THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

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17 June 1986

UNMET STUDENT DEMAND IN UNIVERSITIES AND COLLEGES OF ADVANCED EDUCATION

A survey conducted by the Australian Vice-Chancellors' Committee (AVCC) and the Australian Committee of Directors and Principals in Advanced Education (ACDP) shows that between 9,000 and 14,000 students eligible for entry and willing to accept an offer of a place were unable to begin studies in a CAE or a university at the beginning of 1986.

This situation was announced in a joint statement by Professor Don Stranks, Chairman of the AVCC, and Dr Don Watts, Chairman of ACDP.

The data collected in the 1986 survey included information additional to that obtained in a similar survey relating to 1985 and enabled a better assessment of actual unsatisified demand than in 1985.

The 1986 survey shows that, in total, 33,000 or 22.7 per cent of applicants who were regarded as eligible for admission to universities or colleges did not receive an offer of a place, compared with over 29,000 eligible students who did not receive an offer in 1985.

When the 1985 report was released AVCC and ACDP indicated that the figures were a crude measure of unmet demand as they took no account of multiple applications to two or more institutions or admissions centres, did not make any allowance for applicants who nominated a narrow range of courses, and made no estimates of those applicants who would not accept an offer.

In 1986 an attempt was made to allow for these factors on the basis of additional information obtained this year.

In 1986 there were about 2,350 interstate applicants and 2,240 applicants to institutions not participating in joint admissions centres who did not receive an offer and various assumptions could be made on the numbers of such unsuccessful applicants representing genuine unmet demand.

Some 7,650 applicants indicated interest in one course only and 5,400 in two preferences only. Again assumptions might vary on what proportion of these represent genuine unmet demand.

Continued page 2

FORMER HEAD OF EUROPEAN LANGUAGES AWARDED FRENCH DECORATION FOR HIS WORK IN WOLLONGONG

Professor R. Barry Leal, former Head of European Languages and now Deputy Vice-Chancellor at Macquarie University, was made an officer of the Palmes Academiques by M. Georges Zask, Cultural and Scientific Counsellor at the French Embassy in the Northern Lounge of the Union on Thursday June 5. The Palmes Academiques are awarded by the French Minister of Education to people who have made an outstanding and significant contribution to French Studies.

M. Zask praised Professor Leal's work in the Department of European Languages and his initiative in founding the *Alliance Francaise de l'Illawarra.* He outlined Professor Leal's career as an academic starting with his two years in France in the 1960s, his work at the University of Queensland and finally his 11 years as Foundation Professor of French and Head of the Department of European Languages at Wollongong. Professor Leal in accepting the decoration stressed the need for Humanities research and particularly language and literature studies in today's university. Professor Leal also highlighted the importance of foreign-language studies for broadening students' intellectual horizons and quoted the Department of European Languages' motto: 'Languages unlock the world'.

Some 75 invited guests attended a reception after the presentation.

Professor Barry Leal being awarded the badge of the Palmes Academiques by M. Georges Zask

General Notices

CENTRE FOR MULTICULTURAL STUDIES TO CARRY OUT RESEARCH ON WORKERS COMPENSATION SYSTEM

The University of Wollongong's Centre for Multicultural Studies has just been awarded a research grant of $34,295 by the Social Welfare Research Centre of the University of New South Wales, to examine the experience of migrant workers from non-English-speaking backgrounds after suffering industrial accidents or illnesses.

The research project, which has a duration of one year, will be carried out in Wollongong and Sydney, and will include analysis of medical and court records, as well as interviews with both service providers and users.

Because migrants are heavily concentrated in heavy manual occupations, they are frequently victims of accidents and work-related diseases. Previous studies in NSW and Victoria indicate that migrants from non-English-speaking countries frequently experience difficulties in obtaining compensation and gaining access to rehabilitation services. The project will look at evidence on this issue, and make recommendations to improve services and access to them, where possible. The project is being co-sponsored by the Ethnic Affairs Commission of New South Wales.

The Centre for Multicultural Studies was set up by the University of Wollongong in 1977, to carry out research on all aspects of the situation of migrants in the multicultural Illawarra area, and in Australia as a whole. It has built up a considerable reputation in the area, and has recently been expanded. A new Head, Professor Stephen Castles, was appointed in February. Other full-time staff are: Michael Morrissey (Associate Head), Mary Kalantzis (Research Fellow), Bill Cope (Research Fellow) and Carlene Robinson (Administration). A further Research Fellow, Caroline Alcorso, has just been appointed. Projects in progress or recently completed include:

- Three reports for the Adult Migrant Education Service
- A study on in-service training for teachers of adolescents of non-English speaking background (Commonwealth Department of Education)
- Research on pupils' attitudes to members of other ethnic groups (Human Rights Commission)
- Development of an Australian Studies Course (TAFE)
- A study on community networks in Campbelltown and Blacktown (Department of Immigration and Ethnic Affairs)
- A report on the extent of disadvantage suffered by migrants and their children in Australia (Committee of Review of Migrant and Multicultural Programs and Services).

UNMET DEMAND *from page 1*

Information from the survey shows that, overall, about 30 per cent of offers are rejected and at the lower end of the ability scale some 50 per cent are not accepted. Discounts at assumed rates may be applied to arrive at an assessment of the numbers of students not having their real demand for a place met.

On the basis of what they believe are the best reasonable assumptions they might make, ACDP and AVCC arrived at their estimate that some 9,000 to 14,000 applicants who would have accepted offers, that is 7 to 10 per cent of all eligible applicants, were unable to obtain places in higher education.

Other factors made it difficult to measure precisely the extent to which demand has increased or decreased since 1985 — the funding by the Victorian Government of 1500 additional places in 1986 and, in New South Wales, the inclusion of many more students from the lower end of the ability scale in the group defined as eligible applicants.

In overall terms ACDP and AVCC consider that the range in which unmet student demand lies in 1986 is probably very similar to that of 1985.

DEANS OF ECONOMICS/COMMERCE CONFER

Mr R.G. Castle, Deputy Chairman of the Faculty of Commerce, attended the 3rd National Committee of Deans of Economics/Commerce at La Trobe University on May 13. The Deans of Economics/Commerce discussed several problems that are nationwide in their incidence. They are: the growing use of computers, teaching loads, inter-university course credits and selection of students. As the solution of some of these problems is beyond the capacity of individual institutions it was agreed that they ought to be drawn to the attention of the community.

The major difficulty is one of resources or, more specifically, the relationship between resources and the expectations of the funding authorities and the community. There is currently an unsatisfied demand for places in economic/commerce courses at Australian universities and a need for more places to be made available in them. In recognition of this need, federal and state governments have drawn attention to the desirability of expansion of the courses concerned. Our faculties, however, are already over-stretched and have been experiencing high and rising student/staff ratios for a number of years with an unavoidable decrease in the amount of attention given to individual students. Fortunately, the average quality of students entering our faculties has been improving, thus mitigating, to some extent, the effects on standards of achievement.

It is imperative that the desirable increase in the intake in to our faculties be accompanied by adequate funding. Standards of achievement must otherwise fall dramatically, particulary if governmental pressure to increase the proportion of disadvantaged students in that intake is to be met.

The problem is exacerbated by the increasing importance of the level of competence with computers required in our students. Even though there has been, in recent years, a great increase in the amount of computer-related equipment available in our faculties, and in the time devoted to computer-related teaching, we have not been able to satisfy the expectations of the employers of our graduates or of the professional and trade associations to which they belong. An even more negative factor is that much of the expansion in the area of computer-related teaching has been at the expense of other academically desirable areas.

CENTRE FOR TECHNOLOGY & SOCIAL CHANGE FURTHER EXTENDED

Professional staff in TASC (the Centre for Technology and Social Change) has been further extended with the appointment of two new Senior Researchers.

First is Jeff Franklin, who previously worked with the Centre for Research Planning in Philadelphia, USA. This private-enterprise centre is concerned with the development and application of Science Technology Indicators for policy purposes. Jeff will be leading TASC research in the further development of Science Technology Indicators in Australia with a general program with the Commonwealth Department of Science.

Second, Dr Cynthia Cliff is taking responsibility as Manager of a project to develop a Science and Technology profile on Queensland. She has worked previously with the Australian Consumers Association and with the Higher Education Board in Queensland. For the purpose of this study TASC will be opening offices in Brisbane.

REORGANISATION OF THE ACADEMIC AND STUDENT SERVICES BRANCH

The Academic and Student Services Branch has been reorganised in a way which recognises the recent rapid growth in student numbers and the need to provide administrative support for the new academic structure planned for introduction later in the year.

The Vice-Chancellor has approved the division of the existing Academic and Student Services Branch into two separate Branches, the Student Administration Branch, and the Academic Services Branch.

The Student Administration Branch will be responsible for

- Undergraduate student admission, records, and examinations; Summer Session; and general enquiries.
- The provision of administrative support for the University's counselling and other student support services (this has previously been the responsibility of the Staff and General Services Branch).
- Student liaison including liaison with Student Union, the S.R.C. and other student groups and associations.

The Branch will be headed by Trevor Brew, currently the Senior Assistant Secretary responsible for the Academic and Student Services Branch.

The Academic Services Branch will be responsible for

- The provision of a Secretariat service to Senate and other Academic Committees; Faculty Secretaries; and other academic/related matters such as graduation, prizes, calendars, etc.
- The provision of support for the proposed Board of Research and Postgraduate Studies through an Office of Research and Postgraduate Studies.
- The University's publicity and information activities.
- The Central Registry and Administration Word Processing services.

A new position of Assistant Secretary (Academic Services) has been created and will be advertised both within the University and externally in the next few days.

Associated with the two new Branches are several new positions and some reorganisation of existing activities. Not all of the new positions will be filled immediately but will be advertised progressively.

There will inevitably be some transition period before the two Branches are operating fully as separate entities but it is intended to start the process right away. To facilitate that, Peter Wood, as Senior Officer in the Academic Secretariat at present, is acting as Assistant Secretary (Academic Services), pending the permanent filling of that position.

K.E. Baumber
University Secretary

MAJOR AUTOMATION ORDER

The Automation and Engineering Applications Centre Ltd (AEAC), a non-profit company set up by the University of Wollongong (with the aid of funds from the Department of Industry Technology and Commerce and with the support of the NSW State Government and the Illawarra Technology Centre Ltd), has received a large order for a robotic arc welding system worth $340,000.

This is one of the largest orders of its type (involving robots mounted on tracks) ever placed in Australia.

Chris Cook, AEAC's Managing Director, said that the order was a tribute to AEAC's engineering ability and the enthusiasm and hard work of all AEAC's staff. This, together with other orders received from industry to date, indicates the strong support given to AEAC by the University and illustrates technology transfer between the University and Industry in action.

The system consist of two interacting arc welding robots mounted on computer controlled tracks. The robots will be equipped with sensors to allow them to adjust automatically to changes. The tracks and their control computers were developed as part of AEAC'S won R&D program, and

At the meeting of the Illawarra Group of the Institute of Engineers on June 4 are, from left, Dr Chris Cooke, Managing Director of the Automation and Technology Centre, Mr Brian Moore, Lecturer in Mechanical Engineering, Mr George Trotter from BHP Coated Steel Products Division, Mr Rob Garner of ER & S and Mr Clive Schegog of BHP Coated Steel. The group is viewing the latest acquisition from the US – an Adept high-speed Scara robot. It will be used for protopying the assembly of surface-mounted components (eg micro-chips) in printed-circuit boards

will be manufactured entirely in Wollongong. In order to build the system, approximately $175,000 worth of equipment will have to be ordered from Japan, illustrating yet again Australia's relative technological backwardness and its inability to manufacture its own modern equipment. However most of the balance of the contract will be spent in Australia, and most of this in Wollongong.

The final system will substantially enhance the end-user's ability to compete and survive in the future. Unless more Australian manufacturers also modernise, Australian industry, and Australia's standard of living, will continue its rapid decline relative to its competitors. There is still time, however, to arrest this decline if Australia acts now to use its native talent to implement modern techniques in its factories.

SALARY, SUPERANNUATION AND LEAVE ENQUIRIES

The Salaries Section has become concerned that it is not always able to provide a better response to enquiries or queries related to salary payments, superannuation and leave.

More often than not enquiries are received while Salaries staff are engaged in payroll preparation within a strict time schedule, with the result that answers often have to be postponed.

With the growth of both full time and part time staff on campus over recent years the number of enquiries being received by the Salaries Section has also increased considerably. As a consequence it has become necessary to regularise the process of handling enquiries of this nature.

Accordingly, commencing Monday June 23 ALL enquiries by staff relating to salary payments, salary deductions, superannuation, recreation leave, sick leave etc are to be made between the hours of 2 pm and 4 pm Monday to Friday. Part time cleaning staff may also make enquiries between 9 am and 9.30 am Monday to Friday.

Enquiries during the hours indicated above may either be made in person at the Salaries office or by phoning ext 3914.

Your co-operation in the foregoing is requested as a means of enabling the Salaries staff to provide an improved service by being able to more adequately schedule their commitments.

K.W. Moran
Administrative Officer (Salaries)

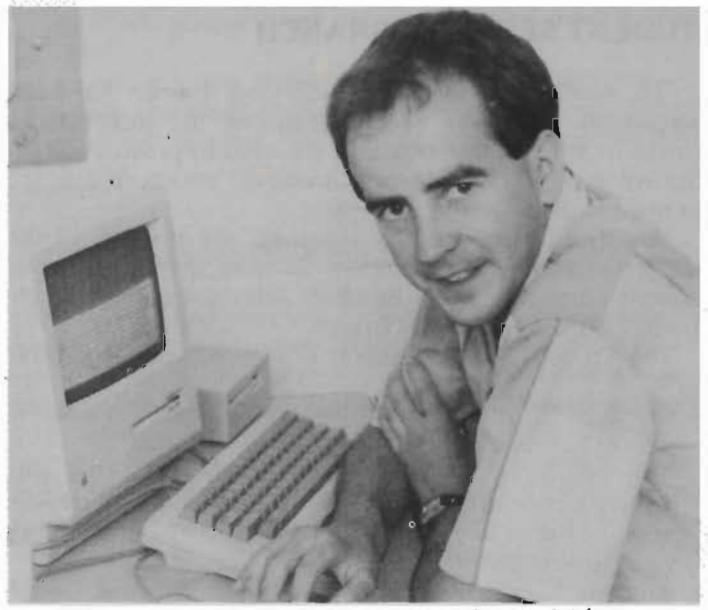
GEOGRAPHER REVEALS SKILL

Graham Haughton, visiting lecturer in Geography at Wollongong, is currently celebrating having received a $250,000 research grant with Peter Lloyd at the University of Manchester's North West Industry Research Unit (NWIRU). The grant was given by the Economic and Social Research Council (ESRC) and will last for two and a half years.

Entitled 'The Dynamics of Skill Creation and Utilisation in the North West' the project covers issues revolving around the adoption and adaptations of emerging technologies by the engineering industry. Dr Haughton developed the research proposal following earlier research on changes in labour market behaviour during the 1980s recession and other parallel work in the NWIRU monitoring UK youth training schemes.

In addition to his new project Dr Haughton will continue his association with a major project on 'Technical Change and the Division of Labour' in Rochdale which is being funded under the ESRCs Economic and Social Life Initiative. Graham's recent commercial contract work has included a study of retail and distribution facilities in Humberside funded by the EEC, a study of change in the UK fish industry for the Sea Fish Industry Authority and an economic impact study of the proposed closure of the Upper Reaches of the Manchester Ship Canal.

While in Wollongong Graham is combining his lecturing commitments with detailed research on BHP and the Wollongong local economy. Before his scheduled return next February Graham also hopes to have found time to undertake research at Broken Hill, with the aim of completing a comparative study of the recent UK and Australian experience of 'Companies and Communities in Change'.



Dr Graham Haughton has every reason to look cheerful (see 'Geographer Reveals Skill')

THE END OF AN ERA

In early July the Department of Geography will farewell Mrs Ethel Lee, Technical Officer (not to mention Laboratory Director, Computing Manager, Manager of the Tea Club, friend and advisor and assistant to more than a dozen generations of students, and dedicated contributor to the welfare of the Department) on the occasion of her retirement. Her grandchildren's gain, like that of youngsters to whom she will be teaching music, is our loss!

Ethel Lee

Ethel joined the University in mid 1973, initially working exclusively (and in near total secrecy, so far as other staff members recollect) for the then Head of Department, Frank Beavington (of whom the mythology is less strange than the truth) in an inner room in the Civil Engineering Building, on the preparation and analysis of soil, vegetation and water samples for heavy metal contamination. Since Frank Beavington's departure, Ethel has become much more widely indispensable to the research activities of all Departmental staff and many of its postgraduate students. Many students have learned their laboratory analytical techniques under her watchful eye. Some came to grips with running SPSS programs on the Univac under her tutelage; and others of us have simply depended upon her to run them for us! How she put up with such ignorance so calmly for so long is hard to fathom. But she is assured of a place on our honours list, 'for services to Geography and geographers over thirteen years, well and truly above and beyond the call of duty'.

Friends and acquaintances of Ethel who are interested in farewelling her should phone Hilde Shaw on ext 3721 for information on when and where.

ITALIAN WRITERS ASSOCIATION OF NSW

Wollongong University's Department of European Languages has just published an anthology of the latest Italo-Australian poetry entitled Italo-Australian Poetry of the 80's, collated from a seminar held in October 1984 and comprising 76 poems written in English, Italian, and its dialects. Contributing poets are Michael Arrighi, Fernando Bassill, Franco Bianchetto, Pino Boiano, Pino Bosi, Aldo Cimino, Rita La Cava, Anna Maria Guidi, Paolo Mercurio, Rocco Petrolo, Christiana Sebastiani, Franco Bottaz, Guiseppe Ceres, Genaro Cozzi, Walter Cerquetti, Emilio Gabbrielli, Enoe di Stefano and Luigi Strano. Copies ($10 plus $2 post and handling) are available from the Association through the Department of European Languages, PO Box 1144, Wollongong, NSW 2500.

* * *

A novel by local Pietro Tedeschi titled Senza Camicia (Shirtless) was launched at the first AGM of the Association of Italian Writers NSW at which time an executive committee — comprising Professor Barry Leal, Patron,

L. Strano, President, E. di Stefano and A. Ridolfi, Vice-Presidents, G. Rando, Secretary, and P. Polizzi, Treasurer — was elected.

* * *

Wollongong's Pietro Tedeschi — a founding member of the Association — has just had a first novel published in Italy where it has been highly praised. Entitled Senza Camicia (Shirtless), it autobiographs one Di Morcia, while living in post- World War II Italy, as he experiences life's hardships and the intellectual constraints of that crises-bound era. Having been retrenched from the factory, where he was employed as metal-mechanic, the author emigrated to a new, and more fulfilling life in Australia in 1952.

(Written and authorised by Michael Arrighi, 61 Waples Road, Unanderra, NSW 2526; Phone (042) 7155391).

PROPOSED CURTIN UNIVERSITY OF TECHNOLOGY

'The notion that a college of advanced education could be transformed into a 'university of technology' by the stroke of a legislative pen is illusory', the Chairman of the Australian Vice-Chancellors' Committee (Professor Don Stranks) declared following a discussion by the AVCC of the announcement by the Western Australian Minister for Education that the Western Australian Institute of Technology (WAIT) will be re-named the Curtin University of Technology, and his claim that this establishes for the first time' ... three levels of tertiary education', that is university, university of technology and colleges of advanced education.

The AVCC emphasises that simply to re-name a college of advanced education is not sufficient to establish it as a 'university of technology'. The notion of a university as an institution devoted to, and funded to support, scholarship, undergraduate teaching, postgraduate training and research is well understood and recognised in Australia and overseas, but that of a 'university of technology' as a separate category of institution, is not. The AVCC is anxious to have further details about this novel development. It also awaits with interest further information about the steps which will be taken to transform WAIT, as a CAE, into a 'university of technology' — steps which must embrace considerations of funding, staffing and the definition of educational responsibilities.

'The extra Commonwealth funding now being sought for this unplanned development must be set in priority order against the clear national need for increasing student places in higher education and overcoming major deficiencies and backlogs in computers, equipment, buildings and research support', Professor Stranks said.

AUSTRALIAN INSTITUTE OF MANAGEMENT MONTHLY MEETING

Guest Speaker: Dr Michael John McKiernan, MB, ChB, DIH, MFOM, RCP(London), Head Occupational Medicine, Illawarra Rehabilitation Centre, Bankstown Occupational Health Service.

Topic: Current Trends in Occupational Health at the Workplace.

Date: Wednesday, June 18

Time: 5.30 pm — light refreshments; 6 pm — address

Venue: Illawarra County Council, Administration Building Level 7, Bridge Street, Coniston.

Dr McKiernan underwent postgraduate training at the Institute of Occupational Health (London School of Hygiene and Tropical Medicine). He is a Fellow of the Australian College of Occupational Medicine and a Member of the Faculty of Occupatonal Medicine at the Royal College of Physicians, London. He has lectured at the University of Birmingham and other postgraduate institutions in the UK and Europe. He was Honorary Secretary to the Royal Society of Medicine, Occupational Medicine section from 1982-1985.

$ources of Funds

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Closing Date With Agency
Victorian Electricity Commission Research Fellowship	June 20
Visual Arts and Crafts	June 27
Tobacco Research Council	June 30
C & V Ramaciotti Foundation	June 30
Victorian Law Foundation Historical Study	June 30
Australian Tobacco Research Foundation	June 30
International Year of Peace	June 30
Grants for Film and Video, Literature and History	July 4
Australian Sports Commission:Coaching	July 4
Electrical Research Board-Grants & Scholarships	July 4
International Year of Peace	July 14
Postdoctoral Fellowship in Telecommunications	July 30
Harkness Fellowships	August 29
OPSM Research Foundation	July 18
1987 Science Exchange Visits	Sept 1
Research Into Drug Abuse	N/A
Australian Institute of Urban Studies	N/A
International Year of Shelter for the Homeless	N/A
Family Planning Program	N/A

eeo news....

A NEW PHASE FOR EEO

The Affirmative Action Working Party which has guided the establishment of Equal Employment on campus since 1982 has ceased to exist.

The group felt that a more broadly based committee should now be set up to give advice on Equal Employment Opportunity implementation and to provide a pool of expertise for special-purpose working projects.

The new committee will be known as the Equal Employment Opportunity Committee and will include in its membership the Director of Affirmative Action, the EEO Co-ordinator, a representative of Staff Office, women from general and academic staffs and the four main Unions on campus. Aboriginal, disabled and staff with non-English-speaking backgrounds will also be represented.

All these groups will be invited to provide their nominee/s and the new Committee should start functioning in the near future.

I would like to thank all staff who have participated in the Affirmative Action Working Party over the years. It was a very difficult job, often thankless, and EEO in this newer implementation phase is finally reaping the benefits of their hard work.

I hope that some of the old hands and a lot of new ones will rally again to help promote systems for both academic and general staff which open the doors to employment opportunities which may have been closed, or at least difficult to access.

Thank you and I look forward to the future co-operation of staff from all quarters.

Kathy Rozmeta
Ext 3917

friends
Campus Community Interface

GRADUATES GROUP INFORMATION SERVICE

The Chairman of the Graduates Group, Ald. Keith Phipps, has announced that volunteer members of the Graduates Group would provide a personal service to other graduates, staff and students about the Graduates Group in particular and about various aspects of the Friends' operation in general.

The service would be staffed by volunteer graduates on Tuesday, Wednesday and Thursday each week from 10 am to 4 pm in the Friends House, 49 Northfields Avenue (tel 270082).

Roster Co-ordinator, Winifred Ward, has 12 Graduate Group members on her roster so far and hopes to get more so that the service can be extended to Mondays and eventually Fridays. Inquiries can reach Winifred on 843520.

The Chairman of the Graduates Group said that this new service would be useful especially to graduates who might be passing through town, and who wanted to look up old friends. It would also be useful to students who needed the help or friendship of graduates who had been through the system.

The roster times for the Graduates Group Information Service are shown below:

June
- Tuesday 17 — Margaret Reid
- Wednesday 18 — Anne Young
- Thursday 19 — Winifred Ward
- Tuesday 24 — Melva Merletto
- Wednesday 25 — David Roberts
- Thursday 26 — Noeline Burt

July
- Tuesday 1 — Michael Arrighi
- Wednesday 2 — Sandra Stanley
- Thursday 3 — Kath Condell
- Tuesday 8 — Wilma Furlonger
- Wednesday 9 — Norman Mitchell
- Thursday 10 — Marjorie Macdonald
- Tuesday 15 — Margaret Reid
- Wednesday 16 — Anne Young
- Thursday 17 — Winifred Ward
- Tuesday 22 — Melva Merletto
- Wednesday 23 — David Roberts
- Thursday 24 — Noeline Burt
- Tuesday 29 — Michael Arrighi
- Wednesday 30 — Sandra Stanley
- Thursday 31 — Kath Condell

August
- Tuesday 5 — Wilma Furlonger
- Wednesday 6 — Norman Mitchell
- Thursday 7 — Marjorie Macdonald
- Tuesday 12 — Margaret Reid
- Wednesday 13 — Anne Young
- Thursday 14 — Winifred Ward
- Tuesday 19 — Melva Merletto
- Wednesday 20 — David Roberts
- Thursday 21 — Noeline Burt
- Tuesday 26 — Michael Arrighi
- Wednesday 27 — Sandra Stanley
- Thursday 28 — Kath Condell

September
- Tuesday 2 — Wilma Furlonger
- Wednesday 3 — Norman Mitchell
- Thursday 4 — Marjorie Macdonald

PLANETARIUM BREAKTHROUGH

Set out below is an extract from the Premier of New South Wales to Mr Malcolm Booth, Chairman of the Projects Committee of the Friends of the University.

The Premier has asked me to reply to your recent letter in which you expressed support for the Illawarra Planetarium project.

As you may be aware, the question of the establishment of a Planetarium in the Illawarra Region has been the subject of detailed consideration by the New South Wales Government in the context of the Commonwealth's Steel Regions Assistance Program.

In assessing the Planetarium project, careful consideration has been given both to the views of the regional committee established to formulate a tourism program under the Commonwealth Scheme, and to the widespread community support evident for the project.

Mr Wran is pleased to be able to advise you that the New South Wales Government has given its full support to the inclusion of the Planetarium proposal in the Steel Regions Assistance Program, and has now formally recommended to the Commonwealth Government that it be funded under that Program.

The Commonwealth Government has also been advised that funds totalling $1 million will be made available for the Planetarium from the New South Wales Bicentennial Commemorative Program, should a decision be made to fund the project under the Steel Regions Assistance Program.

UNI ADVICE

LATEST DEVELOPMENTS

Agreement has now been obtained with the Director-General of the Department of Technical and Further Education whereby teaching staff with local TAFE colleges have been given approval to participate in R&D projects through Uniadvice. The Director-General has stated:

'TAFE staff would gain considerable professional and educational benefits from an involvement in Uniadvice projects and I am keen to support and facilitate such involvement.'

This arrangement means that the availability of technical staff for all manner of projects has been significantly enhanced for this University's researchers in not only the immediate geographic area but also in a large number of other areas too remote for academic staff to access for small projects or projects requiring an on-site representative for frequent sampling or observations.

These areas include Bega, Dapto, Eurobodalla, Milton, Moss Vale, Shellharbour, Nowra and West Wollongong. The neighbouring TAFE college, of course, is also included in the arrangements. This is the first time these arrangements have been agreed to with any Tertiary Institution Consulting Company in NSW.

The wide variety of skilled technicians, tradespeople and other occupations covered by TAFE courses means that the Heads of Departments will now find it easier to undertake research projects than has previously been the case with the availability of only very limited departmental resources. Also of interest is the fact that this arrangement will include access, on a fee basis, to available TAFE equipment. This should greatly enhance the capacity of this University to undertake technical projects.

TAFE administration has requested that researchers interested in seeking assistance should go through the Uniadvice office to ascertain the availability of specialist skills or equipment. All arrangements must be made in

writing. The list of personnel at each of the above centres is, quite naturally, extensive and cannot be included in this article.

It will be necessary to cost the involvement of these personnel as technical staff, just as has been the case where University personnel have been used on projects in the past.

Further information may be obtained through Uniadvice by contacting Peter Sophios on ext 3076.

Seminars

All members of the University are invited to attend a seminar hosted by the Centre for Education Policy Studies in the Faculty of Education. Dr Jean Blackburn (visiting Fellow, Research Centre for Women's Studies, University of Adelaide) will be discussing:

Later Policy Developments in Education in Victoria
Time: 10.30 am to noon
Date: Wednesday June 18
Venue: Meeting room, Building 21
Light lunch will follow.

If you will be attending advise Debbie McGavin (ext 3078) or Jane Cook (ext 3963) by Friday June 13.

DEPARTMENT OF GEOGRAPHY

Date: June 18, Wednesday, 12.15 pm

Venue: University of Wollongong, Room G03, Building 19

Speaker: Dr Mike Taylor. School of Pacific Studies, Australian National University (ANU)

Topic: Regional Problems and Inter-regional Comparative Advantage.

Mike Taylor's recent publications include the books: ***The Geography of Multi-nationals*** and ***The Geography of Australian Corporate Power.*** His paper arises out of work being conducted whilst on secondment to Federal Government concerning present and future regional development policies for Australia.

THE CURRENT STATUS OF QUANTUM CHEMISTRY

Speaker: Dr Nick C. Handy, University of Chemical Laboratories, Cambridge, UK.

Time: 11.30 am, Monday June 23

Location: Building 18.206 (Chemistry Lecture Theatre)

Dr Handy is one of the international leaders in the field of computer modelling of molecular structure and behaviour. Apart from a very innovative role in the development of new approaches to quantum chemistry, particularly in the fields of molecular electronic structure and of vibrational behaviour, Dr Handy has extensive experience in the utilisation of all classes of computers — from microcomputers to supercomputers — in the chemical physics context of modelling molecular behaviour.

POSTGRADUATE SEMINARS IN HISTORY

July 24 — Norm Neill — Methodology of the Development of the dairying industry in the southern Illawarra, 1887-1917

DEPARTMENT OF PHYSICS

To be held in the Physics Lecture Theatre Bldg. 18 Rm.118.

Date: Thursday July 17

Speaker: Dr John Collins, CSIRO Div. of Applied Physics, Lindfield.

Topic: Low Temperature Thermal Properties of Defects in Alkali Hallides.

BIOMEDICAL EVENING

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.

Seminar will begin at 8 pm in Lecture Theatre, G.19, Building 35.

Date: August 6

Speaker: Dr W.J. Peacock, Chief, CSIRO, Division of Plant Industry, Canberra.

Topic: Gene Engineering in Plants

Concerts, Exhibitions and Entertainment

CONCESSION TICKETS TO AUSTRALIAN OPERA PERFORMANCES

A limited number of A Reserve tickets at $33 (a saving of $9 per ticket) are available at concession prices for perfomances by the Australian Opera during its Winter Season.

Voss	Saturday June 28	12.30 pm
Boris Godunov	Friday July 4	7.30 pm
The Barber of Seville	To be advised	
Madame Butterfly	Wednesday July 8	7.30 pm
Peter Grimes	Friday July 25	7.30 pm
Aida	Saturday July 26	1 pm
La Fille du Regiment*	Saturday August 16	1 pm
The Magic Flute ††	Thursday August 21	7.30 pm
Macbeth	Friday September 5	7.30 pm
Manon Lescaut	Saturday September 20	1 pm
Rigoletto	Saturday October 11	1 pm
Die Fledermaus	Friday October 24	7.30 pm
Eugene Onegin	Saturday November 1	1 pm

*No concession available. Tickets $50.

† Premium reserve tickets only $45.

For further information, contact David Vance, Music Development Officer, ext 3617.

THE SOUND OF WALES IN AUSTRALIA

More than 100 of the world's best voices will delight Australian audiences in October when the Treorchy Male Choir from Wales makes its first Australian tour.

Ranked alongside the Vienna Boys and the Mormon Tabernacle Choirs as the three best in the world, the Treorchy, sponsored by James Hardie Industries Limited, will tour Australia as part of South Australia's Jubilee 150 celebrations.

The Treorchy Male Choir is almost legendary throughout the United Kingdom and beyond. Male voice singing has flourished in Treorchy for more than 100 years and the Choir's popularity both at home and abroad is a tribute to the keen amateurs which make up the Choir and keep it alive.

The itinerary for the Choir's first Australian tour is as follows:

October 14	Sydney Opera House
October 15	Civic Theatre, Newcastle
October 17	Sydney Opera House
October 19	Middleback Theatre, Whyalla
October 20	Keith Michelle Theatre, Port Pirie
October 21	Chaffey Theatre, Renmark
October 23	Sir Robert Helpmann Theatre, Mt Gambier
October 27	Festival Theatre, Adelaide
October 29	Victorian Arts Centre, Melbourne
October 30	Victorian Arts Centre, Melbourne

An advanced mail booking form will be available in July.

The sketches above are taken from 'History of the Arts' lectures, and are by Michael White, a student at the School of Creative Arts. They are described as 'Very succinct character depictions of the lecturers and their lecture material'. We only wish we could have used them bigger than here — but we are once again this week battling against the quart-into-the-pint-pot syndrome

Job Vacancies

Details of the positions listed below are on file in the ***Campus News*** Office — room G24A, on the ground floor in the administration building.

ANU	Fixed-term Lecturer in Drama, Faculty of Arts
	Tutor/Senior Tutor, Faculty of Science, Department of Forestry
	Postdoctoral Fellowships, Research School of Physical Sciences
	Professor of Political Science in the Department of Political Science, Faculty of Arts
Macquarie	Senior Lecturer/Lecturer in Mass Communication (Tenurable), School of English and Linguistics
	Senior Research Assistant Grade 11/111 School of Behavioural Sciences
Massey	Lectureship/Senior Lectureship in Veterinary Medicine
	Lecturer/Senior Lecturer in Applied Animal Reproduction
	Professor of Philosophy
	Visiting Lecturers in Accounting/Finance

Advertisements

FURNISHED ACCOMMODATION WANTED

For:

- Visiting Lecturer and wife — mid-July to late September
- Visiting Professor and wife — mid-July to late September
- Visiting Professor — mid-July to late August

Contact: Martin Bunder ext 3839 or 289871 or John Blake ext 3845.