.
- The 20-place carpark adjacent (south-west) to the Western carpark will be changed from Category 2 (Blue) to Category 1 (Red).
- Upon completion of the Library extension (early 1988), the portion of the carpark currently being used as part of the construction site will become a Category 1 (Red) carpark of approximately 36 places.
- Category 2 (Blue) permit holders will be permitted to park in Category 1 (Red) parking areas after 5 pm (in the interests of safety and convenience).
- Five additional Disabled Parking spaces have been provided in the Library–Social Science carpark.
- 'One-hour-only' parking places will be located in these areas:
  - Two near the Disabled Parking spaces in the Northern carpark
  - Two adjacent to the southern door of Building 8
  - One at the eastern end of the carpark north of Building 19
  - One in the Building 38 carpark.
- Daily permit holders will be permitted to park in Category 2 (Blue) parking areas only.
- All visitors (not withstanding those exempted by Regulation 2, i.e., delivery and other specified vehicles) will be required to purchase Daily Permits. When visitors have been invited, the $1 fee will be charged to the appropriate budgetary unit. In other cases, the permit fee will be paid by the visitor 'at the Gate'.
- The provision for 'Portable Permits' will be discontinued. The concept of the Portable Permit has been unsuccessful and fraught with problems and will be replaced and compensated by amended provisions for 'Additional Permits'. Staff and students who have regular access to more than one vehicle may obtain permits for up to two additional vehicles (i.e. three in total). The additional permit fee will be $5 each. Evidence must be shown that the additional nominated vehicles are owned by the applicant or applicant's family and issue of the additional permits will be conditional on an understanding being made that no more than one of the nominated vehicles will be parked on the campus at any one time.

1987 Permits are current to the beginning of Session 1, 1988. 1988 permits should be purchased before the start of Session 1 and will be available from or about January 11.

K.E. Baumber
University Secretary

Books and Reading

GENTLE GENIUS

A Life of John Antill (Beth Dean and Victor Carell)

John Antill is considered by many to be our greatest composer. He is best known for his monumental ballet, CORROBOREE. A watershed in Australian musical history, the international celebrity Sir Eugene Goossens so admired it that he brought it to world attention.

CORROBOREE occupies a unique position not only in the history of Australian music, but more importantly in the affection of the Australian public. It is said to be Australia's most performed composition both nationally and internationally. CORROBOREE is supported be a substantial body of works such as his Song of Hagar, Symphony on a City, the beautiful Concerto for Harmonica and Orchestra, A Sentimental Suite, the operas The First Christmas and Endymion, plus hundreds of other works.

Antill remains an enduring and lovable figure in our musical history. He loved his land with all its moods, sounds and silences. Obsessed with the Australian ethos he created with his music visions of vast distances, starlit nights and exciting rhythms which genuinely moved people.

A patriot in the finest sense, John once said: 'Don't let us get away from the fact that we're Australians...We don't want to be tarred with the same brush...we want something distinctively Australian'. Asked if one could write music about the Australian landscape he quickly replied, 'Oh yes, but you'd have to take your shoes off first and stick your toes into the soil!'

John Antill died at the end of 1986. He was 82. Representing a valuable phase in our musical history, ***Gentle Genius*** is a book that had to be written. Its appearance in late 1987 is especially fitting as Australia stands on the threshold of its 200th anniversary. Profits and royalties go to swell the John Antill Scholarship fund of the NSW Conservatorium of Music.

The book was launched by Professor Edward Cowie last Friday, December 4.

This is the final issue of Campus News for 1987. My warm thanks to those who have provided copy, and to the Printery for unfailing politeness and good humour — in what is a much more taxing exercise than generally supposed.

Deadline for the first issue of 1988 will be February 1.

A Merry Christmas and a Happy New Year to you all....

George Wilson

WANTED TO RENT

Newly appointed lecturer, wife and four-year-old child, seek house to rent beginning March 1988. Eager to look after house for University staff on leave first session. Please phone Geography Secretary, ext 3721.

Responsible family require unfurnished/furnished unit, house or property to rent Kiama to Helensburgh. Condition immaterial, willing to renovate. Longer lease preferred but anything considered. Contact Ken King, ITC, ext 3777 or 268885 or (042) 294329.

HOME FOR LEASE

Three bedroom, fully furnished home, three minutes walk to campus, available for lease from July 1988 to January 1989. Contact Ted Booth, ext 3878.

FOR SALE

One Cas Data Decore Ergonomic Workstation with side extensions (drop sides) on castors in marl beight (pale peach colour). Fully adjustable. As new. Cost $598. Will sell for $300 ono. Ext 3917/3030 or 270917 (bus. hours).

TO LET

2 bedroom furnished unit. Cliff Rd., North Wollongong, next to beach. Tel. ext 3687 or 280592.