DISTINCTION for UNIVERSITY STAFF

Professors Beverley Raphael and Clem Tisdell were two of the 10 new fellows elected to Fellowship of the Academy of the Social Sciences in Australia. This is a considerable distinction for themselves and for the University. The Academy does not indicate precisely the criteria upon which election is based but reflects on the valuable research contribution of each in their fields.

Professor Raphael has been a major contributor in the mainstream of academic psychiatry in Australia. Her main field of interest is in preventive psychiatry and within that broad area she has been a leading figure in the development of research on disaster and the problems of the acutely bereaved. Professor Raphael was a principal consultant to governments following the Darwin cyclone and the Granville train disaster. She has recently had published single-author books in each of these areas, both of which have received international recognition as firsts in their field. Professor Raphael is also a leader in the study of problems of adolescence and their relationship to stress in later life. Professor Raphael was Associate Professor of Psychiatry at Concord Hospital, University of Sydney, before taking up her current position in 1978.

Professor Tisdell has been a prolific writer on a broad range of economic subjects for a number of years. He has written a dozen textbooks for readers from secondary school to specialist level, many of which are used internationally. His main work has been in the field of microeconomics but in recent years he has become a leader in the relatively new field of natural resource and environmental economics. His work on economic issues relating to feral and native animals has attracted wide interest. Professor Tisdell is a Newcastle graduate and was a member of the first intake to the Commerce degree course at Newcastle University College. He has been Professor of Economics since 1972. His family were pioneers in the Taree district.

There are approximately 200 Fellows of the Academy of the Social Sciences. The University of Newcastle with three Fellows (Professor John Keats, Department of Psychology, is the only other) is exceptionally strongly represented for a University of its size.

Footnote: The Academy of the Social Sciences in Australia was until 1971 the Social Sciences Research Council of Australia. It is a corporate body of social scientists which acts to promote research and teaching in the field. It helps to set research goals nationally and directly sponsors a number of research projects of its own. Notable among these are projects on Aborigines in Australian society and immigrants in Australia.

Inside: RESEARCH GRANTS FOR 1987
A FUNNY THING HAPPENED ON THE WAY TO THE MAUSOLEUM

Dear Editor,

The period I spent on the University Council was for the most part frustrating.

At the end of two years I felt there was perhaps one tangible achievement I could claim credit for - a water cooler in the McGinn Building (and here I was only carrying to completion a student initiative).

I claim some credit for the fact that Council Committees are now supposed to be elected rather than nominated by the Vice-Chancellor but on a number of issues, mostly relating to more open government and more democratic procedures, I met with a demonstrable lack of success.

However my most spectacular achievement was in unwittingly setting in motion the proposal to build a half-million dollar Council Room, something I vehemently opposed on Council.

In a previous letter to University News, I complained of the unpleasant working conditions many of us endure - both staff and students. In particular I complained of the uncomfortable and, indeed, unsafe metal chairs in the Maths Building which caused distress to a number of my students. I had raised this issue continually on the Building and Grounds Committee of Council, on Council itself, with the Planner and with the Vice-Chancellor. Eventually Council agreed to replace the chairs and the Vice-Chancellor allocated $10,000 for their purchase. In the course of the discussion, one member of Council noted that the Council Room chairs were also uncomfortable (which they are) and Council approved an investigation into their replacement. The Vice-Chancellor suggested that the Council Room was inappropriate and that a new Council Room be carried to completion a student initiative.

A small majority of Council members (mostly members from outside the University) supported the half-million dollar Council Room on the grounds of status and the storage space underneath. They won the day.

"The 'tin chairs' are still there.

Margaret Henry Dear Sir,

I believe that the police commissioner will very soon make it an offence for motorists to flash their lights to warn of a police speed trap.

And you could be liable for a hefty fine or "failure to pay, imprisonment".

I have talked to many motorists on this matter - and must agree with my next statement, that I have found nine out of 10 incidents of flashing have not been for speed traps, but to warn you that there is an accident up ahead, or a house being moved, flooding, breakdowns, industrial machinery accident up ahead, or a house being moved, industrial machinery being moved by road, or cattle has strayed onto the road. Speeding, breaking down, industrial machinery being moved by road and various other situations. I have found it a great help in avoiding an accident. We must be the most over-governed, regulated nation on earth. There doesn't seem to be an end to what we can and can't do. I consider myself a law abiding citizen but it doesn't mean all laws are good ones.

John Gubbins, Department of Chemical & Materials Engineering.

Dear Sir,

Several times recently I have heard the comment "It is about time this University had swimming facilities of its own". I agree; however, when I made enquiries I was told that due to the expense it would not be a viable proposition.

I am not sure that expense is the right criterion for judging viability. Does the Great Hall, for example, generate sufficient income to cover its costs? I don't know, but in any case I believe that it is a great asset to the University. In the same way first-class swimming facilities would be a great asset to the University whether they covered costs or not.

May the swimmers amongst us begin to make a noise on this matter.

Roger Nell, Department of Psychology.

The attention of the Board of Trustees of Edwards Hall has been drawn to statements attributed to Mr Christopher Craig and published in the October 27 issue of the University News. Of concern is the statement...

"...the appeal of three students against their dismissal from Edwards Hall last year. This issue has been resolved in that the students concerned have been invited to reapply in 1987 and Council has revised regulations governing Edwards Halls..."

The Board would not wish readers of University News to be given an inaccurate account of these matters and therefore wishes to advise that the three students in question were not 'dismissed' from Ed Hall. The facts are that accommodation allocated at the Hall on a contract basis for the academic year and the Wardens declined to offer accommodation in 1986 to three students who were residents in 1985. The contract basis for the allocation of accommodation is standard practice in university residential colleges.

In addition the University Council has not revised regulations which govern Edwards Hall. The Board itself sought amendments to the Hall's disc, "re regulations earlier this year in oct. To provide the Wardens, staff and students of the Hall with the means of dealing effectively with the very small minority of seriously disruptive students who from time-to-time are admitted, Council has approved the principle the amendments sought by the Board but the actual legislation has yet to be presented to Council.

Finally it should be made clear that the three students in question were declined accommodation only for 1986 and they are entitled to apply for accommodation in the Hall during 1987 as may any student of the University. It is expected that some 450 to 550 applications will be received for the 273 places in the Hall and the selection of those to be admitted in 1987 will be the responsibility of the Wardens.

Alec Forsythe, Chair, Board of Trustees, EDWARDS HALL.
Dear Sir,

There is currently a proposal to spend $1,200,000 on a new computer for the University. I would like to make some comments relating to and deriving from this proposed expenditure.

1. The underlying premise is that this purchase is to satisfy the needs of our coursework students. This is a myth, as the real purpose is to provide large computing facilities for a few academics who have influence around the Computing Centre.

2. It would be much more cost effective to provide the coursework students with microprocessors (100 microprocessors would cost $150,000 to $200,000 which is rather less than the above mentioned figure. If this were done then the capacity of VAXB would become available for the processing of larger jobs.

3. The proposed style of teaching (on mainframes) is a dying method within educational systems and as we are preparing students for the real world we should be aware of the responsibility of teaching them using appropriate hardware.

4. It seems blatantly unfair that while some faculties (notably Commerce) have provided microprocessors for student teaching and in so doing relieved pressure on central facilities, other faculties (notably Engineering) have done nothing and provides their undergraduate students with very poor computing facilities.

5. By attempting to provide better micro-based teaching facilities the more enlightened faculties (e.g. Commerce) have, presumably, foregone some other facilities in the allocations. It is refreshing that at least some of the faculties value the students teaching welfare above the staff luxuries.

In summary of then, it seems that a fairly reasonable approach to this problem would be to firstly spend $150,000 on microprocessors to provide for the basic needs of the students and then to evaluate the remaining needs of the University. Therefore, I suggest that we are wasting about one million dollars to build certain empires within the University and to satisfy a handful of academic researchers.

R. J. Dear,
Computing Centre.

Max Maddock Recognised
Environmental Achievement

THE UNIVERSITY OF NEWCASTLE
NEW SOUTH WALES
Board of Environmental Studies

ENVIRONMENTAL ACHIEVEMENT AWARD

For outstanding contribution to the quality and understanding of the environment in the Hunter Region this Award is presented:

[Signature]
Assoc. Professor Max Maddock

on this day Wednesday, 22 October, 1986

[Signature]
Vice-Chancellor.

[Signature]
Chairman, Board of Environmental Studies.

ARGC FORUM

to be held here

Thursday, November 27
3pm

Venue: Lecture Theatre, Room K202, Medical Sciences Building

Everyone welcome
For further information please contact Stephen Crossling, (062) 52 4929.
NEW DIRECTION FOR DIP. ED.

The University's teacher education Diploma in Education took a new direction this year with the introduction of environmental education as a theme for the course for all students. In addition to this, an environmental education specialisation unit was introduced with the provision for a practice teaching component at the Shortland Wetlands Centre and the Awabakal Field Studies Centre.

The minister of this new direction in teacher education is Associate Professor Max Maddock who stated that "one assumption underlying environmental education is that provision of the right information will result in right attitudes and ultimately in right behaviour. There is a need for a teacher education approach with an environmental emphasis which transcends the typical subject boundaries and is carried out beyond classrooms, as well as within them, in the hope of developing an environmentally aware teaching force capable of successful implementation of total curriculum programmes."

Thirteen students selected the environmental education unit. These students took one of their two four-week practice teaching blocks jointly at the Shortland Wetlands Centre and the Awabakal Field Studies Centre. The students acted as resource people. This involved preliminary visits to the school, responsibility for a group of pupils during the excursion, and subsequent school visits to supervise students following assignments. It was emphasised that these factors are important if an excursion to such areas is to be of value.

Kindergarten to senior high school students participated in the programme with group sizes varying from 6 to 25. Activities ranged from microscope work, display tanks, videos and slides to bird watching and dip netting - the most popular activity. One student's summation of the experience was that it gave us an opportunity to practice and develop our teaching skills, experience 'in the field' activities, increase our general knowledge of wetlands and enjoy ourselves in the process.

November Examinations

The November Examination Session commences on Monday, November 10 and finishes on Wednesday, November 26. Students may collect a copy of the Final Timetable from the Student Administration Foyer in the McMullin Building.

Examinations will be held in the following locations:

- Auditorium - Great Hall, Purdue
- ALG29 - McMullin Building.

Alphabetical listings of students who are enrolled in each timetabled subject will be posted on the relevant departmental notice boards as soon as they have been prepared. These will show the room or rooms in which the particular subject will be examined and will give desk allocation numbers. Desk number lists will also be displayed outside examination rooms before each examination session.

CANDIDATES MUST SIT AT THEIR ALLOCATED DESKS

Take note of your examination rooms and make sure you know their locations. Always allow plenty of time to get to the examination room. You may have to park your car some distance away.

Candidates must note carefully the time of examinations as misreading of the timetable will not be accepted as an excuse for failure to attend an examination.

Attendance at Examinations

Candidates must sit at their allocated desks and are required to be seated at least 15 minutes before the time fixed for beginning the examination. No candidate may enter the examination room more than thirty minutes after the commencement of the examination. No candidates may leave the examination room until thirty minutes after the commencement of the examination. No bag, writing paper, blottling paper, textbook or book, other than a manuscript or book, other than a spec.

Conduct During Examinations

Candidates are reminded that the University regards academic misconduct as a very serious matter and that the Examination Regulations provide that a candidate shall not by any means obtain or endeavour to obtain improper assistance in his work, give or endeavour to give assistance to any other candidate, or commit any breach of good order. Further, that an infringement of any of the rules set out for the conduct of Formal Written Examinations (Regulations 15 (1)) shall constitute an offence against discipline.

More detailed information is set out in the Timetable Booklet.
The Aboriginal Education Conference held at the University on October 23 and 24, brought together over 100 Aboriginal Delegates, a majority of them Aboriginal, people mainly from throughout New South Wales and the Hunter Valley. Many of them were students, teachers and lecturers from schools, TAFE, universities and colleges of advanced education who came to hear a number of distinguished Aboriginal Educationists from other states discuss ways in which they are increasing opportunities for Aboriginal people to enter tertiary education and providing support for Aboriginal students.

Speakers included this year's Boyer lecturer, Professor Eric Willmot, Head of the School of Education at James Cook University, who argued the case for providing some exclusively Aboriginal schools while improving the quality of education for Aboriginal students in state schools.

Professor Eric Willmot

The role that an Aboriginal community college can play in developing self-esteem, confidence and skills necessary to cope with tertiary education was outlined by Lillian Holt, Deputy Principal of the Aboriginal Community College, Adelaide.

An overview of Aboriginal tertiary education in New South Wales was presented by Bob Morgan, President of the New South Wales Aboriginal Education Consultative Group. Barry Thorne outlined the role and direction of Technical and Further Education (TAFE) in Aboriginal education.

The training programmes in business administration offered at associate diploma, degree and postgraduate diploma level by the Aboriginal Task Force at the South Australian Institute of Technology were described by Sonny Flynn, Co-ordinator of the Task Force. This replaced a paper to have been given and in fact supplied by Veronica Arbon, on the programmes, many of them offered externally, by the Aboriginal Studies and Education Centre, at the South Australian College of Advanced Education designated as the key centre for Aboriginal Studies in Australia. Copies of this paper and some others can be obtained from the Department of Community Programmes.

Eve Fesl, a linguist and Director of the Aboriginal Research Centre at Monash University, emphasised the urgent need for Aboriginal graduates. "White people are at the top of the power structure", Ms Fesl said, "and unless Aboriginal professional people can attain some of these top positions, white people will be making decisions about Aboriginal lives for the rest of our lives and for generations to come".

She stressed the need for Aboriginal teachers as well as training programmes in Aboriginal culture and history for all teachers. "We can have the best programmes in the world, but if teachers are racist, the kids will drop out anyway". Aboriginal lawyers are also needed. "We are now having to pay white lawyers and then having to try to get across to them what we want on land rights and our feelings on the land".

There is a need too, for Aboriginal political scientists. A National Aboriginal Conference established in accordance with Aboriginal traditional systems may have been far more appropriate than the NAC designed by Europeans. Similarly problems experienced by land councils and co-operatives and decisions made by bodies dealing with Aboriginal funding illustrate the importance of training Aboriginal economists, accountants and business administrators.

Aboriginal philosophers, historians and archaeologists are needed to approach their fields from an Aboriginal perspective; likewise Aboriginal psychologists and sociologists who can not only introduce an Aboriginal perspective, but may throw a new light on such issues as why so many white people in Australia have more race hatred towards Aboriginals than any other group and what makes many white teachers racist in the classroom.

Aboriginal women in Alice Springs have developed plans for an Aboriginal birth centre since the newly-built Alice Springs Hospital is seen as inappropriate to Aboriginal birthing customs. There is a need for Aboriginal doctors and nurses (and architects) with a perception of the different values in Aboriginal society.

Eve Fesl highlighted the problems faced by Aboriginal graduates in what she described as the "Aboriginal Industry". While Anglo-Saxon males are still the decision-makers. When equity programmes are introduced often women are chosen who uphold the values of the men in power, "door keepers" who may keep out any bright women who may threaten male values. White "experts" and some Aboriginal people in positions of authority feel threatened by Aboriginal graduates and sometimes work against them. There is a need to reassure them that tertiary education does not, as it is sometimes claimed, undermine Aboriginality.

The Monash Orientation Scheme (MOSA) established by Eve Fesl and outlined by the current Director, Isaac Brown, in fact was designed to reinforce Aboriginality while giving support to
Aboriginal students and equipping them with skills. Isaac Brown described the difficulties faced by Aboriginal students in universities, which he described as "male dominated, conservative, elitist Anglo institutions with a strong middle class bias." The aim of MOSA is to help Aboriginal students cope with another culture while enabling their own to develop and strengthen. Aboriginal students come to MOSA from all over Australia, many of them from remote areas.

Aboriginal students are encouraged to explore their past and to attempt to identify their original forbears. Going to university is not seen as being isolated from the community, but getting to know the Aboriginal community and becoming part of it. Students attend weekly lectures given by Aboriginal people from the community and are taken to sacred sites, Aboriginal health centres and to other Aboriginal organisations in the community.

In developing literacy and improving communication skills, use is made of the increasing number of Aboriginal authors and comparisons are made with English authors.

Numeracy is developed by building on the knowledge of the community from which the student comes. Mathematics was part of Aboriginal culture in so far as it was needed. MOSA starts at that point.

Aboriginal students are presented often for the first time with an account of the violence of contact history and the denigration of their culture. This can produce a group of "angry, bitter, frustrated blacks". MOSA tries however to develop positive attitudes and to show, according to Isaac Brown, "what we can do to live alongside and within another culture without losing our own".

Aboriginal students are vulnerable to a "shame job", humiliation and a sense of failure, so the emphasis in MOSA is on building up confidence and reinforcing positive attitudes.

It is seen as essential that the Director be an Aboriginal person with the required level of education and experience and that the Director should be accessible and approachable at all times. The emphasis is on security, but not dependency. The enclave, located centrally, continues to be used by Aboriginal undergraduate students for continuing support.

MOSA is a highly successful programme and is seen as a model to be followed by other tertiary institutions.

The Aboriginal Education Conference arose largely as a result of a recommendation from the committee established by Senate to increase opportunities and support for Aboriginal students. Although we have Aboriginal medical students at the University, there are only three other Aboriginal students studying here. The committee has made a number of recommendations to remedy this situation and the Conference presented a splendid opportunity to find out what is succeeding in other places before we embark on our programme.

It also provided an excellent chance to hear from Aboriginal people involved at all levels in the education process in this area.

A panel of local Aboriginal staff and students from schools and tertiary institutions discussed the educational situation for Aboriginal people in the Hunter Region. Some clearly defined areas which emerged during the Conference provided topics for workshops during part of the final day. Among recommendations arising from the workshops were the need for greater consultation with Aboriginal groups, especially by funding bodies, the need for improvements to the secondary school system and the need for support systems such as those outlined by visiting speakers.

Resources and organisation were provided by the University, CAE, TAFE, the Awabakal Aboriginal Co-operative and the Commonwealth Department of Education and the New South Wales Department of Education. The Women's Committee of the Awabakal Aboriginal Co-operative arranged a splendid dinner at the Co-operative and the Hunter Aboriginal Children's Service arranged child-minding facilities. The Conference was a truly co-operative effort which already promises some long-lasting benefits.

In Defence of Post Keynesian Economics

The Tenth Newcastle Lecture in Political Economy was held on October 24. The Department of Economics was fortunate in securing as speaker Peter Groenewegen, Professor of Economics in the University of Sydney. Professor Groenewegen is a distinguished scholar who has contributed extensively to the fields of history of economic thought and public finance economics. His controversial topic for the lecture on this occasion drew a large audience.

Professor Groenewegen's subject, 'In Defence of Post Keynesian Economics', was truly in the spirit of the lecture series. It addressed a topic with broad general implications for economic analysis and policy formulation and one in which the social and political dimensions of economic issues are prominent. At the same time, it served to emphasize the deep theoretical and practical divisions that exist within the discipline and the urgent need to repair them.

As Professor Groenewegen explained, his paper was motivated in part by the accelerating reduction in the influence in Australia of those economists who advocate conscious economic policy management and regulation. In particular, the Post Keynesian economists, who follow the ideas of the great economic interventionists of this century Michael Kalecki (1899-1970) and John Maynard Keynes (1883-1946), have seen their initial impact go into decline.

This decreasing influence is evidenced by the readiness with which the present Labor government has adopted a 'free' market approach to trying to solve economic problems.

Post Keynesians, Professor Groenewegen argued, find instability in the provision of goods and services and in employment to be the major problem of modern capitalism. The source of this instability is traced to the failure of existing 'free' markets to be self-regulatory. Economists who propose even more extensive 'freedom' for markets have paid insufficient attention to the nature of structural interdependencies and the formation and income distribution processes of an industrialised capitalist economy. In particular, they ignore the complexities of economic, social and political power structures and conflicts that shape these processes in our society.

By contrast, Post Keynesians provide a broader reading of economic issues in which these neglected aspects are made explicit. They are committed to making economic analysis more immediately relevant to explaining and correcting, through policy, problems which beset capitalism.

Against this background, Professor Groenewegen went on to consider three practical puzzles about which Post Keynesian analysis can provide more realistic insights than orthodox economics. First, he cited the notion that significant reductions in unemployment can result
from real wage cuts. This simplistic message can readily be shown to ignore the intricate interdependencies between money wage settlements, productivity changes, price formation and demand for goods and services. Taking account of these interactions, and recognising that wage and price determination are now largely non-market phenomena, leads PostKeynesians to a more agnostic stance on the effects of real wage cuts.

Secondly, the widely espoused argument that 'deregulation' can enable 'free' markets to work more effectively depends on a concept of markets that does not capture the structural and political realities of modern capitalism. Contemporary markets are dominated by large blocs of power through which particular groups pursue their own interest independently of general welfare considerations. PostKeynesians argue for more carefully designed and targeted regulations in order to mitigate the adverse effects of technologically necessary large-scale units in a modern economy.

Finally, Professor Groenewegen drew attention to the incapacity of orthodox economic analysis to deal with the incidence of taxation changes on particular economic and social groups. Again, this problem can only be addressed by an appropriate understanding of the price formation process and the exercise of market power. As orthodox economics has failed to provide such an understanding, PostKeynesian economics should be called upon to fill the gap, Professor Groenewegen concluded.

NEW DRAMA INITIATIVE

On October 29, the Vice-Principal of the University, Professor K. R. Dutton, welcomed representatives of local theatre groups and the news media, who had been invited for the announcement of a new initiative by the Drama Department.

In partnership with 2NUR-FM, a radio drama group is to be formed to 'revive an Australian tradition of excellence in radio theatre'. Drama Professor Victor Emeljanow commented that this was the first of a series of efforts which would touch the life of both the University and the Newcastle community generally.

The group will be under the artistic direction of Dr Jane Goodall. Auditions will be held to build a repertory company from the large pool of local actors and writers. Dr Goodall hopes to attract both experienced and aspiring talents, to reflect the concerns of this area, and to develop skills of dramaturgy.

In recent years, she said, the text of drama was increasingly subordinate to the visual aspects of theatre, whether live, on film or on video. Radio drama, Dr Goodall believes, focuses the writer and the performer on the literary aspects of the material (and, as those who remember the Golden Years of Wireless will attest, focuses the mind and frees the imagination of the audience).

Technical aspects of production will be the province of 2NUR-FM's manager, Anton Donker. Mr Donker referred to a recent survey of public broadcasting stations which revealed a great appetite for radio drama. He said that stations exchanged programmes with each other, and that dramas produced at 2NUR-FM might eventually be broadcast in as many as 30 different areas across Australia.

Dr Goodall introduced Peter Trist, who will assist her in bridging the artistic and technical aspects of production. Mr Trist, a senior Drama student, has years of expertise with the ABC (later the NBC) in Papua-New Guinea. He is also co-adaptor of the radio play Miriam, which has been recorded and will be broadcast in 1987 as part of the new group's repertoire.

It is hoped that eventually these productions will go to air on a regular monthly basis. As Professor Emeljanow said, the NUR Theatre will not only make a notable contribution to the revival of an important tradition, it will serve as a training ground for actors, writers, production and technical staff, and will provide a focused outlet for the community's creativity.

"Interested persons are invited to audition for The NUR Theatre. Audition scripts and further information are available from 2NUR (685 713) or the Drama Department of the University (685 705). Auditions close November 25."

Dr. Jane Goodall with Peter Trist

PSA YULETIDE LUNCHEON

Friday November 28
12.30pm to 2.00pm
Staff House
Smorgasboard
$7.00 per head

All members welcome
For further information please telephone Richard Murray on extension 734
Fifth and Sixth Year Architecture students mounted an impressive exhibition of their solution to redeveloping a large urban site. Professor Don George opened the exhibition and congratulated the Architecture Department and the students on the work produced.

The models and drawings displayed were the outcome of a new initiative in teaching Architecture, the problem-based approach. In this approach specific design problems are used to generate investigation in an integrated way across the full spectrum of disciplines in which an architect would be expected to have competence.

Students were presented with the problem of redeveloping a large urban site, comprising several city blocks around Wynyard Park in the centre of Sydney. Apart from the enormous scale of this problem, its complexity as a transport hub and an area of multiple use on the edge of the most densely developed part of Sydney's central business district, added to its difficulty. This difficulty made it imperative for students to work in co-operative groups at certain stages of the process, in order to share the task of researching the many topics raised by the problem. This cooperative work involving the self-management of small task-groups, was regarded as an important part of the educational process.

The scale of this proposal is larger than any commercial development so far undertaken in an Australian city. However it has its counterparts overseas and the increasing scale of development in Sydney (such as the Gateway project at Circular Quay and the Anthony Horderns redevelopment) suggest that this scale of project will be undertaken within the next 5-10 years. It is also evident that the location selected for this project is already ripe for extensive redevelopment.

Initially, students carried out a comprehensive feasibility study of redeveloping the site. Students then submitted individual reports and outlined development proposals. One report and design strategy was selected to act as the Master Plans for the sketch design stage. Six students worked in each team each being responsible for designing a different section with a specific land base. Each section represented a different phase in the development. Students developed their individual designs through detail design, construction and presentation stages. Once a student decided on their design they could not scrap it and start again but had to solve problems as they arose. Factors which students had to take into account were cost planning, analysis of use of alternative materials constructional and services systems and the professional practice issues involved in managing a major building project.
The final stage of their work was the building of models which one student reflected represented a total one man year of work on a combined basis.

Shalom -- National Conference


The Newcastle University Catholic Association is hosting the Tertiary Catholic Federation of Australia's National Conference, January 4 to 10, 1987, at St. Joseph's, Lochinvar.

The conference has been organised by eight people with guidance from Sister Mary Goldsworthy and Father Richard Lennan. The organising committee chose the theme of Shalom or "peace" as it pertains to completeness or wholeness. Shalom describes a condition of the world and human society, and of the individual, in which there is God-willed unity and wholeness. It signifies a total state of harmony and well-being.

The basic aim of the National gathering is to engender hope, encourage discussion, action and peaceful relations in a way that will inspire participants to reach out to the wider community.

Each day of the conference will explore a different aspect of peace and as well guest speakers workshop sessions will be held. Guest speakers have been selected from University staff (such as Mary Hall, Geography and Bob Burger, Mathematics, just to mention two); and from Christians for Peace (Bob Berkley, Gwenda and Richard Burnell and Richard McCarthy). Peter Brock a past Chaplain will be returning for the conference.

About 100-120 participants from all over Australia are expected to attend and Year 12 students are able to attend on a daily basis.

For more information please contact Paul Toner, 13 Eastern Avenue, Tarro, or Marita Cook and John Bates at 62 1713.
Australian Research Grants Committee (ARGC) grants

New Grants

Professor R.A. Antonia, Dr L.W. Brown and Dr A.J. Chambers, Transfer Processes in Turbulent Shear Flows, $105,000.

Dr A.F. Ashman and Dr R.N. Conway, The Classroom Application of a Process-based Intervention, $10,350.

Professor J.P. Burrows, Computer-assisted Studies in the Analysis of Language, $30,000.

Dr D.H. Craig, Literary Reputation of Ben Jonson to 1900, $4,000.

Dr C.A.J. Fletcher (Sydney University) and Dr C.H. Wood, Internal Swirling Flows, $98,568 (University of Sydney).

Assoc. Professor B.J. Fraser, Spaced Stations, $46,965.

Professor G.J. Jameson and Mr G.M. Evans, Bubble Production in Stirred Vessels, $23,000.

Professor J.L. Keen and Dr J. Rosenberg, The Artificial Breeding of Marsupials, $8,985.

Dr L.W. Browne, Development of a Workstation for Numerical Prediction of Collapse Loads in Geotechnical Engineering, $12,000.

Dr S.W. Snow, Numerical Prediction of Collapse Loads in Geotechnical Engineering, $12,000.

Dr C.W. Stahl, Socio-Economic Consequences for Pakistan of International Labour Migration from Pakistan to the Middle East, $14,000.

Dr E. Von Nagy-Felsobuki, Investigation of Electronic and Structural Properties of Small Alkali Metal Vapours, $9,500.

Assoc. Professor W.A. Oates and Dr J.D. Browne, The Structure and Thermodynamic Properties of Alloy Hydrides, $15,000.

Assoc Professor W.A. Oates and Dr G.E. March, Thermodynamic and Diffusive Properties of Model Lattice Systems, $10,000.

Dr J.W. Patrick, Control of Photosynthesis, $16,752.

Dr A.W. Page and Dr S. Parsonajad, The Deformation and Failure of Masonry under Triaxial Stress, $18,500.

Dr S. Parsonajad, Ultimate Strength of Groat Filled Damaged Tubular Members, $22,934.

Dr J.C. Rodgers, The Artificial Breeding of Marsupials, $8,985.

Dr R.J. Rose, Mechanisms of Chloroplast DNA Segregation in Somatic Fusion Hybrids and in Plant Development, $14,800.

Dr J. Rosenberg, Dr D. Abramson and Professor J.L. Keeney, Monads PC-A Workstation for Software Engineering (Operating System), $14,000.

Dr S.W. Snow, Numerical Prediction of Collapse Loads in Geotechnical Engineering, $12,000.

Dr C.W. Stahl, Socio-Economic Consequences for Pakistan of International Labour Migration from Pakistan to the Middle East, $14,000.

Dr E. Von Nagy-Felsobuki, Investigation of Electronic and Structural Properties of Small Alkali Metal Vapours, $9,500.

Assoc. Professor W.A. Oates, The Application of Monte Carlo Method to some Lattice Problems, $10,000.

Professor A.J. Guttmann, Problems in Lattice Statistics, $12,000.

Professor A.J. Guttmann and Assoc. Professor W.A. Oates, The Application of Monte Carlo Method to some Lattice Problems, $10,000.

Continuing Grants

Dr R.E. Betz, Monolayer Control of Voltage and Current Source Fed Induction and Synchronous Machines, $16,292.

Professor E.A. Colhoun, Glaciation of King River Valley, $10,000.


Assoc. Professor B.A. Engel and Dr L.N. Morris, Evolutionary and Palaeogeographic Studies of Carboniferous and Permian Bryozoa and Trilobite Faunas of Australia, $5,000.

Professor G.C. Goodwin, Professor A. Cantoni, Dr R.J. Evans and Dr D.J. Hill, Robust Control and Communication Systems, $98,100.

Professor A.J. Guttmann and Assoc. Professor W.A. Oates, The Application of Monte Carlo Method to some Lattice Problems, $10,000.

Dr R.A. Heath, Parallel Distributed Models for the Storage and Retrieval of Spatiotemporal Information in Human Memory, $12,000.

Professor C.A. Hooker, An Evolutionary Epistemological Theory of Scientific Progress, $25,000.

Assoc. Professor R.G. Jones, Professor B.P. Serrchio (Adelaide University) and Assoc. Professor G.M. Stone (Sydney University), Regulation of the Functions of the Initial Segment of the Epididymis, $18,731.

Professor J.L. Keeney, The Leibniz Programming Language, $16,000.
Professor J. A. Keats and Dr R.A. Heath, Individual Differences in Experimentally Derived Parameters and Their Relationship to Intelligence, $12,000.

Professor M.G. King, Pineal Principles: Adaptive Behaviours and Brain Biochemical Profiles, $25,000.

Dr J.R. Kirby, Effects of Text Structure and Learning Strategies Upon Comprehension, $6,000.

Dr G.A. Lawrence, Carbon Acid Metal Template Syntheses of Multidentate and Binucleating Ligands, $12,500.

Professor R.J. MacDonald and Dr D.J. O'Connar, Neutralisation and De-Excitation Ions and Atoms Scattered from Ion Bombarded Surfaces, $14,000.

National Health & Medical Research Committee (NH&MRC) grants

New Grants

Professor R.L. Clancy, Dr G.T. Pang and Dr. A.W. Cripps, Oral Immunisation: Mechanism of Protection in H.Influenzae Related Bronchitis, $34,494.86.

Dr. J.C. Cubis, Dr. R. Smith and Dr. M.W. Brinsmead, Assessing Risk Factors for Depressive Illness in Pregnancy and the Puerperium, $37,460.05.

Dr R. O'connor, Medium Energy Ion Scattering for Surface Structure and Composition Analysis, $26,300.

Dr R. Ofier, Illite Crystallinity ...& Polypeptide Study of K-white Mica in Rocks from Foreare Basin and Subduction Complex Sequences, New England Fold Belt, $6,000.

Dr E. O'f'er, Pathway of Phloem Unloading of Photosynthates, $18,195.00.

Professor R.J. Macdonald, Low Energy Ion Scattering for Surface Crystallography and Atom Location, $47,800.

Professor R.E. Melchers, Human Error in Structural Redibility, $14,000.

Dr D.J. O'Connor, Medium Energy Ion Scattering for Surface Structure and Composition Analysis, $26,300.

Dr R. O?ffer, Illite Crystallinity ...& Polypeptide Study of K-white Mica in Rocks from Foreare Basin and Subduction Complex Sequences, New England Fold Belt, $6,000.

Dr C.E. Offier, Pathway of Phloem Unloading of Photosynthates, $18,195.00.

Professor W.P. Pickering, Factors Affecting Ion Retention by Soil Components, $13,000.

Mr R.H. Roberts, Surface Compositions of Alloy and Recoil Implanted Metal Surfaces and their relation to Corrosion and Wear Resistance, $19,500.

Professor A.W. Roberts and M. Ooms, understanding the Boundary Forces between particulate solids and a surface with measurable topography $13,201.


Continuing Grants

Professor R.C. Burton, Natural Killer Cell Specific Alloantigens, $77,520.37.


Dr A.J. Husband, Role of Intestinal Immunisation in Urinary Tract Defence, $33,422.86.

Dr L.G. Olson and Professor N.A. Saunders, Resistance and Compliance of the Upper Airway, $33,422.86.

Professor B. Raphael and Dr R. Morrice, The Prefrontal Cortex and Schizophrenia, $35,316.05.

Dr J.A. Rostas, Cell Surface Differentiation of Skeletal Muscle Fibres, $31,504.28.

Dr D.F. Van Helden and Dr D.A. Powis, Role of A-Adrenoceptors in Mediation of Vascular Constriction, $71,423.07.

Professor S.W. White and Dr P.G. Moore, Behavioural, Reflex and Local Control of the Bronchial Circulation, $35,030.86.

Dr A.W. Cripps, Professor R. L. Clancy, Dr M. J. Hensley and Dr D. C. Sutherland, The Role of Haemophilus Influenzae in the Pathogenesis of Chronic Bronchitis, $54,266.85.

Dr J.F. Gerken, Mechanics and Prevention of Drug Induced Nephrotoxicity, $93,080.68.

Dr J.F. Gerken and Professor A. J. Smith, Role of Vascular Endothelium in Arterial and Venous Dilatory Effect of Fruemons, $20,494.25.

Assoc. Professor R. F. Heller and Professor TJC. Boulton, Prevention of Atheroma in Relatives of those with Ischaemic Heart Disease, $50,611.95.

Dr D. A. Henry and Dr A. J. Dobson, Prescribed Anti-Inflammatory Drugs and Ulcer Complications in the Elderly, $23,883.50.

Dr D.A. Henry and Professor R.W. Sanson-Fisher, Self Reporting of Adverse Drug Reactions by Patients, $33,482.58.

Dr A. J. Husband, Control of Mucosal Immune Responses, $38,884.90.

Dr D. A. Powis, Regulation of Neurotransmitter Release by Prejunctional Receptors, $61,973.81.
12 Professor B. Raphael, Dr R. G. Adler, T. J. Lewis and Dr K. Nunn, Vulnerability to Alcohol Abuse Among Adolescent Boys, $18,338.17.

Dr S. Redman, Professor R. W. Sanson-Fisher, Dr P. S. Moffitt and Dr J. E. Dickson, A Randomised Clinical Trial of Two Behavioural Interventions with Diabetics, $28,749.61.

Dr J.A. Kotkas, Dr P.B. Danckley, Dr J.W. Heath and Dr D. A. Pomis, Structure and Function of the Post-Synaptic Density, $61,039.35.

Professor R. W. Sanson-Fisher, Assoc. Professor A.L. Reid and Dr S. Redman, Randomised Clinical Trial of General Practitioner Interventions with Smokers, $25,423.48.

Professor N.A. Saunders, Dr M.J. Hensley and Dr J.T. Holland, Disordered Breathing during Sleep in Parkinson’s Disease and the Elderly, $61,246.64.

Dr R. Smith, Professor J.S. Robinson and Dr M.W. Brinsmead, Pre-Opioidmesotracer Control of Pituitary Function, $90,974.56.

Other Research Grants

New Grants

Professor R. Burton, Temporary Fellowship in Surgical Oology, $15,000 (New South Wales Cancer Council, Warney Fellowship).

Professor A. Cantoni, A Highly Reliable Microprocessor System for Real-Time Industrial Application, $8,000 (Australian Telecommunications and Electronic Research Board).

Professor A. Cantoni, Megastable Behaviour and Digital System Reliability, $5,000 (Australian Telecommunications and Electronic Research Board).

Professor A. Cantoni, A Vector Processor Employing VLSI Floating Point Arithmetic Units, $5,000 (Australian Telecommunications and Electronic Research Board).

Professor F.A. Colhoun, King River Power Development $15,000 (Hydro Electric Commission of Tasmania).

Assoc. Professor B.J. Fraser and Dr F. Meek, Propagation of Pol-2 Geomagnetic Pulsations across Polar Cap, $20,200 (Antarctic Science Advisory Committee Grants Scheme).


Dr M.J. Hensley and Dr R.L. Henry, Study into the Incidence of Respiratory Problems in the Munmorah Area, $113,000 (Electricity Commission of New South Wales).

Professor J.L. Kiddy, Distributed Monda-PC System, $10,000 (Australian Telecommunications and Electronic Research Board).

Dr R.J. Loughran, Natural Tracers for Assessment of Soil Erosion, $14,285 (Department of Primary Industry, National Soil Conservation).

Dr A. W. Page, Compressive Strength of Masonry, $18,000 (National Building Technology Centre).

Professor B. Raphael, Analyse Data Base on Mental Health Parameters among Australian Adolescents, $50,000 (Department of Health).

Assoc. Professor A.L.A. Reid, Childhood Immunisation - Infectious Disease Survey, $9,000 (University of Sydney).

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ARGS and NH & MRC Income Received over the period 1982 - 1987.

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Change in University WEA Joint Tutorial Class Programme

The change to a four-term school year makes possible a new approach to programming the Joint University - WEA Tutorial Classes for the first half of 1987.

The Joint Tutorial Terms will essentially follow the School Terms, but classes to be run from February to July will be advertised in a single brochure. This means that Tutors in the Joint Programme for Terms I and II are free to begin their courses anytime after early February, depending on the number of class meetings in each course. It is expected that all Term I and Term II classes will have finished by early July. If you have been thinking of offering a course in the Joint University - WEA Tutorial Programme in 1987, please note that the brochure for the period up to July 1987 must be finalised, as far as is possible, by late November this year.

John Collins, in the Department of Community Programmes is interested in hearing from anyone (academic and professional staff and students) who has in mind a course which could be of interest to Lower Hunter residents. A further development in the Joint Programme next year is that it will be offered in suburban Newcastle and in Raymond Terrace and Maitland. It is also possible for courses to be held "in residence" at Bandon Grove Folk High School (near Dungog) or other suitable venues.

Payment for tutoring in the programme varies upwards from $20 per hour, and most courses are from 12 to 24 hours in length. And don't forget that adult students are usually eager for class visits or excursions appropriate to the topic they are studying.

INVITATION

to all members of the University and all friends of Dennis Biggins

To mark Dennis's retirement last July the English Department is arranging a dinner and a seminar entitled "Interpreting Narrative" - on Monday, November 24, 1986.

The seminar is to be held in Room 102 of the McMullin Building from 9.30am to 3.50pm (free) and the dinner in the Southern Cross Room of the Union at 7.00pm (cost $22).

For further information contact Mrs Hill (68 5219 or ext 219)
STUDY AWARD SCHEME 1987

Worksafe Australia invites applications under the Worksafe Australia Study Award Scheme from persons wishing to undertake training in occupational health and safety related disciplines. People with relevant work experience as well as graduates may apply.

The following levels of courses are eligible for support under this scheme:

- **Associate Diploma**, Diploma and Degree level courses (in some cases TAFE courses may be eligible); and
- **Postgraduate Diplomas**, Higher Degrees by coursework or research.

The awards cover fees, and may provide other allowances as applicable for the length of the course for which the award is made.

Applications for 1987 should be made on the application form which is available from the Project Office, Worksafe Australia Study Award Scheme, GPO Box 58, Sydney, NSW 2001, telephone (02) 265 7514.

Closing date for applications is November 28, 1986.

HOLIDAY ACCOMMODATION AVAILABLE

**Sydney**

Warrane College, a residential college for men at the University of New South Wales, Kensington, Sydney, is offering accommodation from Sunday, November 30, 1986 until Sunday, February 22, 1987.

Summer residence is ideal for: vacation, scholarship, working holiday, bridging course or conference.

Discount rates apply for extended stays. For further information please contact: The Bursar, Warrane College, PO Box 123, Kensington, 2033 or by telephoning 662 6199.

**Melbourne**

Chisholm College, La Trobe University, Bundoora, Victoria, is offering accommodation from late November, 1986 until late February, 1987.

Accommodation consists of good, low-cost, family self-contained units of six to 12 bed/study rooms, carpeted and furnished, modern well-equipped kitchen, separate bath, shower, toilet and laundry facilities (linen and blankets included, towels are not provided).

Rates -- per day: adults $17; per week: $95. Children (under 17) per day: $8, per week: $45. Infants under 12 months no charge (cots provided).

For further information please contact: The Bursar, Chisholm College, La Trobe University, Bundoora, 3083 or by telephoning 478 3122 (Extension 2899).
Tuesday, November 11, 10am

Newcastle Youth Service and Community Programmes Department seminar entitled: Sexual Abuse of Minors. Venue: CG04, Geology Building. Inquiries: 68 5600 or 68 5522. Speakers include: Maureen O’Hearn and Jennifer Koorey (Social Workers at the Sexual Assault Centre); Val Woodroof (Programme Officer, Child Protection Unit); Arthur Webber (Regional Crime Squad) and Sandra Pertot (Clinical Psychologist).

Wednesday, November 12, 7.15pm

Seminar on The Financial and Legal Risks in Foreign Exchange Borrowings. Venue: Committee Room, 6th Level, Medical Faculty Building. Speaker: Professor J.K. Winsen and Mr P.R. Cummings. Inquiries: 68 5600 or 68 5522.

Thursday, November 13, Noon

Film: Don’t Look Back in the Common Room, University Union. Donations: 50 cents.

Friday, November 14, Noon

Department of Chemistry seminar. Speaker: Mr J. Bartlett. Venue: GG05, Chemistry Building.

Conferences

Sexual Abuse of Children

The last of the series of seminars dealing with problems found among young people will be held at the University on Tuesday November 11 from 10 am to 4 pm.

It will deal with the question of the sexual abuse of children. One of the speakers at the seminar Clinical Psychologist, Sandra Pertot, is concerned that the current publicity surrounding sexual abuse of minors may be making people who were victims of sexual abuse when they were children feel they are destined to have serious sexual problems in later life.

Sandra believes educating young people to have good self-esteem and training them in assertion are the best solutions to the problems. Other speakers at the seminar will be Maureen O’Hearn and Jennifer Koorey, Social Workers at the Sexual Assault Centre, at the Royal Newcastle

Meeting on Contradiction

A meeting on the abovementioned will be held at the University on 11 am on Saturday morning, November 15, to late afternoon Sunday, November 16. The venue is the Morpeth Conference Centre (near East Maitland, half hour’s drive from Newcastle University). It is a historic location in a rural setting.

Monday, November 24, 9.30am

A seminar to mark the retirement of Professor Denis Biggins, English Department, entitled: Interpreting Narrative. Venue: 102, McMullin Building. Grand Seigneur and Occasional Chairman: Douglas MacLellan (Monash University); Speakers include: Sheridan Baker (Michigan); John Burrows (Newcastle); Tony Hassall (James Cook University); David Boyd, Dianne Osland and Norman Talbot (Newcastle). At 7.30pm there will be a dinner in the Southern Cross Lounge. Inquiries: 68 5219.

12.45pm

Presented by the Newcastle Branch of APS in conjunction with the Community Programmes a seminar entitled: Neuropsychological Methods of Stroke Assessment Venue: Lecture Theatre R02 (Geography Department). Speakers: Julie Hendy (Clinical Neuropsychologist at Lidcombe Hospital) and Corinne Robertson (Clinical Neuropsychologist at Royal Ryde Rehabilitation Hospital). Inquiries: 68 5600 or 68 5522.

Hegel Conference

A weekend conference on Hegel will be held from 11 am on Saturday morning, November 15, to late afternoon Sunday, November 16. The venue is the Morpeth Conference Centre (near East Maitland, half hour’s drive from Newcastle University). It is a historic location in a rural setting.

PSA AGM

November 26

12.30pm

Arts Drama Theatre

Speaker:

Linda Carruthers,

Association Industrial

Organiser
Give Away

Small female pup now ready to leave mum. Fox Terrier cross. Please telephone Sandra on ext. 240 or 82 8783 after 6.00pm.

I am a lovable black laborador, 12 months old and desexed. I love children and need a happy home. To find me please telephone Katrina on Ext. 673.

For Sale

1975 Chrysler Galant, no rust, good tyres, runs well, registered to August 1987. $2,400. Please telephone Margot, Ext 392.

An Apple Macintosh 512K/800 plus Imagewriter II. Set up for professional typesetting and desk-top publishing. Software: Page maker, Microsoft Word, Full Paint, two months old, still under original warranty. Please telephone Peter 26 5581.

Urgent Sale

On November 22, I will be selling my car, a 1979 Gemini in remarkably good condition. NRMA evaluated it as being worth at least $5,500. I will sell it for $5,000 or near offer, but it must sell on that day. If you would like a preliminary view/trial of it, please telephone me at 43 5306 after 6 pm. I also bring the car to the University every day. Theo MacDonald.

For Rent


Wanted

Apple II+, without peripherals, for reconstruction in doctoral research. Please contact Education Department or telephone ext. 532.

Spanish girl student, 20, here until March would like English conversation preferably in exchange for Spanish but would pay reasonable rates - 4 hours a week. Please telephone 63 3353 day, or 63 1077 evening.

Wanted to Buy

Size 11B or larger ladies high heel shoes in good condition. If you are able to assist please contact Alan Richards C/- The Gift Shop, University Union or telephone 68 5442.

Cedar or Pine old furniture, also Bric-a-Brac. Buyer will collect. Please telephone 59 2319.

Basic Microscope (second hand). Will look at anything that is reasonable. Please contact P. Ricardo at 98 1735.

Situation Wanted

Honest reliable person available for house cleaning duties. References available. Please telephone 58 2799.

For further information please contact Roslyn Cameron 68 5370

NEWCASTLE UNIVERSITY CONVOCATION presents
The Inaugural Lecture Of: -

Professor Richard Heller
Title: - "Clinical Epidemiology - wisemen take to the hills?"

November 26, 5.30pm
MEDICAL SCIENCES LECTURE THEATRE

For further information please contact Roslyn Cameron 68 5370