

BULLETIN

THE UNIVERSITY OF NEWCASTLE

Number 22

ISSN1033-3894

Registration NBH 3127

December 18 to February 19, 1990

Merry Christmas



When we went looking for a Christmas photograph, the Kintaiba Community Child Care Centre in the University's grounds was the first place we thought of. Back row: Monique Shaw and Jade Mason; front row, Meredith Kelleher, Robyn Stuart, Jacob Fry, Belinda McCormack, Alison Beverly and Timothy Quinn.

Christmas is traditionally a time for greetings and good cheer. It is also a time to take at least a brief review of the past year. On one aspect of this there can be no doubts: it has been an eventful time.

Amalgamation has occupied a prominent place in our affairs. It is a significant achievement that we are now able to celebrate this first Christmas of the amalgamated University. What may be even more significant is that, having spent much time considering the inevitable problems of amalgamation, we are now addressing solutions to the problems in ways which are proving effective. This is largely the result of the hard work and commitment

which has been provided by very many people: my thanks go particularly to them.

While structurally and historically 1989 will properly be recorded as the year of amalgamation, it is important to remember that the work of the University has been proceeding — and proceeding successfully — throughout the year. More students will be graduating from the University than from the three component institutions in previous years; and while size is not an objective in itself, this means that more people in our region will have benefited from access to higher education than ever before. We shall serve the region best by sustaining

the quality as well as the quantity of education that is available and in particular by achievements of excellence across the whole University.

The future will offer many challenges, many opportunities. With some confidence we can look forward to our abilities to respond positively to them. It is in this spirit that we can look forward to a good New Year.

My best wishes go to all members of the University for Christmas and the New Year.

K.J. Morgan

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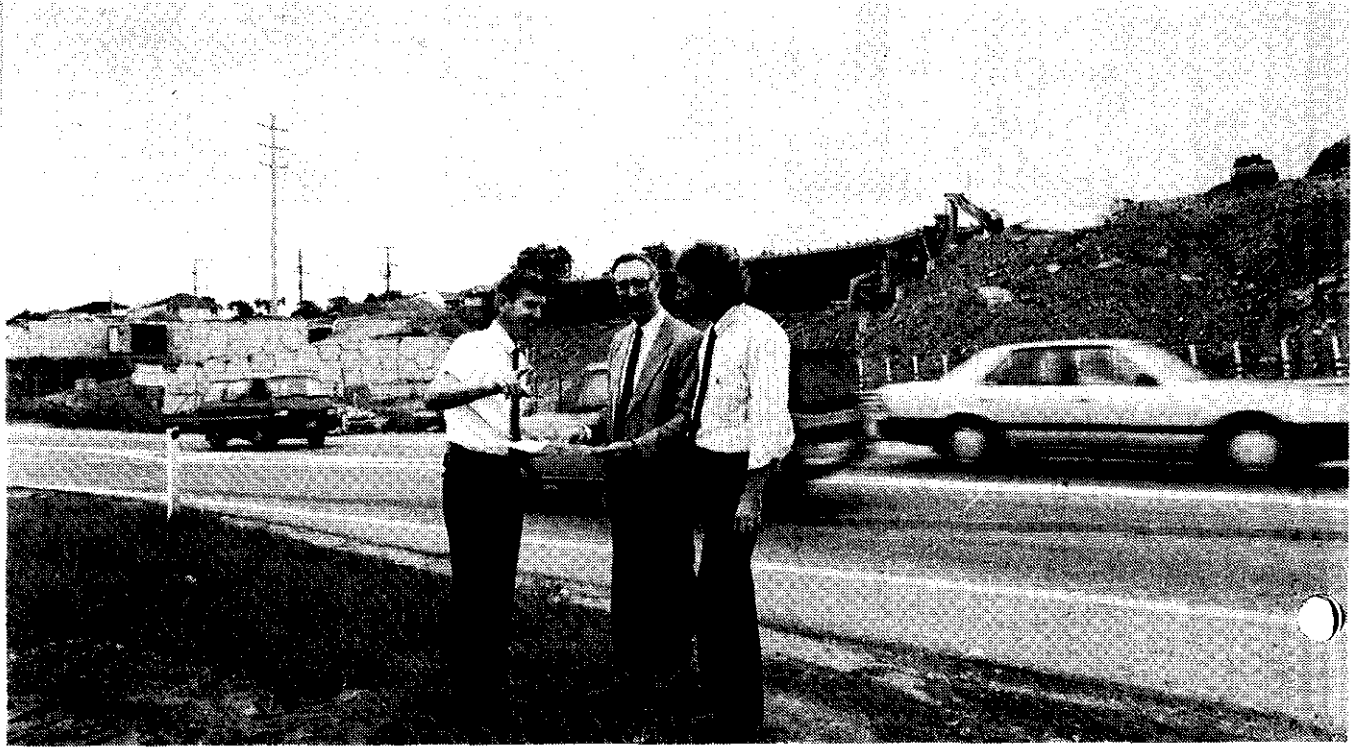
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● The Resident Engineer, Mr Kevin Hays (left), and the Project Manager for State Highway 23, Mr Bob Hanley, explain to the Vice-Chancellor how traffic in Rankin Drive will be directed onto the interchange behind them.

Traffic switch onto bridge

The North Bridge of the interchange in Rankin Drive, near the University's main entrance, is expected to be opened soon after students commence Semester I next year.

The interchange is associated with construction of a four-lane divided carriageway on the Newcastle Bypass, which is known as State Highway 23, between Newcastle Road, Jesmond, and Sandgate Road, Shortland.

The interchange is in the form of an elevated roundabout, which comprises two bridges over State Highway 23, earth retaining walls, loading and unloading ramps and pedestrian and bicycle path links.

When the northern bridge is completed around next February/March, traffic in Rankin Drive will be directed onto it and work will then be commenced on the South Bridge.

The Resident Engineer for State Highway 23, Mr Kevin Hays, explained that the interchange was one of the major works included in the State Highway 23 project, which was designed to replace the present congested route between Newcastle Road at Jes-

mond and Sandgate Road at Shortland.

He said that before the North Bridge of the interchange could be opened to traffic the approaches would have to be constructed.

Work on the approaches would be commenced after Moore Street was closed between the Hugo Avenue intersection and Wilkinson Avenue. Traffic would be provided with an alternate route via the roundabout at the northern end of Blue Gum Road and part of Wilkinson Avenue.

The Roads and Traffic Authority (RTA) is carefully co-ordinating the three stages of the work on Rankin Drive — the Blue Gum Road and University roundabouts and the SH23 interchange — because of the importance of maintaining the movement of traffic on this vital arterial route.

With the RTA having virtually completed the University roundabout, staff and students have been provided with much safer traffic conditions than existed when there was a T-intersection.

A bus bay will be constructed west of the University entrance and the temporary bus stop now located at Hunter Technology will eventually be located there.

Around this time last year, the RTA was preparing to carry out

the major changes at the University's main entrance. Before the commencement of Semester 1, a temporary roundabout and the old bus stop had been moved.

The new roundabout and associated works, including the realigned Rankin Drive, was constructed during this year.

During an inspection of the roundabout and the interchange on December 13, the Vice-Chancellor, Professor Keith Morgan, congratulated the RTA for having maintained the road system and having completed the major works on time. The new connection with the University would ease congestion at several spots.



Council approves the promotion of 20 staff members

The Interim Council has promoted 20 members of the academic staff from January 1, 1990.

Promoted from Senior Lecturer to Associate Professor are the following seven members of staff:

Dr K.H. Bell of the Department of Chemistry, *Dr L.A. Chahl* of Clinical Pharmacology in the Faculty of Medicine, *Dr R. Loughran* of the Department of Geography, *Dr A. Oakley* of the Department of Economics, *Dr D.A. Powis* of Human Physiology in the Faculty of Medicine, *Dr J. Rosenberg* of the Department of Electrical Engineering and Computer Science, and *Dr C.W. Stahl* also of the Department of Economics.

The following 13 Lecturers have been promoted to Senior Lecturer:

Dr R.E. Betz of the Department of Electrical Engineering and Computer Science, *Dr L.K.S. Chan* of the Department of Education, *Mr B. Cheek* of the Department of Management, *Dr L.H. Connor* of the Department of Sociology, *Dr C.E. De Souza* of the Department of Electrical Engineering and Computer Science, *Dr J.A. Dickinson* of Community Medicine in the Faculty of Medicine, *Mr R.J. Donaldson* of the Department of Architecture, *Dr M.T. Gordon* of the Department of Economics, *Dr B.V. King* of the Department of Physics, *Dr G.N. McIntyre* of the Department of Geography, *Dr I.M.Y. Mareels* also of the Department of Electrical Engineering and Computer Science, *Dr I.D. Moore* of the Department of Civil Engineering and Surveying and *Dr S. Redman* of Behavioural Science in Relation to Medicine in the Faculty of Medicine.



● Mr Greg Cartan and Dr Tricia Vilkinas

Continuing as academic colleagues

Dr Tricia Vilkinas and Mr Greg Cartan, who are a couple, have resigned and will become colleagues again in Adelaide.

They have accepted staff positions at the Graduate School of Management at the University of Adelaide.

Dr Vilkinas, a Senior Lecturer in Management, joined the Department of Commerce in 1984. 'I am sad to leave as the University has been great in my development as an academic', she said. 'In

Adelaide, however, there will be an opportunity to broaden my research and I will have additional administrative work'.

Mr Cartan, a Lecturer in Law and a barrister, administered a management consultancy, OPTIONS, before commencing at the University. Among his duties at the University of Adelaide will be directing non-award management development programs.

A joint farewell luncheon was held for Tricia and Greg in the Staff House on December 4.

University chiefs welcome funding statement

The announcement that \$30 million would be dedicated to providing greater funding parity for higher education institutions in the 1991-93 triennium has been welcomed by the Australian Vice-Chancellors' Committee (AVCC).

Mr Dawkins, Minister for Employment, Education and Training, announced the decision in Canberra this week at a seminar on relative funding in higher education attended by top executives of universities, colleges and institutes.

AVCC Chairman, Professor Brian Wilson, said that the \$30 million would enable an early

start in 'remedying the significant distortions' in current Commonwealth funding to institutions.

The AVCC has had a special working party studying funding relativities in higher education institutions. Professor Don McNichol, Vice-Chancellor of the University of New England, chaired the group and yesterday presented its findings to the Canberra seminar.

Professor Wilson said he was confident the seminar would develop agreement on the basis for an appropriate funding model that would take into account variations in discipline mix, superannuation costs and other factors. The White Paper, he said, had pointed to variations of up to 35 per cent in the relative funding base of institutions.

INTERIM COUNCIL

Interim Council on December 8 approved offers of appointment to the Chairs in Mathematics, Social Work and Mechanical Engineering (Bulk Solids Handling and Conveying). The names of the persons appointed will be announced after they have formally accepted.

The Vice-Chancellor told Council that the Selection Committee for the Chair in Computer Science was not yet able to make a recommendation to Council.

Research

The Vice-Chancellor told Council that the Australian Research Council (ARC) had made grants worth \$1.8 million and the National Health and Medical Research Council (NH&MRC) had allotted grants valued at \$1.6 million to members of the University's staff for research in 1990. These totals compared with less than \$1.4 million from the ARC and \$1.4 million from the NH&MRC in 1989.

Professor Morgan said that although the increases were significant they were not good enough. There was pressure on the University to carry out more research. He had decided to provide special funds for excellence in research and staff were being encouraged to apply for these funds.

Science Park

The Vice-Chancellor referred to his public statements in support of the development of a science park in Newcastle and explained that an accepted criterion for a successful science park was its establishment in congruity with a university. Following further discussions, it should be possible for the people concerned in the proposal to make an announcement, which should identify the science park as an important development for the Hunter.

Avondale College

Council approved a recommendation from the Vice-Chancellor that discussions began with Avondale College at Cooranbong in relation to a formal association with the University.

Council was informed by the Vice-Chancellor that Avondale College attracted some state funding on account of its teacher education programs. However, funding had become difficult following the introduction of the Unified National System (UNS).

Some time ago the Deputy Vice-Chancellor (Planning), Dr Doug Huxley, and Professor Morgan talked to the Principal of the College about the problems the College was facing. The College's Board of Governors had decided to approach the University to find out what arrangements might be made under the UNS.

Professor Morgan said he would explore with the Principal and Officers of the Department of Employment, Education and Training (DEET) the areas suitable for discussion. The University was empowered to acquire colleges for not just academic but also residential purposes. Professor Morgan said an association between the University and Avondale College would be helpful to education in general and the University.

Student Services Group

The Vice-Chancellor reported that the Student Services Working Group (SSWG) had been active and the Council would soon be asked to take action on the group's report.

(The SSWG was set up by the Amalgamation Implementation Committee to receive advice and report on the provision and organisation of student services in the consolidated University.

The group has received recommendations from sub-groups formed to consider the Chaplaincy, child care, grievances/Ombudsman, semi-autonomous organisations, sport and recreational facility usage and student services, including counselling, health, accommodation, welfare and legal services.

The recommendations of the SSWG include:

- That semi-autonomous organisations in the consolidated University be controlled by a Student Services Liaison Committee, responsible to the Interim Council and comprising representatives of the Students' Association, the Sports Union and the Union, and
- That student services be located in one division to be known as University Support Services, headed by a full-time Pro Vice-Chancellor and Dean of Univer-

sity Support Services.

The SSWG's report has been circulated throughout the University and comments on the recommendations were invited by no later than December 14.)

Salary Loadings

Council had previously been told that the Vice-Chancellor would provide a report on how the University might address the issue of paying academic salary loadings.

Professor Morgan said he had not had time to write the report and he would table it at the Council's next meeting on February 9.

General Service Charge for 1990

Council had previously agreed that it would decide the students' general service charge for 1990 at its December meeting and that there would be one Union, one Sports Union and one Students' Association for the University.

After lengthy discussion, Council approved a common students' general service charge of \$229 for 1990.

An amendment that part-time students be charged 75 per cent of the fee charged full-time students and that the Student Services Liaison Committee make recommendations next year on the future part-time fee was put to the meeting and was lost.

Council received a report from a committee which comprised the Pro Vice-Chancellor and a panel of Students, Professor Ken Dutton, and representatives of the Union, Sports Union and SRC and the Student Union of the former Higher Institute. The committee was convened following the Council's decision to set a general service charge for 1990 at its December meeting.

The committee said that the immediate problem had arisen because the old University had a common general service charge for full-time and part-time students, whilst the former Hunter Institute had a differential charge.

The committee felt that the fees could not be set for 1990 without regard to the fixed commitments of the three organisations in 1990 and beyond. To approve a reduce fee for part-time students would provide less revenue, unless

• More over the page

a higher charge were being contemplated for full-time students.

The committee submitted that as a compromise a part-time fee for 1990, set at 75 per cent of the full-time fee, could be supported.

The Vice-Chancellor pointed out that extensive discussions had been held. Universities did not generally accept differential charges for full-time and part-time students, as it was difficult to define the difference between the two kinds of students. Both the Sports Union and the Students' Association had argued, he said, that part-time students did not make lesser demands upon them than full-time students.

Mr Phil Oke, past President of the Student Union of the former Hunter Institute, said he supported a charge which incorporated two different levels, because part-time students spent twice the time that full-time students spent at the University and, therefore, paid twice as much for the same qualifications.

Mr Kent Gillman said he supported a common charge for full-time and part-time students, because there was no difference between the administrative costs in relation to each kind of student.

Union Developments

The Vice-Chancellor previously told the Council that because he was concerned to ensure that the plan for a new refectory for the Student Union of the former Hunter Institute, estimated to cost more than \$1 million, and the proposal for extensions to the University Union, estimated to cost about \$2 million, were viable he had engaged Ernst and Young, Chartered Accountants, and Suters Architects and Planners to examine the projects.

The reports from Ernst and Young and Suters Architects and Planners submitted to the Council included the following recommendations:

- Amalgamation of the Unions proceed without delay,
- An interim executive be appointed, comprising representatives of the Student Union and the University Union, together with two members of the Interim Council, to oversee the amalgamation,
- The management of the merged Unions be brought together physically in one location,
- A new constitution be drawn up for the merged Union,

- The possibility of the Student Union taking over the cafeteria in the former Hunter Institute and upgrading it be fully explored,
- A new complex be considered to meet the needs of students and staff on the Waratah site,
- All further major developments of the Union buildings be postponed until after a Master Plan for the whole University has been prepared, and
- One or both Union buildings should be 'renamed' as soon as possible to reflect the fact that they serve a single student body.

Professor Morgan said the sensible approach was to create new structures for the three semi-autonomous organisations. It had been decided that there would be one Union, one Sports Union and one SRC of the University and the Council should take action to establish them as soon possible.

He said modification of the Sports Union's structure was a straight-forward matter. The SRC needed a new constitution and an election of officers of the amalgamated association would have to be held in March. The Unions had agreed that there should be one Union, but they had not agreed on the new constitution.

Council approved the following actions:

- The constitution of the Sports Union be amended to cover the whole student body,
- The constitution of the Students' Association be amended to cover the whole student body, with interim arrangements to be established until elections can be held,
- The constitution of the Union be amended to cover the whole student body and an Interim Board of Management be established, which will be required to prepare a constitution for the Union and its mode of functioning for implementation no later than July 1, 1990. The Interim Board is to operate under an amended constitution of the University Union, and
- Council appoint two members of the Interim Board, one of whom shall chair the Board and be the person to whom the two Joint Chief Executives shall report,
- The Vice-Chancellor act on Council's behalf to take the actions necessary to implement the proposals.

The Deputy Chancellor, Mr John Peschar, and Professor Dutton were appointed as members of the Interim Board of Management

of the Union.

Council also approved a proposal that construction of Stage IV of the University Union proceed.

It deferred the scheme for the new refectory at the former Hunter Institute until discussions, have been held with the architects engaged to prepare the Master Plan for the University and plans have been drawn-up for the development of the Union as a whole for the next five years.

Evatt House

Dr David Kay and Mr George Souris, MP, were appointed as members of the Board of Governors of the student accommodation block now under construction near the East Gate entrance.

The Council named the building Evatt House.

Greeting cards for Christmas

For a different sort of Christmas greeting card, Convocation has available a set of six cards for \$3 (plus 50c for postage) picturing sketches of University buildings in their bushland settings by artist, Allan Gamble.

Convocation also has a range of fine quality mementos of the University, which would make beautiful and unusual gifts for Christmas, and are on permanent display in the ground floor corridor of the McMullin Building opposite the Convocation Office. Enquiries: Nicolette Connon, Extension 370.



6 Minister's visit included UN visit



- The Minister for Employment, Education and Training, Mr Dawkins, had a busy itinerary when he visited Newcastle and Maitland on December 1.

During his visit to the University he saw some of the features of the campus, assisted by the Vice-Chancellor, and joined members of the Centre for Industrial Control Science (CICS) for lunch in the Staff House. The Minister (second from the right) is shown with Professor Graham Goodwin, the Vice-Chancellor, and Mr Peter Nicholson of AWA MicroElectronics Pty. Ltd. Professor Goodwin and Mr Nicholson are members of the CICS Committee.

The UN may gain from Northern winter

Newcastle's Professor of Accounting, Professor Frank Clarke, is to have a busy New Year.

Professor Clarke, who is Head of the Department of Commerce and Director of the School of Economic and Information Sciences, has been invited to be the Wards Visiting Research professor at the Glasgow Business School in the University of Glasgow from January until March, 1990.

The Wards Professor is drawn each year from overseas faculty with an international reputation in an accounting specialism to work with Masters and Honours candidates in Glasgow. Professor Clarke will conduct a series of seminars on the price and price-level variation problem in accounting.

Professor Clarke's visit to Britain and Europe is opportune. It will coincide with the publication of an anthology and analy-



● Professor Frank Clarke

sis of translated works of the 1920s Betriebswirtschaftslehre scholar Eugene Schmalenbach, which is a product of Professor Clarke's collaboration with the University of Sydney Senior Lecturer, Graeme Dean, and Professor Finley Graves, from the University of Mississippi.

Schmalenbach, Professor Clarke explains, was prominent in the 1920s development of ideas on how accounting systems might

incorporate the financial effects of price and price-level changes. 'Most importantly', he says, 'the recent research with Dean and Graves indicates that the economic consequences motive is being presented erroneously in the current literature to a newly-emerging force driving accounting policy choice.'

The research on Schmalenbach shows that the economic consequences motive existed and, in fact, was a primary factor in the development of the post World War I European agendas for accounting reform, which were the antecedents of modern inflation accounting proposals.

Professor Clarke is to take the opportunity to enquire into progress in Britain with coursework Masters programs with accounting majors and the current developments regarding MBA programs.

Faced with the difficulty of recruiting accounting academic staff, he holds out some hope that a harsh northern winter will be a setting conducive to attracting United Kingdom accounting academics to Newcastle at this end of the earth.

Clarification

In an article in the last issue of the *Bulletin*, the seven APRA Industry Awards gained by this University were announced. APRA Industry Awards are a new category of award offered by the Department of Employment, Education and Training through the Australian Research Council. Other categories are part-time APRA Awards and normal APRA Awards, offered with an enhanced stipend in areas of national research priority.

ABT File in Library

A file from the Australian Broadcasting Tribunal, with papers referring to the licence renewal of 2NUR-FM, is available in the Short Loans Collection of the Auchmuty Library. Comments may be made to the Tribunal in Sydney.

ADMIN NOTES

Admin Notes has been in temporary recess mainly because of amalgamation pre-occupations. Whether it continues in the New Year or in its present form depends in large part on the advice of the soon-to-be-appointed Director of Information and Public Relations (a position which, under the final organisational structure, will report directly to the Vice-Chancellor).

This column started out as an attempt to communicate and provide perhaps a greater degree of openness than had been the Administration's style in the past. Now, with a very much larger and more diverse University, it may be more appropriate to establish more formal means of communication.

I have asked Mr Don Foster, as Registrar (University Services) responsible for University services generally and staffing services in particular, to consider arrangements for the production of a newsheet of staff news. Such a newsheet would provide information on staff vacancies, industrial matters, changes in conditions of service, advice on where to go for advice on such matters as superannuation and other matters which affect the daily working lives of both academic and general members of staff. It may be supplemented by more regular staff circulars on particular matters as they arise.

I hope that we can establish an improved staff information service early in the New Year.

Talk of the New Year reminds me that it would be careless of me not to thank publicly all those who have worked so selflessly for the University over the last, very torrid, year. We will, hopefully, not see its like again. Especially those staff at the eye of the storm called amalgamation deserve the thanks and appreciation of the University. They have supported the University with great loyalty and it shows in the leave credits which have banked up while this long period of pressure has continued.

November 1 has, thankfully, brought some stability but opened up another period of intensive pressure especially for those involved in integration of administrative operations. The variety of arrangements being made under this heading is too

extensive for me to go into in this column but I hope that the newsheet/staff circulars mentioned earlier might help keep staff better informed.

I could not end this column without some mention of some of the achievements of 1989 from the administrative perspective:

- The introduction of the University's first balanced budget in a decade, a necessary take-off point for growth and development.
- Negotiation with DEET on an expansionary and diversified profile reflecting the upsurge of growth in the University.
- Establishment of two new on-campus residential centres, International House and Evatt House, which will take our residential places from 285 to 485 by the middle of next year.
- Creation of the new Central Administration with an organisational structure and position levels which more truly meet the needs of the newly amalgamated University.
- Government funding for the new Administration Building which will house the Executive and the core of the Administration with a tentative target date of end 1991/early 1992, and consequential freeing up of space much of which will be converted for academic purposes.
- Introduction of the concept of management review for general staff re-classifications under which the University accepts the need to review regularly its gradings to reflect changing circumstances.

On the last point, a further positive outcome is that some further decisions on re-classifications, without the need to go through the Re-classifications Committee, will be settled before Christmas.

On the other hand, as a result of recent difficulties between management and the PSA, the Re-classifications Committee will not be able to complete its investigations of applications before the end of the year. However, in accordance with the University's four per cent agreement undertaking, any approved applications will be backdated to January 1.

I understand that, as a result of strenuous efforts made by the staff in the Staff Office and Salaries areas, most general staff have received the National Wage

Case increases. Those who were not included in the latest pay can anticipate receiving the increases early in 1990.

On that note,
Happy Christmas.

*L.F. Hennessy,
Deputy Vice-Chancellor
(Administration).*

Grants for the Development of Areas of Research Excellence *Expressions of interest in research grants*

The Vice-Chancellor has announced a substantial injection of funding for research activities. The additional funding will come from the University's reserves and will become available early in 1990.

The intention is that there be a raising of the research profile of the University and that, to achieve this, selected meritorious research proposals should be supported to improve the possibility of attracting substantial external support from granting bodies, government or the corporate sector, or of establishing research ventures that could become self-supporting.

The Research Committee will consider expressions of interest in these grants which, though not of equal size, will be substantial ones in relation to the relative costs of the proposed research area. Grants might range from, say, \$5,000 upwards, but grants in the order of \$100,000 will not be excluded.

The first stage in the allocation of these additional funds will commence with brief Expressions of Interest closing on December 8. Those which are accepted through this preliminary screening will be asked to make a detailed submission by January 31, 1990. The selection process will then be finalised and a release of funds will be made soon thereafter. The Expressions of Interest phase will be repeated later in 1990 and on further occasions as funding permits. Closing dates will be announced later in 1990.

P.H. Farley, Deputy Secretary

Letters to the Editor

Dear Sir,

The Westpac Banking Corporation are to improve physical access to their Agency, for wheelchair-bound persons on campus.

Following advice to them on November 23, of the physical access difficulties experienced by people in wheelchairs, there has been prompt and unconditional action. This is most encouraging and adds to the evident development of a caring campus at the University of Newcastle.

There is still a great deal to do, but one has the feeling that there is a growing determination to make this campus a place where access to information and to facilities is second to none. On this occasion, 'Thank you Westpac'.

Don Parkes

Dear Sir,

Yes, indeed, the Newcastle team in the *University Challenge* TV contest equipped itself very well, as your headline indicated. I have no doubt that you were referring to Professor Snoopy, the team mascot, happily provided by my younger daughter, Sue.

It was exciting to see our team acquit itself well in *University Challenge* and I heartily congratulate them.

I am proud to add that my daughter acquitted herself very well in her studies this year, coming runner-up for the BHP prize in Year I Science. This may possibly be accounted for by the educational theory of Mr Bob Hicks (see Letters, last issue of the *Bulletin*), since Physics was not one of her subjects.

May I also congratulate Mr Martin Ebert, winner of the BHP prize, who gained top marks in my questions and earned a well-deserved HD in Physics. Perhaps he may have also laid to rest the above-mentioned educational theory.

Colin Keay,
Department of Physics

Dear Sir,

The informative item regarding the proposed new switchboard in the last newsletter will make staff and students pleased. Switchboard Staff are looking forward to

it with great interest.

A very important item wasn't mentioned that should be brought to everybody's attention. There are two switchboards, the second having been installed in 1976.

The second switchboard is staffed by Mrs Margaret Clare, who has been a staff member since April, 1983. I feel an apology should be written. We are a team — not one person.

Mrs Betty Line,
Switchboard

(Editor's Note: The last issue of the *Bulletin* reported that the University's new PABX telephone system be installed by mid-1990. Mrs Line, a switchboard operator, refers to the photograph published with the story, which showed her at work.)

Two appointed to Personal Chairs



● Professor Claus Diessel

For the first occasion in recent years, the University has made appointments to Personal Chairs.

The Interim Council on December 8 appointed Associate Professor Claus Diessel (Geology) and Associate Professor Barry Gordon (Economics) to Personal Chairs.

Appointment to a Personal Chair is a means of recognising the work of a member of the academic staff who commands international academic standing of great distinction, but for whom no vacant Chair exists on the University establishment.

Professor Diessel, who joined the former Newcastle

University College in 1961 as a Demonstrator, has made major contributions to coal geology and coal petrology over the last 25 years.



● Professor Barry Gordon

Professor Gordon, who came to the University College as a Teaching Fellow in 1956 and obtained his BEc, MEc and PhD degrees in Newcastle, has made substantial contributions to the history of economic thought.

Holiday opening hours in the Auchmuty Library

The Library will close at 4 pm on Friday, December 22, and re-open at 8.30 am on January 2, 1990.

The opening hours during the long vacation will be 8.30 am to 5 pm, Monday to Friday.

This timetable replaces the previous arrangement — 8.30 am to 7 pm, Tuesdays and Thursdays. From February 12, the hours will be extended to 8.30 am to 7 pm, Monday to Friday.

2NUR Coffee Mugs

hand made by local potter, with a unique glaze

Set of six for \$45
or \$8 each

Teaching dates for 1990

Semester 1

Commences on Monday, February 26 (faculties other than Medicine). Monday, February 26 (Schools of Administration and Technology; Education; Health; Visual and Performing Arts). Monday, February 26, Faculty of Music.

Recess — Friday, April 13.

Resumes — Monday, April

24.

Concludes — Friday, June 8 (faculties other than medicine), Friday, June 15 for the Schools of Administration and Technology; Education; Health; Visual and Performing Arts (Saturday, June 16 to Friday, June 22, activities week). Friday, June 22 for the Faculty of Music.

Examinations — Monday, June 11 to Friday, June 29.

Semester 2

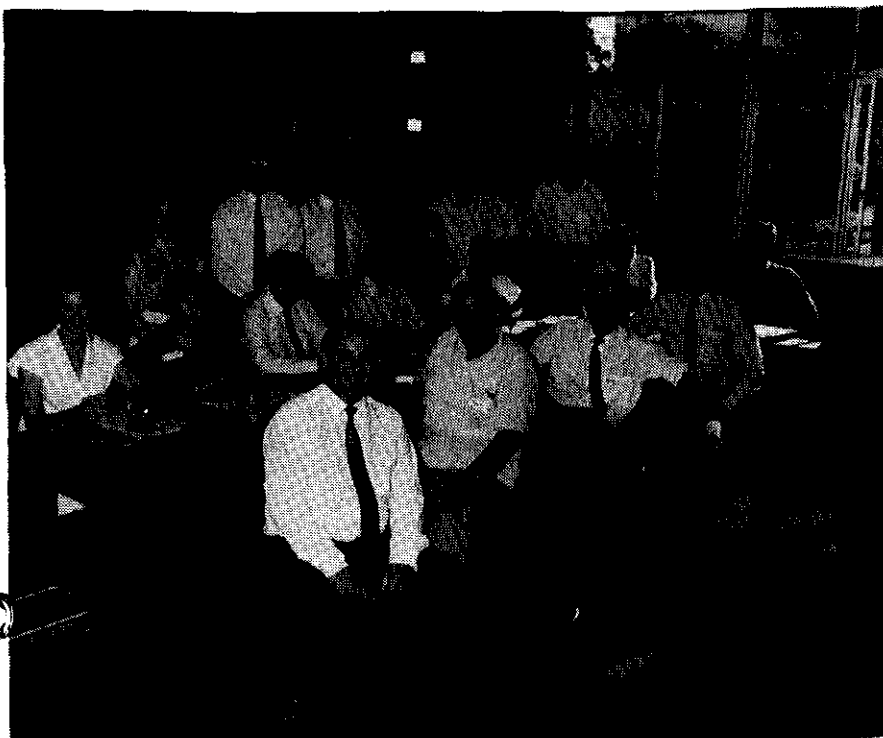
Commences on Monday, July 23 (faculties other than medicine). Monday, July 16 (Schools of Administration and Technology; Education; Health; Visual and Performing Arts). Monday, July 16 for the Faculty of Music.

Recess — Saturday, September 22 (faculties other than Medicine). Saturday, September 29 (Schools of Administration and Technology; Education; Health; Visual and Performing Arts). Saturday, September 22 for the Faculty of Music.

Resumes — Monday, October 8 (faculties other than medicine), Monday, October 8 (Schools of Administration and Technology; Education; Health; Visual and Performing Arts). Monday, October 1 for the Faculty of Music.

Concludes — Friday, November 2 (faculties other than medicine), November 2 (Schools of Administration and Technology; Education; Health; Visual and Performing Arts). Friday, November 30 for the Faculty of Music.

Examinations — Monday, November 5 to Friday, November 23 (faculties other than Medicine). Saturday, November 3 to Saturday, November 17 — Summer School. November 19 to December 14 and January 8 to February 2 (Schools of Administration and Technology; Education; Health; Visual and Performing Arts). Monday, November 5 to Friday, November 30 for the Faculty of Music.



Amalgamation of two Convocations

The Convocations of the old University and the former Hunter Institute of Higher Education agreed to hold joint meetings.

At the first on November 30, it was resolved, among other things, to establish an interim Standing Committee of Convocation consisting of the Warden, who was Warden immediately before amalgamation, a Deputy Warden, who was Deputy Warden immediately before amalgamation, a Deputy Warden who was President of the HIHE Convocation immediately before amalgamation, 12 members elected by members of the former University Convocation, 12 members elected by members of the former HIHE Convocation, the members of the Interim Council elected by members of Convocation the previous Councils and two representatives of the Conservatorium, nominated by the Principal of the Conservatorium, and that the interim Committee continue until the new Convocation of the amalgamated University is formed.

Our photograph shows members of the former Standing Committees holding their joint meeting.

WEA's new Chief Executive named

A Senior Executive Officer of the Department of Employment, Education and Training (DEET) has been appointed Regional Secretary and Chief Executive Officer of the Hunter and Central Coast Branch of the Workers' Educational Association (WEA).

A Bachelor of Arts and double Diplomate in Education, Ms Jacqueline Matters has spent the last six years in Canberra working for the Commonwealth in the areas of industrial relations and industrial training.

Ms Matters is presently with the Industry Training Operations Branch of DEET. She is Director and Commonwealth rep-

resentative on a number of voluntary industry training advisory councils and, as a Commonwealth Officer, makes recommendations to senior management on education and training funding.

Since joining the Commonwealth Public Service, she has worked with the Community Youth Support Scheme (now Skillshare), the Education Branch of the Department of Immigration and Ethnic Affairs, the Department of Employment and Industrial Relations and DEET.

Ms Matters, 36, is a member of the Society of Australian Genealogists and Newcastle Family History Society.

She is expected to take up her new duties with the WEA early in January.

¹⁰Early voluntary retirement

Staff will recall that under the Heads of Agreement: Industrial Relations, the consolidated University agreed that it might make provision for schemes for early voluntary redundancy and for early retirement. Such schemes were to be developed only in full consultation with staff associations and unions.

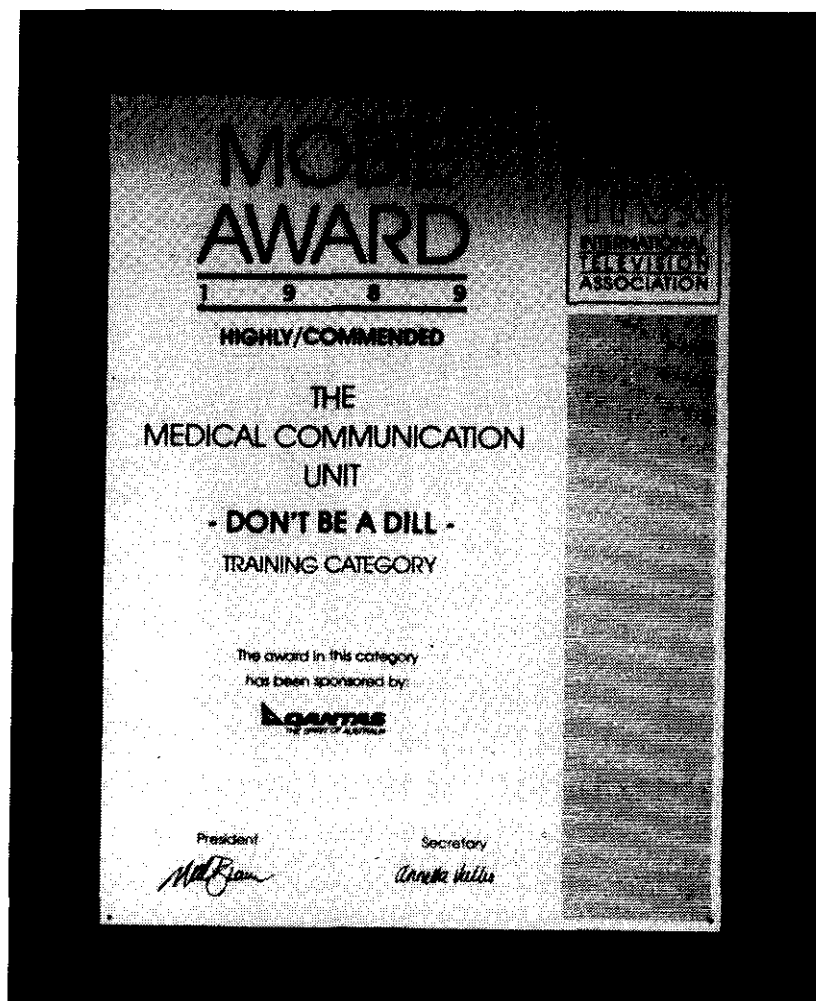
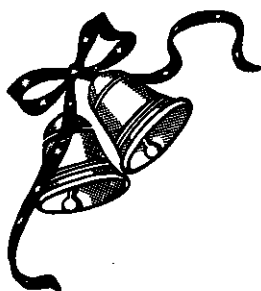
Staff were advised that consultation will be initiated in the near future with staff associations and unions with a view to introducing an early voluntary retirement scheme similar to that offered by the University during 1988. That scheme provided for early voluntary retirement to be available to staff who had reached the age of 50 but not passed their 59th birthday, and for lump sum benefits related to years of service. Under the scheme, the University retained the right to refuse application for early retirement from key personnel who could not readily be replaced and whose loss would impair the efficiency of the University's operations.

Staff are advised that it would be the University's objective to introduce such a scheme early in the New Year.

Staff associations and unions will be asked for their views and/or proposals on early voluntary redundancy.

Full details of the proposed early voluntary retirement scheme will be made available as soon as the consultations with staff associations and unions are completed and Tax Office approval is obtained. Staff wishing to obtain general information about early voluntary retirement are advised to be in touch with Mr D. McPherson in the Staff Office at Extension 550 (western campus).

*L.F. Hennessy,
Deputy Vice-Chancellor
(Administration).*



Award for Videotape

The Medical Communication Unit (MCU) has received a highly commended award in the International Television Association awards announced recently in Sydney.

The Awards, known as Mobie Awards, are the corporate and training professions' equivalent of the entertainment television Logie Awards.

The MCU entered three programs and *Don't be a Dill*, a videotape on safety in hospitals, received the bronze award in the training category.

Mr Adrian Daniel, Director of the Medical Communication Unit, explains: 'We were particularly pleased with this award as the Unit was competing against high budget corporate productions from the Westpac Bank and Commonwealth Bank Media Units, the AMP Video Centre, Broadcom (owners of the Channel 10 Network) as well as the University of Melbourne and the Royal North Shore Hospital.'

The idea for the videotape was prompted by Mr Norm Pritchard, Safety Officer at the Royal Newcastle Hospital. The Medical Communications Unit saw the potential market for the video and contracted Mr Greg Dunford to prepare a script and to appear in the video. Mr Greg Boddy one of the Unit's Producers was responsible for the production.

The MCU has now received three awards for educational video programs.

Mr Daniel commented that these awards are recognition for the professional expertise of production staff in the Unit and also reflect the Unit's emphasis on education and training programs which are entertaining as well as effectively communicating their message.

The photograph shows the award presented to the Unit.

Koala research at the University



● *Max, one of the koalas whose feeding habits was studied.*

Koala feeding ecology was studied during 1989 in the Tomago Sandbeds area and the Hunter Region Botanic Gardens site.

The study was carried out as an Honours project by Mr David Wilks.

The co-operation with R.Z. Mines (Newcastle) Pty. Ltd., the Hunter Water Board and the Hunter Region Botanic Gardens was the first of its kind in the Newcastle area.

The knowledge gained from the study will provide an important tool to assess and improve the management of Koala habitat.

The study investigated the influence of leaf nutritional value upon the feeding habits of Koalas in the area. The study also looked at the use by Koalas of areas that had been revegetated after disturbance of the original vegetation.

The nutritional section of the study found that Koalas appeared to select leaves and flowers of gum trees that had higher levels of potassium, which included trees such as swamp mahogany.

It was found that even though Koalas preferred undisturbed areas, they did use revegetated areas that were more densely planted with food trees.

Overall, the study has shown that undisturbed areas of bush are important for Koala survival. The study also shows ways of reducing the impact of disturbance to Koala habitat.

Mr Wilks was supervised for his koala research by Dr Brian Conroy and Ms Pam Lake.



● *Mr David Wilks*

Literary awards offered by Victorian body

The Victorian Fellowship of Australian Writers has sent details and entry forms in relation to a number of awards for Australian authors.

The Fellowship says the total cash value plus plaques and medallions, when combined with the number of awards made, is unique, and is conducted by writers for writers in association with a range of sponsors, or by our own grants.

All book awards are for books published during 1989. The closing date is December 31.

Results will be announced at our Annual National Literary Awards Dinner to be held at Dallas Brooks Hall in Melbourne on February 22, 1989.

The awards include: the 13th Anne Elder Poetry Fund Award, The Fourteenth Faw C.J. Dennis Literary Award for Natural History, the 12th Australian Natives' Association Literature Award, the Sixth Herb Thomas Literary Award for published work of biography, autobiography or memoir, the Faw Local History Award, the Griffin Press Literary Award — 15th Year, administered by Victorian Fellowship of Australian writers, and the Faw Barbara Ramsden Award for the best book of the year 1989.

For copies of the entry forms please get in touch with the Information and Public Relations Unit, Extension 328.

Conservatorium of Music Concerts Concessions to staff and students

Faculty and Conservatorium of Music are offering concession rates for concert attendances during 1990.

Now that the Conservatorium is part of the new University as the Faculty of Music, it would like to offer to University staff and students a concession rate to attend

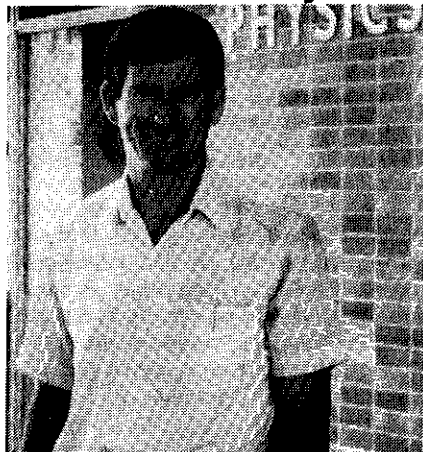
Faculty/Conservatorium concerts.

The 1990 concert calendar will be made available later this year to enable staff and students to their social calendar.

All staff and students of the University are entitled to 50 per cent off all normal concert fees for all Conservatorium concerts (this will exclude private hiring, e.g. Musica Viva and Australian Chamber Orchestra concerts).

Michael Dudman,
Dean/Director.

12 Fear of IRA in West Germany



● Dr John O'Connor

Dr John O'Connor, Senior Lecturer in Physics, recently spent six months in The Netherlands and West Germany working on an outside studies program. Dr O'Connor writes:

'My study leave consisted of taking up two research opportunities, with an invitation from the AMOLF division of the FOM Institute in Amsterdam and the award of an Alexander von Humboldt Fellowship to work at the University of Osnabruck, in West Germany. The time spent at the FOM was sufficient to complete the research program if no problems were encountered, while the time spent at the University of Osnabruck allowed the groundwork to be laid for a larger joint research project.

The FOM is a government-funded research organisation, where the principal goal is research excellence, and the division I worked with concentrated on atomic and molecular physics. The Institute has an excellent international reputation and attracts the best of both researchers and students and this was borne out by the high quality of the Dutch students at the Institute. Physics has a higher profile in the Netherlands than in Australia, with many large industrial research laboratories all willing to accept the PhD graduates from both the FOM and Dutch universities.

The Institute has a reputation for developing new techniques and equipment in the quest for the best systems to study various physical processes. There are several groups in the AMOLF division and, although I worked principally with the group which had extensive experience in

Medium Energy Ion Scattering, the overlap of research interests with the whole Institute meant an active involvement in the research discussions and programs of other groups.

The project I undertook was to solve a long-term controversy concerning the adsorption site of oxygen on a clean Al (111) crystal surface. We made significant progress and would have completed had we not enjoyed one of the best summers in over 20 years.

That's not to say that we took the opportunity to enjoy the weather, but the unusually high temperatures affected the experimental apparatus and caused breakdowns at crucial stages in the experiment (Murphy's law). While the buildings had central heating for winter, they had no air-conditioning for summer, so in this exceptional European summer some of the electronics got hotter than ever before and "complained" in the only manner they could — by shutting down.

Nevertheless, considerable progress was made despite these problems and after new equipment is installed a further two-week visit in 1990 is planned to complete the measurements.

In a parallel research project, the melting of single crystal surfaces was investigated and to make the measurements the sample had to be held at temperatures of within 0.1°C of the melting point during the measurements. In the most sensitive measurements, the sample has been taken to within 0.02°C of its melting point.

Holland is a country which caters superbly for cyclists, with its network of cycle paths. When you consider that ownership of bikes runs at 1.8 bicycles per person it is not hard to see the need for a sophisticated network. Many people have one bike to take them from home to their nearest railway station and a second bike to go from their destination station to work. The only disquieting aspect of our cycling experience in Amsterdam was a total lack of regard on the part of the Dutch for the need for safety helmets.

The link with the University of Osnabruck has been a long one and a representative of that group has visited this University on two occasions to work with us on explaining, and modelling, a new physical effect first observed in research at Newcastle. We are

endeavouring to strengthen the link we have and work more closely on a number of projects over the next few years to benefit from our complementary backgrounds, experience and equipment.

The links we have developed with these institutions are becoming a useful network. In addition, we have close ties with the University of Sussex, and, on similar projects, there are links between the University of Osnabruck and both the FOM and the University of Sussex. This four-way collaboration will be exploited in the future to accelerate development of joint interests.

West Germany presents more of a challenge to a visitor than the Netherlands, as few people speak English in the north where Osnabruck is situated. Prior to our arrival, we felt that our language lessons might be unnecessary, as there is a large British Army of the Rhine stationed in Osnabruck and an association with the local community may have increased the familiarity with the English language. However, it is probably the reverse, as the English people stationed there are sufficiently numerous to form their own community and interact little with the Germans. This causes some resentment and a mildly hostile reception until the locals discover that you are not English.

There is a further disincentive to speaking English, or appearing to be English, because of the IRA terrorist activities in that part of Europe and a number of attacks occurred this year in Osnabruck and within a 50km radius.

'My son, Michael, enjoyed returning home, as he found it difficult to adapt to apartment living after growing up with the luxury of his own back yard. In both Amsterdam and Osnabruck, we lived in third floor apartments and the nearest park was one to two blocks away. When we returned home, his eyes lit up when he saw his backyard and asked, "Can I play in this park Dad?"

'I would like to take this opportunity to recommend the Humboldt Fellowship to anyone eligible and interested in working in Germany. It is a most generous fellowship and they will continue to financially assist successful applicants to maintain their links with the German community both socially and professionally'.

Sample surveys of copyright records

For the second time, the University, in common with other universities, has entered into a formal agreement with Copyright Agency Limited. Under the agreement, the need to record copying under section 53B of the Copyright Act, 1968, as amended, is avoided.

It will be recalled that a similar arrangement was in force during 1988, but was suspended early in 1989 pending the outcome of negotiations with the company on the amount to be paid by universities for record-free copying.

Agreement has now been reached on the question of cost and, as a result, once again it will no longer be necessary for members of the University to complete and maintain records of their multiple copying under the statutory licence scheme. Current procedures in this regard are accordingly discontinued with immediate effect. However, pending advice from AVCC/ACDP, the standard form of notation should continue to be endorsed on the front page of all copies made under the scheme.

Provision exists in the agreement for AGB/McNair to undertake in each year sample surveys of the level of multiple copying within institutions selected at random, from which a number of departments are to be called upon to maintain agreed records for a 12-week period. The University has been selected to participate in a survey during the period mid-December, 1989, to mid-March, 1990.

The subject areas which the University has been informed will be surveyed are stated as 'science, mathematics/computing and social studies', and will comprise these areas in the pre-amalgamation University and not the former Institute.

Bridging students in residence over vacation

The Department of Community Programs will avail itself of the University's facilities over the long vacation to offer an expanded program of bridging courses.

The program of 18 courses has been developed in response to student needs identified over a

number of years, according to the Director of Department of the Community Programs, Mr John Collins.

The courses are designed primarily for those people intending to enter first year undergraduate courses at the University of Newcastle, but enrolment is not restricted to such people. Enrolment is open to all and classes will be filled on a strict 'first in' basis,' he says.

The following courses are included in the 1990 program:

- Introduction to Modern Spoken Chinese (Mandarin),
- English Grammar for Students of Foreign Languages,
- Computer Awareness and Introduction to MS DOS,
- Biology: An Introduction,
- Mathematics (Part-time and intensive course options available),
- Word Processing for Essays and Assignments,
- Introduction to Lotus 1-2-3,
- Statistics for Commerce and the Social Sciences,
- Basic Chemistry for Life and Health Sciences,
- Survival Skills for Mature Age students,
- Introduction to Word Processing on Macintosh,
- Library,
- Living in Newcastle: For Students from Out-of-Town,
- Critical Reasoning,
- Physics, and
- Conversational Japanese

Various rooms in buildings on the campus will be used, beginning on January 2 and ending on February 25.

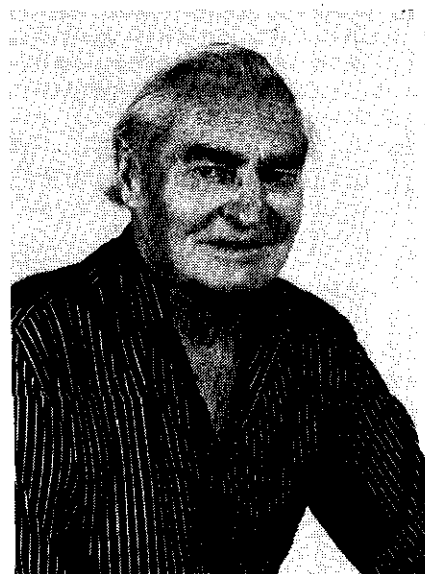
RESEARCH REPORTS

The Integration of Science, Art and Religion

Dr John Alexander's PhD thesis is a broad survey of the integration of Science, Art and Religion that he sees characterising the 20th Century.

Born in 1911, John's life covers nearly 80 years and fits neatly into the century with a ten-year gap at each end.

The century has been dramatically divided into two halves, he says, the first characterised by two destructive wars, joined (rather than separated) by a deep depression. This global conflict culminated in an horrific demon-



● Dr John Alexander

stration of man's immense power and will for destruction — the dropping of atomic bombs on large populated cities.

Deeply disturbed by this exposure of his demonic behaviour, man, Dr Alexander says, has turned in the second-half of the century towards the difficult task of integration.

'In many ways the last 40 years have been a painful search for unity — for political unity through the UN, ideological unity by the slow easing of the tension between the super powers, and religious unity by the emergency of new ecumenism in which not merely Christian denominations, but world religions, are coming together in the New Age.

'Radical reconciliation between science and religion has taken place: the modification of Newtonian physics by quantum physics has suggested that reality is an unbroken field rather than a mechanical construct. Physicists such as David Bohm and Fritjof Capra stress the wholeness rather than the fragmentation of reality'.

Dr Alexander identifies five great 'scientific' theories that were dominant in his study days, each of which, during his life time, has undergone radical modification and all in the direction of co-operation rather than conflict being a central characteristic of reality:

- *Marxism* has been tried, he says, and the limitations of placing class struggle at the centre of social progress demonstrated. At this present moment, on a daily basis, radical modifications are being

made in communist countries demanding a much greater degree of co-operation than the system has previously encouraged.

- **Darwinism**, formulated a decade later, also gave conflict ('the struggle for existence') a central place in evolution, Dr Alexander says. These two great systems emerged from a Europe that was itself engaged in fierce international rivalry which produced the two world wars. Darwinism is being more and more moderated by the emergence of ecology, a view of nature which sees the highly productive effects of co-operation in the natural order.
- **Freudianism** alerted us to the depth and potency of the unconscious, but it tended to see that unconscious as 'tiger country', he says. Its pervasive influence in the first-half of the century needed to be, and has been, corrected by the emergence of the Human Potential Movement and more recently Transpersonal Psychology. Often owing much to Carl Jung, the new depth psychology is integrating the whole human psyche with the external world.
- **Atomism**, with its frequent reference to 'the uncuttable ultimate building blocks of the universe' has given way, Dr Alexander says, as already mentioned, to a new view of unbroken wholeness.
- **Eschatology**, the idea that the universe was a closed system and its ultimate destiny would be determined by entropy as a uniform randomness, he says, has given way to the recognition of the dominance of life, which 'reverses the direction of the arrow of entropy'. It has produced such visions of the future of the planet as that described by Sir MacFarlane Burnett shortly before his death — that this globe was in its mid-life stage and if the evolutionary process that has already taken place on it, is extrapolated into the next four billion years, then the earth will eventually be inhabited by beings like gods and goddesses. The ultimate eschaton could be even more unexpectedly positive.

Dr Alexander suggests that the ability to see the unity of life and reality requires a capacity for vision: the great integrators of our understanding of reality have been

men and women with a sense of form and meaning, i.e. those with artistic capacity.

This vision has occasionally been expressed in great works of art, of which a supreme example is Dante's *Divine Comedy*, in which he drew together (not totally successfully) classical and Christian insights and a profound study of the science of his day.

In more recent times, men like A.N. Whitehead, Teilhard de Chardin and Krishnamurti, he says, have given a coherent view of the human process in its cosmic setting and people like Jean Houston and Ken Wilber are doing the same for our understanding of the human psyche.

Many individual lives, particularly men's, display this 20th century pattern — the first half competitive, conflict filled, bewildered; then comes a mid-life crisis and in the second half they turn to a search for integration.

Dr Alexander suggests that this search for unity, for the Dynamic Wholeness, is forwarded by the Wholeness Dynamic itself which works (and plays) ceaselessly to bring everything forward into its own oneness. This Wholeness, the SELF ('I am') operates in each individual self ('This is me') and in the human Self ('We are'), to integrate them into ITSELF.

Ms Lyn Manwarring completed her MMedSci work when she was a Technician in the Division of Pathology. The topic of her thesis is Prevalence, severity and histomorphometric evaluation of coronary artery disease in Newcastle. Ms Manwarring now lives in Perth.

The aim of the project was to measure the extent and severity of narrowing of coronary arteries due to atherosclerosis. It was a post-mortem study comparing arteries obtained from three groups of people: those who died from coronary heart disease, those who died in accidents, and those who died from natural causes other than coronary heart disease.

Atherosclerosis is the process in which plaques accumulate on the inner walls of the arteries; the artery becomes narrowed and the flow of blood is reduced. If the narrowing is greater than 75 per cent the capacity of the artery to deliver blood to the heart muscle is severely impaired. Also the risk of complete occlusion of the artery is higher if the artery is already narrowed by atherosclerosis.

First Lyn compared various microscopic methods for measuring narrowing using slides of cross sections of arteries. A paper she wrote on this work has already been published in the *Journal of Pathology*. Then, she used the most appropriate method to look at the magnitude of the problem in a sample of post-mortem cases in Newcastle.

Of course, the people who died of coronary heart disease had more narrowing than those who died of other causes; men had more narrowing than women and narrowing increased with age. Alarming, severe narrowing (more than 75 per cent) was found in about one-third of the people who did not die of coronary disease. This suggests that the problem of serious atherosclerosis is widespread in the community even among apparently healthy people.

The extent of coronary artery narrowing was higher in this Newcastle study than has been found in studies in other countries. This finding is consistent with the high rates of heart disease in this region.

The long-term solution to the problem of heart disease here lies in changes in diet to reduce cholesterol and hence to prevent atherosclerosis.

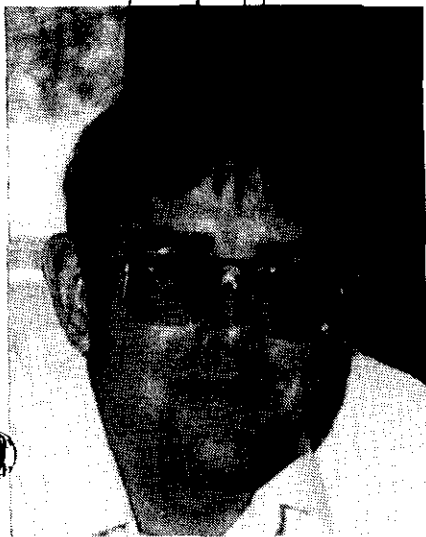
Ms Manwarring was a post-graduate student with Professor Annette Dobson, Professor of Biostatistics.

★ Gift suggestions for Christmas ★ from the Union Gift Shop



Bright acrylic sets of glasses with matching salad bowls etc. (great for barbecues and parties).
Cooee T-shirts (latest designs) for him and her, \$22 to \$25.
Wide range of French perfumes including Lethal, Yves, LaLa, Coca, Cafe, \$17.95 to \$21.95.
Great selection of 'Weye' jigsaw puzzles (the best from Germany). Sarongs \$18 each.
Sets of 18 glasses for the special price of \$12.50. Large selection of canware, picnic baskets, trays, and clothes baskets.
Boxes of imported chocolates and liqueurs, Pigskin leather suitcases, 'Dancing Dolls' (they dance to music), \$37.50 plus a big range of Christmas cards and wraps.

Greenhouse workshop report released



● Dr Howard Bridgman

The proceedings of the public workshop on *Living In a Global Greenhouse: Seeking Solutions* held at the University last June, is available from the Department of Geography and sells for \$10 a copy.

The June workshop was a follow-up to the forum on potential Greenhouse problems presented by the Board of Environmental Studies and the Hunter Environmental Institute last February.

Five workshops were run in June, with an average attendance of 15 per workshop. Led by experts, the purpose was to discuss possible Greenhouse-effect problems and to seek solutions.

Many suggested solutions are listed in the proceedings, in the hope that action will occur in an attempt to limit Greenhouse influences. The Workshop Chief Organiser and Proceedings Editor, Dr Howard Bridgman, said that through public awareness and action Australia had the potential to show the world what could be done. At the present time, however, the action had been mostly verbal, although some financial support for Greenhouse studies had been announced by Prime Minister Hawke.

Cheques for the purchase of the *Proceedings* should be made out to the University of Newcastle. More details are available from the Department of Geography, Extension 654.

ARC seeks applications for grants

The Australian Research Council (ARC) operates a wide range of research funding schemes. The most important programs are these:

- ARC Research Grants Scheme: for grants to support research in all areas except medicine and dentistry;
- The Australian Postgraduate Awards Scheme: scholarships to support postgraduate study and research in higher education institutions;
- ARC Fellowships Scheme: fellowships to support postdoctoral researchers;
- Queen Elizabeth II Fellowships Scheme: fellowships to support the best young researchers in the nation;
- Special Research Centres program: funding to support initiatives whereby specific kinds of expertise within higher education institutions are transferred to the wider community through teaching programs and research.

The Council allocates virtually all its funds competitively, and makes great use of peer review mechanisms.

The Council is funded by the Federal Government on a three-yearly basis, and its expenditure in 1990, 1991 and 1992 will be \$156 million, \$198 million and \$208 million (1989 dollars) respectively.

The closing date for applications for ARC research grants will be March 1, 1990, in Canberra.

However, the University's Administration will be setting an earlier closing date to allow time for the processing of applications.

The ARC recommends that the following areas be priority areas for 1991 research grants:

- Materials Science and Minerals Processing,
- Cognitive Science,
- Biological Sciences in the Management of the Australian Terrestrial and Marine Environment,
- Scientific Instruments and Instrumentation, and
- Australia's Asian Context.

In calling for applications in the priority areas, the Council is seeking especially proposals which are large in scope, ambitious,

visionary and imaginative, and involve a number of researchers. Such proposals are welcome across the whole spectrum of discipline areas, of course, but in the priority areas particularly large scale research projects are encouraged.

2NUR award for housing program

2NUR has been awarded a Certificate of Merit in the Australian Hi-Fi FM Radio Awards for its program on *Youth Housing*.

Produced earlier this year by three graduates of the Hunter Institute's Communication course, the program was part of a national series called *Youth Feedback*, focussing on different problems faced by young people in Australia.

Thirteen public radio stations in six states were involved in the production of the series.

Youth Housing was produced by Simon Cobcroft, Tahn O'Brien and Ian Shortland. The program featured politicians, estate agents, and young people discussing aspects of housing for the young, including the pitfalls of leasing, leaving home for the first time, and the problem of homelessness.

Original music in the program was composed and performed by Robert Taylor, of Newcastle band, *Madding Crowd*, and comedy segments were written and performed with the assistance of ABC-TV's Andrew Denton and Simon Dodd.

'We are particularly pleased with this award', said 2NUR's Program Manager, Mr Steve Ford.

'Our producers did a thoroughly professional job, which reflected great credit on themselves, the station, and the training they received at the Hunter Institute', he said.

'We should also acknowledge the Public Broadcasting Association of Australia, who organised the series, and the Department of Employment, Education and Training, which funded it. Ours was one of three *Youth Feedback* programs to win an award, so that reflects well on both the PBAA and the Department', Mr Ford said.

Advertisements

For Sale

1985 Sigma GK 2.0 GL automatic station wagon (white with fawn interior). Features include: air-conditioning, stereo cassette; 72,000 kms, original owner, log books with full service history, excellent condition, tow-bar and roof racks. Asking price: \$10,850 or near offer. Please telephone 48 7037.

Fleeces — Merino cross wool, \$8 each. Please telephone Ms R. Gentle at Extension 299.

DBase III plus multi-user expansion pack for local area networks (brand new) and supports five users. Please telephone the Department of Community Programmes at Extension 600.

Apollo St. Moritz Mountain bike, 15-speed (never used), \$380 or near offer. Bell Vipro helmet, size L (never used), \$50. Please telephone 29 5286 after hours.

Solid Berriman single bed and study desk plus bookcase in good condition (mattress supplied with bed), best offer. Please telephone Extension 332.

Minimatic washing machine, \$200; dining table (extendable) with four chairs, \$150; double bed base, mattress and headboard, \$50; linen press, \$20; brown divan, \$15; desk, \$30 and two easy chairs, \$10 each. Please telephone Nicolette at Extension 370.

Santana 22 (6.7 metres) fixed keel yacht. This yacht is excellent for racing or cruising. It is very stable and has 12 sails (mains, jibs, spinnakers) plus 6 hp Johnson outboard motor, four bunks, stereo, toilet and all safety gear (recently anti-fouled). Asking price: \$8,400. Please contact Phil Moore at Extension 532 or 63 3512.

Sony DXC 1800 camera, VO 4800 Umatic Portapak plus 10 metre camera cable, box of 20 Umatic cassettes, battery charger, batteries, and is in excellent condition (approximately 120 hours of use since new). Asking price: \$2,900 or near offer. Please telephone Neville Goodwin at (02) 67 44753.

For Sale by Tender

One timber mail/assignment cabinet, 1240h x 600w x 280d, four shelves, plus two doors.

One acoustic solid cone door, Tasmanian Oak, 2040mm x 820mm.

For further information please telephone Mr P. Myers at Extension 372. Tenders close on December 22 in the Purchasing Section, McMullin Building.

Free to Good Home

Puppies — German Shepherd cross. Ready just after Christmas. Will have temporary vaccinations and worming. Please telephone Ms R. Gentle at Extension 299.

For Rent

Large three-bedroom, fully-furnished home with separate lounge and dining rooms, two bathrooms, large rumpus room and double garage in the Adamstown Heights area for 12 months from early January, 1990 (definitely no pets). Rental: \$250 per week. Please telephone Extension 387 or 43 6315.

Moving Overseas — Garage Sale

Tucker box freezer, \$270; Vulcan Quasar heater (2,400 electronic), \$170; Univega supra sport men's push bike, \$200 or near offer; desk with drawers and bookshelves, \$99; Yamaha 250cc bike (7,500 km), \$2,000 or near offer; picnic table and four benches, \$99 plus much more. Please telephone 51 5586.

Institution sets up new scholarship

The Institution of Surveyors, New South Wales, Inc., has decided to establish a continuing scholarship in the Department of Engineering and Surveying. The Institution's scholarship is worth \$500 a year and will be awarded to the student who enrolls in surveying and who achieves the best aggregate in the Higher School Certificate. The scholarship will be awarded for the first time early in 1990 and if the recipient achieves satisfactory results it will be continued in 1991 and 1992.

Bursaries open to women

The trustees of the Australian Federation of University Women-South Australia Inc. (AFUW-SA Inc.) Trust Fund are offering the following bursaries for tenure in 1990:

The *Jean Gilmore Bursary* and the *Thenie Baddams Bursary*, each valued at \$4,500, are open to women to assist with study or research for a higher degree or postgraduate diploma at a recognised institution of higher education.

The Bursaries are envisaged primarily as short-term aids and must be taken up during the period for which they are offered. There is no restriction regarding field of research or age of applicant.

Application forms for these bursaries must be obtained by writing to the address given below. Completed applications must reach the following address by the last day of February, 1990: Fellowships Trustee, The AFUW-SA Inc. Trust Fund, GPO Box 632, Adelaide, SA 5001.

So long

The Information and Public Relations Office, which puts out the *Bulletin*, will be closed down over the Christmas/New Year holiday period.

As the campus newsletter (previously called *Universt News*) commences the 20th year of publication and the University prepares to celebrate the silver jubilee, may we repeat the offer to print all campus news ('that's fit to print'), whether it be a lecture, or a report of a meeting, or a classified advertisement, or whatever.

The *Bulletin*, along with the other organ of communication, *UNINEWS*, resume in February, 1990.

We wish everybody a merry Christmas and a relaxing holiday to prepare for the 25th anniversary and the start of the new decade.

Dig you later.

John and Linda

