Vice-Chancellor's Welcome

Welcome to the University.

A University should be an exciting place. Intellectual excitement and the challenge of new knowledge are central to the University. But there is also the excitement and opportunity provided by life in the University.

As new students you will learn that success in the University imposes clear requirements. You will need to bring a high level of commitment to University life.

This will need to be evident in the work you do. Academic success is directly related to effort. Expect to work hard. One important aspect of University life is to develop your capacity for work and to extend your capabilities and achievements.

Commitment to the full development of social, sporting, cultural and creative activities is also part of the life of a University. Your life will be enriched by the friendships you make in the University.

I hope you will bring enthusiasm, determination and organisation to all you do here. But above all you will need to determine the proper balance and priorities. The responsibility for the right balance rests with you. It is important for you to get it right. The rewards will then be great.

My best wishes for a successful and happy time in the University.

K.J. Morgan,
Vice-Chancellor.

Record Enrolment for 1991

If you are a student at the University of Newcastle this year, you'll be one of a record 13,500 students on the campus.

Nearly 3,840 will be first year undergraduate students who completed enrolment formalities this week.

Deputy Registrar (Academic), Mr Frank Hawkins, said a total of 6,403 offers were made through the Universities Admissions Centre in the Main Round to fill quotas in more than 70 undergraduate courses.

Although some offers were made in the Final Round, overall acceptances were well up on last year.

Deputy President of the Academic Senate, Professor Ron MacDonald, said that the demand had taken University authorities a little by surprise (See Senate article P.2). It had left University authorities pondering the cause and it appeared that other Universities were experiencing a similar surge.

An example of some of the acceptance rates are: Arts - 91% (compared to 45% as an average for the previous four years); English/History - 71% (52%); Commerce 82% (68%); Computer Engineering - 84% (65%); Science - 70% (58%); Architecture - 68% (55%).

Professor MacDonald said the acceptance rate indicated that the types of courses the University offered were in demand. The increased demand was evenly spread and did not reflect the decline in interest in Business and Commerce courses reported at metropolitan universities.

Meanwhile, Mr Hawkins said that students were enrolling in seven new undergraduate courses. These were Building (20 students), Consumer Science (35), Environmental Science (30), Music (20), Nutrition and Dietetics (25), Social Work (30), Justice Studies (30 Newcastle/40 Central Coast) while two new postgraduate courses were the Graduate Diploma in Marketing and the Master of Theatre Arts.

Mr Hawkins said new postgraduate students were enrolling by mail and that a clearer picture of enrolments should be available next week.
Warden of Convocation calls on graduates to help in accommodation crisis

The Warden of the University's Convocation, Mr Vic Levi, has called on graduates to consider helping current students by offering accommodation where they can.

Mr Levi said that graduates would know better than anybody, the value of a university education and the difficulty of obtaining one if they can't find suitable accommodation and are unsettled.

"I am sure that, if the difficulties are brought to their attention, they will respond as positively as their circumstances allow," he said.

There will be a record enrolment at the University this year, about 13,500 students.

"Of those, at least one in three will come from outside the region and will have to find somewhere to live. And, of course, there are probably thousands of others whose address is recorded as being in the Newcastle area but who aren't living at home."

"All up, we could be talking about perhaps seven or eight thousand young people requiring accommodation."

"People who have space available in their own home can make the situation much easier by offering accommodation to a student.

"After all, these young people don't come from all around Australia to misbehave or cause trouble; they are bright, ambitious people who are in Newcastle to study and improve themselves.

"I believe graduates - of any University - living in the area who appreciate the benefits of their own education will have sympathy with the difficulties confronting today's students and I hope they will do their best to help them find accommodation."

JANUARY SENATE Student Numbers

Australian Universities are catching up with the demand for student places, according to the Deputy President of the University Senate, Professor Ron MacDonald.

In his report to the January Senate meeting, Professor MacDonald said he would find it surprising if Commonwealth authorities could claim again a shortfall of thousands of places.

The University of Newcastle had offered 5,600 places by the date of the January Senate meeting and was considering a "third round" of offers, he said.

Responses from prospective students had been down on last year's figures in a number of areas, Professor MacDonald said, including Computer Science, Mathematics, Visual Arts, the Bachelor of Arts degree, some Education areas and 'one or two' sectors of Engineering.

"At best, we have held our own in terms of cut-offs," he said.

However, Professor MacDonald said, the University of Newcastle was not alone; similar results were being seen at many universities.

"I would be very surprised if DEET could claim this year that there was a shortfall of 20,000 places in Australia."

Mr Frank Hawkins, of the Student Division, agreed that other institutions were in a similar position to the University.

"Awakenings" starring Robin Williams

Tickets $12 per head (includes chicken & wine supper)

Contact Sheila Proust (Extension 6525)

(Proceeds to go International Children's Aid which supports orphanages in Sri Lanka, Korea and India)

Wednesday, March 13th - 7.30 p.m.

Kensington Theatre.
From the Deputy Vice-Chancellor
(Administration), Mr Lance Hennessy.

If the story on the 1991 Preliminary Budget for the University had been written at the beginning of December, when the Budget Committee finalised its work, it could reasonably have been said that it was a Budget of considerable promise. It was delivering the promise that, with the deficit eliminated and strong continued growth in the stem, the University would begin to see more clearly the improvements that had been long argued for. In particular, the 1991 Preliminary Budget sought to correct the rundown in equipment and facilities which had become so evident in the eighties.

However - and unfortunately there is a 'however' - that was before the Commonwealth Government, still and ever our main source of finance, changed its mind about the withdrawal of funds from the University as it phased out the subsidised overseas student program. It is a sad fact of life that those who make the rules can so easily change them, and that is what has happened in this case.

Notwithstanding all the strictures from the Government for universities to manage themselves better and be more businesslike, the Government does not provide us with final funding figures for our budget year, commencing on January 1, until a matter of days beforehand. We make our best assessment of the complex calculations involved in superannuation provisions and so on. In this case, the blow was a double one: in early December, an earlier DEET figure was corrected by some hundreds of thousands of dollars - downwards, that is - and in early January, the Government varied its decisions on the subsidised student program funding, increasing the reduction in this University's grants by more than $1M.

It is a measure of the 'good housekeeping' observed by the University over the past two years that these decisions have not had more impact on the 1991 Budget outcome. It is still my expectation that the major policy features of the 1991 Budget - improved equipment, facilities and minor works provisions, along with appropriate funding of new initiatives - can be preserved in the final Budget which goes to Council in April. The Budget Committee will be meeting in the near future to consider the situation and see what revisions are necessary; Directors and Heads of Cost Centres are being kept informed. The external difficulties have been exacerbated by our own internal system difficulties, partly resulting from the need to sort out the various effects of the academic restructing, and partly due to programming and processing problems.

Staff may be impatient at the apparent slowness of the administrative computer systems - as I am - but should appreciate that these are complex tasks which cannot be achieved overnight.

As for the cuts from Canberra, the Australian Vice-Chancellors' Committee has entered a very strong protest on both the 'reneging' on previous undertakings and the mismanagement this produces in the institutions, and we can only offer them our strongest support.

Mr Stephan Wellink

Mr Hugh Morgan

Two new staff for Tunra

The University of Newcastle Research Associates (TUNRA) Limited has appointed two additional executive staff.

Mr Hugh Morgan has joined the firm as Accountant. Hugh has 20 years experience in accounting and business administration, mainly in Newcastle companies, Rundles Holdings Limited and Hawkins (Australia) Limited. He is an Associate of the Australian Society of Accountants and the New Zealand Society of Accountants, is a Chartered Accountant and has a Diploma of Business Studies.

Mr Stephan Wellink has joined the Company as Manager - Technology Development. To his new role, Stephan brings a wealth of experience gained through a broad range of business exposure both within Australia and overseas, including working as a research scientist, establishing and operating a business and developing and internationally marketing a scientific instrument in collaboration with the CSIRO. A highlight of his career was the launching of Auspharm on Australian exchanges in 1986 when Stephan was appointed General Manager of Auspharm subsidiary Bioglan.
Central Administration Annual Report

From the Deputy Vice-Chancellor (Administration), Mr Lance Hennessy

The cynics might say this is the perfect cure for insomnia and those who go looking to solve the eternal mystery of administration will be disappointed. Nevertheless, to explain, justify and assess itself better, the Central Administration is producing an annual report which should be available by the end of February. This will cover the work of the four main administrative divisions - Secretariat, Student, Finance & Services and the Buildings & Grounds Unit, which together make up the entity called the 'Central Administration'.

The Central Administration was established from amalgamation on November 1, 1989, as the amalgamation of the three amalgamating institutions and proposed necessary measures to fill gaps in provision.

In particular, it sought to build up administrative capacity to support the University in areas related to its newly negotiated Education Profile: areas such as Student Equity, Research Policy, Planning, and more recently, Award Restructuring. It brought together core areas of administrative support in terms of academic servicing, admissions and enrolments and the Staff Office.

A year down the track, by the end of 1990, the administrative problems remain multidimensional. However, a great deal has been achieved in terms of integrating staffs, systems and traditions. To use the jargon of the day, administrative integration can be argued to have had a 'soft landing'.

But, as ever, the challenge is great. A special area of difficulty and challenge is industrial relations, with the University finding itself swept up in the far-reaching process of Award Restructuring for both academic and general staff. To enable the University to cope with and contribute better to this process and work more closely with the unions, the University has appointed a Deputy Director of the Staff Office responsible for industrial relations and award restructuring - the Officer appointed, Mr Geoff Bateman will take up duties this month.

Looking to the longer term, the process which will be put under way through the Central Administration Annual Report is one of review, rationalisation and improvement of Central Administration services. The Central Administration is essentially a service organisation for the University, its students and staff, and it can only commit itself to ongoing review of those services to adjust them as necessary to our rapidly changing world. No-one deceives themselves that we have yet achieved the final shape of the amalgamated Central Administration, and I predict the need for further adjustments and rationalisation as the economic recession and Government policy bite harder on the University.

STAFF TRAINING DIARY
March & April, 1991
Personal Development Courses/Workshops

| March 9 - 10 | 2 days | Australian Institute of Management |
| "Women In Management 1991 Residential" | Problem Solving with Outdoor Development |

| March 13 | 1 day | Positive Assertiveness |

| March 14 | 1 day | Time Management for Secretaries and Administrative Personnel |

| March 20 | 1 day | Conflict Resolution |

| April 12 | 1 day | Positive Assertiveness |

| April 30 | 1 day | Effective Team Building |

NOTE: Computer Courses Subject to the relocation of computer equipment to the new Computing and Information Sciences Building, classes for computer training cannot be scheduled until the rooms are completed and are made available.

Further information regarding the above courses/workshops can be obtained by contacting John Hattander on Extension 6542 (Staff Office - Hunter Building).

Mozart:

Words and Music

A selection of Mozart's music and letters will be presented by pianist, Sharon Raschke, and playwright, Nick Enright, at the Newcastle City Hall on Sunday, March 3rd, commencing at 4 pm.

Tickets are $16 adult and $11 concession and are available at the Civic Theatre Box Office or by phoning 291977 and will also be available at the door on the day.
Newcastle Graduate First Appointment to Environment Centre

Dr Diana Day, a graduate of the University of Newcastle, has been appointed Senior Research Fellow of the new Centre for Environmental Management within the University. She took up her duties on February 4.

Dr Day has been involved in numerous environmental studies, including a survey of the Hunter Region while at the Australian National University. She is currently a senior policy analyst with the State Department of Water Resources.

On taking up her appointment, Dr Day will be responsible for examining the resources for environmental studies in Newcastle and outlining a structure for future courses and future interaction between the University and the community.

"The Hunter is an excellent region for environmental studies," says Dr Day. "It has a major centre of population a great deal of agricultural activity, generates 75 per cent of the state's power, is Australia's premier manufacturing area and has beaches, lakes, rivers and a harbour."

"With two environmental courses for undergraduates, in Environmental Science and Environmental Assessment and Management, as well as postgraduate courses and research work, the University has a wealth of talent at its disposal.

"And the region is unique because of the way the University and the community relate.

"The work that we do in the new Centre will be of benefit to the Region, but it could also be sold to government bodies in New South Wales and other States, even internationally," she says.

Dr Day said a large part of her job will be identifying the talents available within the University and then devising a structure of courses and research work to ensure those talents are used to the best advantage.

She will also ensure that industry and the many community groups involved in broad environmental questions were consulted.

And she would seek to publicise environmental problems, especially to government.

"Water quality, atmospheric pollution, erosion - these are physical problems but they're also political and social problems," says Dr Day.

"If you don't promote them as problems, people think you don't have a problem, and there won't be any solutions unless people know where the problems are," she says.

Dr Day will be taking leave from her State Government position to take up the post in the Centre.

University Non-Smoking Policy

At the University Council Meeting held on October 12, 1990, it was decided after consultation with the Occupational Health and Safety Committee, that a uniform Non Smoking Policy should prevail throughout the University.

Smoking is not permitted within the confines of all University Buildings (including lecture rooms, laboratories, etc.) as well as University vehicles. This policy does not apply directly to the Staff House, the University Union or Halls of Residence.

Staff and students are advised of Council's policy and are asked to adhere to the guidelines set down.

Appropriate Non Smoking signs will be displayed prominently and ashtrays removed.

For the benefit of staff, the Occupational Health and Safety Officer, Miss Hellen-Anne Wilson will organise assistance and counselling who wish to cease/reduce smoking. No charges will be made and time off work for this purpose will be approved. Please contact her on 216546.
Dear Editor,

Now that the University's traffic problems are upon us once more, I suggest that everyone keep a wary eye out for my car (a brown Nissan Pintara) at the top of the main entrance drive. I'm not normally a traffic hazard, but whenever I reach the top of the drive these days I shut my eyes, so as not to have to read the huge sign that says "TECHNOLGOY PTY. LTD."

I hope the University doesn't employ the same signwriter to work on its new gates, or we might end up as the UNIVERSITY OF NEWCASTLE.

Simon,
Computer Science Department.

Dear Editor,

I was both impressed and disappointed by the latest issue of the Bulletin. I was impressed because it looked attractive and professional, however, I was disappointed to find that the desk top publishing was done by an outside organisation which boasted 'top end Macintosh computers'.

Being involved in DTP myself, I am aware of the superior performance of the Macintosh in the area of publications: how was it then that the Information and Public Relations Unit disposed of its own Macintosh equipment citing incompatibility with IBM hardware and software?

I am also disappointed that the DTP was given to an outside agency rather than to the University's own very professional Medical Communication Unit which also has 'top end Macintosh computers' as well as a talented design team. Surely it would have been more economical to use the University's own resources?

I applaud the decision to improve the quality of the Bulletin, but question the ethics and economics of the decision to use Impress Studios, who while they may be located near the University, are not part of the University.

Dena Bancroft,
Publications Officer,
Secretariat Division.

The Graphic Artist within the Information & Public Relations Unit was on leave when the final issue of BULLETIN for 1990 was prepared. With two inserts to be included in the issue, co-ordination with the University's Printery was easier if the publication was prepared nearby.

-Ed.

Professor Ron MacDonald, Head of the Physics Department and Deputy President of the Academic Senate, has been appointed Dean for Research.

The three-year appointment was announced to the January meeting of the Academic Senate by the Vice-Chancellor, Professor Morgan.

Professor MacDonald succeeds Professor Geoffrey Kellerman in the position.

The Hunter Orchestra is assisted by grants from the Australia Council and from the New South Wales Government through the Ministry of the Arts
New Book - Philosophical Foundations of Health Educations

A new book, Philosophical Foundations of Health Education, jointly written by Professor Ronald Laura and Ms Sandra Heaney, is a highly provocative book.

The two authors argue that despite the impressive array of technological achievements, the health of the general population has not substantially improved during the present century, the idea for the book was born.

Published by Routledge in New York and London and just released in Australia, the volume has been praised by a number of distinguished scholars in the health field as an insightful, comprehensive and highly original approach to the health education area and 'a major contribution to the foundations of health and medical education and is immensely detailed and a highly original contribution'.

Professor Laura and Ms Heaney say that although there are areas in which progress seems to have been made, the success enjoyed is due less to the wonders of modern medicine than to changes in lifestyle, such as improved sanitation and water quality, along with better housing and nutrition. Even by various measures of mortality, we are not as a population healthier; we have simply substituted one form of disease or social pathology for another.

Having battled against infectious diseases such as typhoid and cholera, we are now battling against chronic diseases such as diabetes and cancer. Paradoxically, the authors argue, the gains previously made towards the elimination of certain diseases are being lost through the degradation of the environment and general lifestyle.

The authors suggest an alternative approach to health care which derives from a profoundly ecological and holistic philosophy of nature. They have endeavoured to present a clearer sense to the interface between environmental education on one hand and holistic health education on the other in which the responsibility for health which is inextricably linked to a consciousness of the environment and personal development.

Professor Laura and Ms Heaney say that there is a crisis in health care, however, is not so much in dispute as are the reasons given to explain it.

"Exposing the limits of the conventional philosophical framework of medical science, it can be suggested that an alternative approach to health care which derives from a profoundly ecological and holistic philosophy of nature. We have developed a novel paradigm in which the responsibility for health is inextricably tied to a new consciousness of ecological stewardship and personal development," they say.

The book can be purchased from the Co-op Book Shop in the University Union.

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The Real Inspector Hound

The Department of Drama's first offering in its 1991 season of plays is the witty parody of a murder mystery, The Real Inspector Hound by Tom Stoppard.

Two critics, Birdboot and Moon, played respectively by Barry O'Connor and Paul Makeham, arrive to review a thriller. The thriller is set in the 1950's in the charming but isolated Muldoon Manor. A body lies on stage - but who is it? And who is the murderer?

To help (or hinder the action) are such characters as Mrs Drudge (Elspeth Robertson), Simon Gascoyne (Troy Johnston), Cynthia Muldoon (Sue Porter) and Magnus Muldoon (Tony Anthony).

It is a play about the theatre - like Michael Frayns' Noises Off or Alan Ayckbourn's A Chorus of Disapproval or Stoppard's own Rosencrantz and Guildenstern are Dead - and it will appeal to everybody who has been involved in the theatre. It will also appeal to all students of the theatre. The play is directed by Victor Emeljanow and designed by Gary Fedler.

The Real Inspector Hound opens on Monday, February 25 in the Drama Studio at 8 p.m. and plays until Saturday, March 9. Seating is limited and reservations may be obtained by phoning the Department of Drama on 21 5001.

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APPOINTMENTS TO CHAIRS

The February meeting of Council has approved the appointments of two highly respected academics to Chairs in Aviation and in Power Engineering.

The appointments of Associate Professor Ross Telfer to the Foundation Chair in Aviation and of Associate Professor David Hill to the Chair in Power Engineering were approved by the Council after considering reports from selection committees.

The Vice-Chancellor, Professor Keith Morgan, said the University was fortunate to make such strong appointments to the Chairs.

The University's innovative program in Aviation currently operates through the Institute of Aviation. The program admits students to the Diploma in Aviation and to the new Bachelor of Science (Aviation) which is being introduced this year. The Institute provides a service to the aviation industry by way of research, workshops, seminars and conferences and Professor Telfer will be expected to continue to develop strong links with the industry.

The Chair in Power Engineering is being supported by a grant from the NSW Electricity Commission and is in the Department of Electrical and Computer Engineering which has a Special Research Centre in Industrial Control. The Department and Centre receive substantial funding for their extensive research in the areas of control systems, digital signal processing, industrial electronics, power system analysis, massive memory architecture, automated theorem proving and microprocessor applications.

Professor Morgan said Professor Telfer obtained a Teachers Certificate from the Newcastle Teachers' College in 1956. He was awarded a B.A. from the University of New South Wales (1964) and a Diploma (1968) and Masters degree (1972) in Educational Administration from the University of New England. He completed work for his Ph.D degree at this university in 1977.

After an extended period of teaching for the N.S.W. Department of Secondary Education (1957-70), he was appointed Public Service Board Fellow and Tutor in Education at the University of New England (1971). Professor Telfer joined the staff of the Newcastle Teachers' College (1972) and was then appointed to the University of Newcastle, first as a Lecturer and then Senior Lecturer (1976-84). He became Associate Professor of Education in 1985. In 1987 he was appointed Director of the Institute of Aviation and he now becomes the first Head of the new Department of Aviation.

After having established a reputation of academic distinction in the discipline of Education, Professor Telfer undertook the establishment of the academic program in Aviation in the then newly established University Institute of Aviation. The diploma and now degree program in Aviation was the first such programme in Australia. Professor Telfer was uniquely qualified to direct this development from his previous involvement in pilot training, flight instruction and aviation psychology. His publications include a major book on Psychology & Flight Training and an extensive list of papers, articles and other contributions to aviation as well as a substantial contribution to Education theory and practice.

The importance of Professor Telfer's work in assessment of human performance factors is evident in the work he is regularly invited to undertake for international airlines. Current work includes programs for Cathay Pacific, Singapore Airlines, Qantas and Ansett.

Professor Morgan said Associate Professor Hill was a graduate of the University of Queensland receiving degrees of B.Eng. (Electrical) in 1972 and the University Medal and B.Sc. (Mathematics) in 1974. He was awarded the degree of Ph.D. by the University of Newcastle in 1976.

Professor Hill was appointed to the academic staff of the University of Newcastle in 1974 as a part-time Tutor and Lecturer and as a temporary Lecturer in 1976. In 1977 he moved to the University of Melbourne and, as a CSIRO Postdoctoral student in 1978, worked in the University of California at Berkeley and the Lund Institute of Technology. After a further period (1979-80) at the University of California, he returned to the University of Newcastle, successively as Queen Elizabeth Research Fellow (1980-2), Lecturer (1982-84), Senior Lecturer (1984-87), and Associate Professor (1988), he has been concurrently Assistant Director of the Centre for Industrial Control Science (1988).

His research interests are in the general areas of power system stability and security; and in stability theory and its application notably to power systems. This work has received substantial support through ARGs and now ARC Grants and from the Australian Electricity Supply Industry Research Board. His publications include one book on Dissipativeness and Stability of Nonlinear Systems, some 50 scientific papers and a series of technical reports.

Meanwhile Professor Telfer has been appointed as head of the newly created Department of Aviation while Professor Brian English has been appointed as head of the Department of Social Work. Both appointments took effect from early this month.

WARABROOK

Council is to continue investigations into purchasing part of the Warabrook Estate for future expansion but has called for a study on possible University application of the land.

It has also requested further negotiations between the University and the owners of the land, Kern Corporation, before any decision is made on the matter. A negotiating team comprising the Vice Chancellor, a member of Council, Mr John Peschar,
REPORT

and a consultant is to represent the University in any future negotiations.

The University had an option to buy more than half of Warabrook but the option lapsed last December.

■ FACULTY OF LAW

The Vice-Chancellor informed Council that the University hoped to be in a position in the near future to proceed in making an appointment to the Chair in Law.

Professor Morgan said it was necessary to have a Dean of the Faculty of Law (who will also hold the position of Chair of Law) to advise the University on the important components of the Law degree which is proposed for introduction in 1992. In replying to questions from members of Council on delays in making an appointment, Professor Morgan said that the University was engaged in discussions with prospective candidates. He said the University had prepared itself properly for the introduction next year of a Law degree, emphasising that the University was well ahead of other universities which were considering a Faculty of Law. The University had the support of the community and a Law collection in the Library valued at about $6m but which needed additional publications.

A report on the appointment is to be circulated to Council Members before their next meeting in April.

■ RESEARCH CENTRE

In his Vice-Chancellor’s report, Professor Morgan said that the University’s bid for a co-operative research centre had been unsuccessful in the first round of funding.

The University, in conjunction with the CSIRO Division of Coal and Energy Technology and the NSW Electricity Commission, had proposed to establish a $4m Centre for Advanced Coal Technologies. The joint venture was aimed at establishing a centre to develop ‘clean’ energy from coal.

Professor Morgan said full details of the first round funding would be made in March by the Federal Government which plans to establish 50 centres by 1992.

He said a second round of submissions would be called for later this year and that it was hopeful the Newcastle bid might be successful before the end of this year.

■ MEMBERSHIP OF COUNCIL

A vacancy on Council created by the appointment of a Member to the University staff has resulted in Sr. Margaret Sinclair taking the position.

Dr Diana Day was elected by Convocation to represent the body on the Council but relinquished the position when she took up the appointment as Senior Research Fellow of the new Centre for Environmental Management.

■ NEW SUBURB

Council was told that a University proposal to name a newly defined suburb covering the University campus as Callaghan carried the support of the city.

Newcastle City Council has approved the new name which is in honour of a former Chancellor of the University, Sir Bede Callaghan. The proposal has now been submitted to the Geographical Names Board.

■ STUDENT ACCOMMODATION

The chronic problem of student residential accommodation was again raised during the Council meeting.

Professor Morgan said he was trying to raise the threshold of consciousness in the community of the need of students in addition to building a fourth student residential complex on campus.

Professor Morgan said that proposals had recently been submitted to the University. These were now being considered by the University and are:

1. The SRC investigating support for a co-operative housing venture.
2. A group of residents developing some earthquake damaged property as future residential accommodation.

■ MALDIVIAN STUDENTS

Discussions between the University of Newcastle’s International Students Office and the Maldivian Ministry of Education has led to four of the Republic’s students studying in Newcastle this year.

Vice-Chancellor, Professor Keith Morgan, recently visited the Republic of Maldives amongst other Indian sub-continent countries after attending the Association of Commonwealth University Executive Heads meeting in New Delhi.

He was told by the Maldivian Minister of Education that Newcastle University gained a monopoly of scholarships granted by the Republic’s government for teacher education.

The students will enrol in Bachelor of Education courses as a result of the Maldivian government’s policy of improving its teacher education program. At least another two students are expected to enrol in 1992.

Professor Morgan said success in attracting the scholarships to Newcastle stemmed in part from exploratory discussions held in the region by the former Hunter Institute of Higher Education. These discussions have since been followed up by the International Students Office and its Director, Brian Freedman, and the Director of the School of Education, Professor Allan Taylor.

B U L L E T I N 9

Sr Margaret is a Sister of Mercy and one of her current responsibilities as Congregational Superior is to lead the 130 Sisters in the Hunter Valley in assisting today’s needy and disadvantaged people. Sr Margaret, who has more than 30 years professional experience in education from infants to tertiary levels, was the next member of Convocation to receive the greatest number of votes at last year’s election.

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Contracts signed

Pictured during the signing of contracts for the construction of a new University Centre and repairs to earthquake damaged buildings are the Associate Director of Leighton's, Mr W.A.C. Service and the Vice Chancellor, Professor Keith Morgan.

The University Centre will be completed in late September at a cost of $6 million while the earthquake repairs will cost $1.7 million.

The new University Centre will be located opposite the Engineering complex.

Grant for Study of Whiplash Injury

The quest to implement new diagnostic and treatment techniques in the research and treatment of whiplash injuries has been rewarded with a grant of more than $500,000 to the University.

The grant totalling $562,310, provided by the Motor Accidents Authority of New South Wales, will enable the establishment of a Cervical Spine Research Unit under the direction of Associate Professor Nikolai Bogduk of the Faculty of Medicine, in association with Professor of Orthopaedics, Professor Bill Gillespie.

A spokesperson for the Motor Accidents Authority, which oversees the compulsory third party (CTP) personal injury scheme in New South Wales, said the Authority is delighted to be fostering the development of a facility which will be of particular benefit to motor accident victims.

The grant will provide for establishment costs of the Unit, accommodation and part-time support staff. It will also allow for two medical postgraduate scholarships to enable medical practitioners to undertake clinical research on a full-time basis.

The proposed Unit will be located at the Mater Misericordiae Hospital.

Associate Professor Bogduk says the Unit will provide a comprehensive assessment service for patients with neck pain and headache following whiplash injury, bringing to bear new diagnostic techniques developed at the University. The Unit will also conduct evaluations of current and new forms of treatment for neck pain and headache.

"This grant will enable much needed resources to be made available to patients whose complaints have remained poorly understood and untreated," says Dr Bogduk. "It will help clear a backlog of patients who have approached the University and the Pain Clinic at the Mater Hospital for help in the past, some of whom have been waiting up to two years for treatment."

Dr Bogduk says there is a major need to improve and extend community services for the treatment of chronic pain and this grant goes part of the way to filling this need.

Staff comments sought on Draft Policy

A draft policy for staff development at the University of Newcastle has been circulated to all members of staff for information and comment.

The policy, a result of recent meetings of the Interim Academic Staff Development Committee, pertains to both academic and general staff and reflects the University of Newcastle's commitment to helping staff realise their full potential through staff development programs.

As a member of staff, the draft policy affects you and it is important you have the chance to read and comment on it.

Your comments, which may be submitted without name or any other form of identification, will be treated with strict confidentiality and incorporated in the final draft policy to be submitted to Academic Senate.

If you have not received a copy of the draft policy or have any enquiries regarding the above, please contact Lisa Marshall on Ext. 6570.

All comments should be returned to Dr. L.R. Eastcott, Chair, Interim Academic Staff Development Committee, Mail Box 1, Hunter Building, University of Newcastle, NSW 2308 by Friday, March 15, 1991.
Donation of paintings to Conservatorium

Pictured are the Dean of the Faculty of Music, Mr Michael Dudman (left) thanking Mr John Gray (centre) and the artist, Mr David Middlebrook

University host workshop on wetlands

"Wetlands are not wastelands!" So declared the Director of the Australian National Parks and Wildlife Service, Dr Peter Bridgewater, at a workshop held at the University.

Dr Bridgewater said that too long wetlands have been treated as worthless areas and been a prime target for development or waste dumping.

"Wetlands are important natural resource areas, which serve as vital nursery areas for fish and waterbirds, provide recreation areas and wildlife refuges as well as moderating the effects of floods and droughts," he said.

The workshop, which was a co-operative effort by the Australian National Parks and Wildlife Service, the Wetlands Centre at Shortland and the Conservatorium, a work of art in itself, is set to become a showcase for other artworks following the generous donation of two major landscape paintings by Mr John Gray.

The paintings by artist, David Middlebrook, are entitled 'River Melancholy' and 'River' and were commissioned by Mr Gray two years ago.

Mr Gray, a keen supporter of art and music, said he was pleased to be able to combine his two interests in the form of the donation.

Mr Dudman said it was always in the minds of those who planned the Conservatorium's Concert Hall that it should itself act as a display for other art works.

"This process was begun about a year ago and we are very pleased to accept these paintings from Mr Gray," said Mr Dudman.

University, was attended by scientists, government policy makers and land managers, industry representatives, educationists and private interest groups.

All aspects of wetland management and conservation including the threats faced by different wetland types, the sustainable use of wetlands, how wetlands should be managed and the best ways to educate the community and land managers about the importance of wetlands.

One of the organisers of the event, Associate Professor Max Maddock, said the workshop format provided the opportunity for participants to exchange ideas of wetland management and formulate strategies which will help direct government policies into the future.

"The workshop encouraged the wise use of wetlands as many of our wetlands are used for a variety of purposes but these uses are sometimes in conflict or not carried out in a sustainable or ecologically sound way. We now know that wetlands are too important to allow their destruction at the current rate," he said.

About 150 people including wetland specialists from Asia and the South Pacific attended the workshop which incorporated field excursions and a diverse range of presentations designed to stimulate discussion and strategy planning.

Pictured during a break in the workshop are Ms Elizabeth Young from the Department of Environment and planning in Adelaide, Associate Professor Max Maddock, Mr Najam Khurshid from the World Wildlife Fund in Pakistan, Dr Rishad Provez from Saurashtra University in India and Mr Brian Gilligan, Director of the Shortland Wetlands Centre.
Fitness for all shapes and sizes

Puffing and panting are inseparable from vigorous physical activity. The University of Newcastle, uniquely in Australia, now has the technology to analyse just exactly what they represent.

A machine which can not only measure an athlete’s oxygen uptake but measure every breath and analyse it for more than 20 variables is the centrepiece of work being conducted in exercise physiology by Dr Kevin Norton and Mr Brett Squires in the Exercise Physiology Laboratory of the Department of Applied Life Sciences.

The machine’s capacities were demonstrated recently when final year Physical Education student and Newcastle Knights’ winger, Ashley Gordon, underwent a VO2max (maximal oxygen uptake) test along with NBN 3 reporter, Bruce McKenzie.

Dr Norton showed how the machine monitored each breath, recording the volume of air taken in and expelled and the composition of the exhalations.

The test showed Mr McKenzie’s capacity to absorb oxygen notably higher than Mr Gordon’s — which surprised an exhausted Mr McKenzie.

But the machine was able to yield some other data: Dr Norton detected from the amount of air breathed in and from heart rates that Mr McKenzie had been working at very close to his physical maximum, while Mr Gordon had apparently borne in mind that he had to play for the Knights the next day and saved his best effort.

There is not another machine in Australia capable of processing so much information from a single breath while an athlete is working.

Its purchase stems from Dr Norton’s involvement with the Australian Institute of Sport in Adelaide, where he worked with Australia’s track cyclists.

"In cycling, you not only need a high level of oxygen uptake, you have to be able to reach that level quickly," he explained.

"A 4-kilometre pursuit race is over in about four and a half minutes, so it's no good having a high an equivalent amount of aerobic exercise such as running.

Such healthy specimens are welcome to a free VO2max test and may be invited to take part in subsequent studies to obtain further physiological data.

But you don’t have to be an iron man to take advantage of the machine’s presence on campus. In fact, it can be of major benefit to people who are worried about their weight and dieting to lose.

The machine can provide, for a small fee, a measure of basal metabolic rate.

Purchase of the machine was helped by grants from the Australian Research Commission, the University of Newcastle Research Management Committee and the Australian Sports Commission which is interested in Dr Norton’s research program involving elite athletes.

The Australian cycling squad, currently training at Attitudes in Mexico City and Colorado Springs, is expected to make use of the equipment later this year to examine in detail the effectiveness of its training program.

Left: Dr Kevin Norton and Mr Brett Squires supervise Ashley Gordon’s test.
Above Left: Bruce McKenzie pictured after the test.
Above: Ashley Gordon saved effort for Knights’ game.

exhalations.

The test showed Mr McKenzie’s capacity to absorb oxygen notably higher than Mr Gordon’s — which surprised an maximum uptake if it takes you two minutes to reach that level; you're going to be in oxygen deficit.

*This machine allows us to plot the subject's uptake, Dr Norton says all these tests can help motivate people who want to improve their physical condition by giving them accurate milestones of their progress, but the last is particularly significant for those who are frustrated by rigid diets that never seem to result in weight loss.

"A lot of dieters don’t realise that because they are taking in less fuel, their metabolism slows down and so they lose their weight more and more slowly. This machine can provide a valuable indication of how their underlying metabolic rate is going."

Left: Dr Kevin Norton and Mr Brett Squires supervise Ashley Gordon’s test. 
Above Left: Bruce McKenzie pictured after the test.
Above: Ashley Gordon saved effort for Knights’ game.
Research Grants for 1991

Information on the following grants is available from the Office for Research - telephone 21 5305.

- Australian International Development Assistance Bureau
  For work in fields related to economic and social advancement of developing countries. Wide range of priority areas.
- 1991 Commonwealth AIDS Research Grants
  Research into any aspect of AIDS or HIV
- 1991 Targeted Institutional Links Program
  The countries identified for 1991 include all of Asia. Wide range of priority areas.
- GIRD: Environmental Technology
  Priority areas include solid and liquid waste treatment, waste minimisation, recycling, reprocessing, site remediation and monitoring.
- Department of Transport & Communications, Road Safety Funds
  $500,000 for allocation in the areas of Alcohol, drugs & young drivers
- Rural Industries Travel/Conference Grants

- Australian National Health & Medical Research Council National SIDS Council Multi-Centre Program Grants
  Co-operative research program undertaken by at least two, and preferably three separate approved research institutions.
- DITAC Bilateral Science & Technology Program
  Support for international research collaboration on projects which contribute to Australia's industrial, scientific or technological capabilities.
- University/CSIRO Collaborative Research Grants
- Multiple Sclerosis Society
- Project grants: Fellowships and Seeding grants
- Clive & Vera Ramaciotti Foundation
- Projects in the field of Medical Research
- Australian Academy of the Humanities
- Traveling Fellowships
- National Teaching Company Scheme

- Financial support for Companies, Tertiary Institutions and Public Sector Research Agencies
  National Campaign Against Drug Abuse
  DITAC International Science & Technology Travel Grants
  Apply at any time but at least 6 weeks prior to intended travel.
- Education and Training Foundation
- BHP Community Trust
- RADGAC Department of Community Services & Health

- Medical research and targeted research areas
  Research Management Committee Travel Grants
  Research Management Committee Research Visitors
  Child Accident Prevention Foundation of Australia
  Funding/Support in the area of accidents and intervention strategies.
- Telecom Research Funding
  For Centres of Expertise or short-term research and development.

FELLOWSHIPS
- ARC, Australian Senior Research Fellowship
- ARC, Queen Elizabeth II Fellowship
- Australian Research Fellowship
- Australian postdoctoral Research Fellowships
- NH & MRC R Douglas Wright Awards

- For New Investigators
  Smuts Visiting Fellowship in Commonwealth Studies 1992-93
  The Australian Academy of the Humanities
  Travelling fellowships for short-term study abroad
  Sir Maurice Byers Fellowship

Issues affecting Australian Police work

Closing Date
February 27, 1991
February 28, 1991
March 6, 1991
March 7, 1991
March 13, 1991
March 13, 1991
March 18, 1991
March 18, 1991
April 17, 1991
May 22, 1991
May 22, 1991
June 12, 1991
June 20, 1991
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
No Closing Date
February 22, 1991
February 22, 1991
April 18, 1991
May 13, 1991
June 19, 1991
August 21, 1991
Around The Campus

50th Anniversary celebrated on Christmas Day

If the University’s Post Office had been open on Christmas Day, the Manager, Mrs Lorna Atkins, could have looked down a span of 50 years to when she started as a junior telephonist at Denman Post Office on Christmas Day in 1940.

Not too many people can lay claim to working for the same employer for 50 years, and Lorna who says she has enjoyed every one of those years, has worked in a variety of post offices, telephone exchanges and postal agencies in Newcastle and the Hunter Valley.

Lorna, who has managed the University agency for almost 10 years, says that this has been the best posting (no pun intended!) of all her long career, mainly due to the friendly atmosphere on campus.

Lorna says she may not know all the names, but she certainly knows all the faces on campus. "Customer wise, the nicest people are here at the Uni," she says.

Pictured above: Lorna posts a letter at the University Post Office.

Science student named
Miss Newcastle Showgirl 1991

For the third year in a row, a University of Newcastle student has been named Miss Newcastle Showgirl.

This year’s winner is second year Science student, Natasha Hobson, from Valentine.

Natasha, who received a return ticket to the West Coast of the United States and $500 spending money, goes on to compete in the zone final for the Royal Easter Showgirl contest. Two zone winners from each of the seven zones will compete in Sydney for the title.

Pictured below: Natasha being congratulated after winning the title.

STOP PRESS

Nominations were called at a Special General Meeting of the University of Newcastle Departmental Group of the Public Service Association, held on February 8, to select the PSA nominee for the position of General Staff Representative on the University of Newcastle Council.

As only one nomination was received, it is advised that David Marr is the successful PSA nominee for the forthcoming Council elections.
Accommodation Wanted
OR Exchange House - USA
August 1991 - January 1992

Visiting academic and family requires furnished accommodation for the above period. Prefer 3/4 bedroom house on a direct bus route to University.

Would also be interested in a house swap. Offers four bedroom house in State College, Pennsylvania (4-5 hours driving time from New York, Washington and many other metropolitan areas).

Inquiries: Kathleen Dacey, University Accommodation Officer. Telephone (049) 215595.

FOR LEASE
VILLA. 5 minutes walk to University.
From 31/3/91 for 1 year (owner going overseas). Furnished house neat and very comfortable. Two loung rooms, one large bedroom. Study, dining room, two showers/toilets, large terrace, 2 car accommodation, handy to public transport. $180 p/w. (phone 501431 (early mornings)

FOR SALE
Mitsubishi Pajero S.W.B. 8 seats. Air conditioned, Roof racks, Tow bar, Sunraysia Wheels. In excellent condition with 12 months registration. Must sell - $12,000 o.n.o.
Telephone (049) 264736.

FOR SALE
Suzuki Swift GC, '86 model. 5 Door, petrol miser. Excellent condition with 12 months registration. Must sell - $7,400 o.n.o.
Telephone (049) 264736.

FOR SALE
Caravan (Franklin) - pop-top, six-berth, 14' x 6'8", annexe, cloth upholstery, sway-bars, new tyres plus spare. $4,500. Telephone (049) 450136.

FOUND
Gold bracelet in Car Park (No. 1) before Christmas. Contact Christa (extension 5113).

NETBALL COACHES WANTED
The University Netball Club is seeking anybody interested in coaching a netball team in the local district competition for the forthcoming winter season. This is a Saturday afternoon competition. Currently, the club is solely a student run club and staff involvement either at a playing or coaching level would be welcomed with open arms. Anyone that may be interested should contact Liz Gallagher (telephone 630622 a.h.)

FOR SALE
Desk - approximately 65cms. x 1m. 30 cms. Timber veneer top, metal frame with three draws. Very good condition. $40.
Enquiries - contact Ext. 5673.

BOOK FAIR
Urgently required - books, magazine, records and sheet music for the Book Fair. These can be left at the Commonwealth Bank or collection can be arranged by telephoning Beverly MacDonald at 61 6303.

FOR LEASE
6,000 sq. ft. on two floors of Central Newcastle building available for lease at very economic rental. Would suit Dance Studio, Artist Studio, etc. Recently refurbished. Enquiries - Mr Milder (telephone (02) 2350163).

FOR SALE
1974 Toyota Corona S.E. Sedan - Cream - In good condition, one owner. $2,500. Telephone 82 8924.

FOR SALE
1974 V.W. Kombi Camper 1800 cc. Very good condition - new tyres. 3Way fridge, gas stove, cupboards, etc. $6,000.
Telephone 54 6041 (after 5 pm.)

GARAGE SALE
Fine lounge suite with choc. brown cord cushions $180; Antique timber dining chairs (6 & 1 carver) with tapestry drop cushions $50; AKAI tape deck $150; Apen turntable $100; Brother electric golfball typewriter $250; large unsigned abstract painting $100; Antique telephone $250; 2 large burgundy & gold patterned floor rugs - $150 for both; brass lamp with frosted glass shade $15; brass candelabra $10; brass vase $5; plastic wall phone $10; medical examination couch $250; Avery weighing scales $200; steel cupboard with wood grain top $100. All prices negotiable. Telephone Leigh, Ext. 6117 or 439825 (a.h.)

COMMUNION (Anglican)
WEDNESDAYS 1.10PM

CHAPLAINCY CENTRE
In the temporary buildings
(East of Mathematics)

All Communicant Christians WELCOME

The University of Newcastle Convocation
ANNUAL CONVOCATION DINNER
PRESENTATION OF THE
NEWTON-JOHN AWARD
to DR. JOHN MATHIESON
and the
CONVOCATION MEDAL
to DR. PETER RAMADGE

Friday, March 15, 1991
Orientation Week Program

**Monday, February 25**
12.30 p.m. - 1.30 p.m. Hunter Lawn
12.30 p.m. - 1.30 p.m. Shortland Courtyard
Floyd Vincent & The Child Brides
Stranger Than Fiction

**Tuesday, February 26**
12.10 p.m. - 12.25 p.m. Shortland Courtyard
12.30 p.m. - 1.30 p.m. Shortland Courtyard
SRC Speaker
Headbin
12.30 p.m. - 1.30 p.m. Hunter Lawn
The Terra Planes
"Pancake Bake"
4.30 p.m. - 6 p.m. Rafters Courtyard
-Free pancakes organised by Uni Chaplains.
7 p.m. - 9 p.m. Shortland Bar
Rory M Loud

**Wednesday, February 27**
12.30 p.m. - 1.50 p.m. Shortland Courtyard
12.30 p.m. - 1.50 p.m. Hunter Lawn
SRC Speaker
12.30 p.m. - 1.50 p.m. Shortland Courtyard
Def. F.X.
4 p.m. - 7 p.m. Shortland Courtyard
&
Hunter Lawn
SRC & Union Welcoming to all Enrolled Students
Spit Roast (both sites)
7 p.m. - 8 p.m. Shortland Bar
&
Hunter Lawn
&
Shortland Bar
&
Hunter Lawn
&
Shortland Bar
&
Bar on Hill
&
SRC Speaker
&
Union Welcoming to all Enrolled Students
Spit Roast (both sites)
&
Drawing of Winner for STA Travel Mystery Flight Prize from newly enrolled students who entered draw.
&
Footloose Theatre
&
Movies

**Thursday, February 28**
12.10 p.m. - 12.25 p.m. Hunter Lawn
12.30 p.m. - 1.30 p.m. Hunter Lawn
SRC Speaker
12.30 p.m. - 1.30 p.m. Shortland Courtyard
The Plants
VRAG

**Friday, March 1**
12.30 p.m. - 1.30 p.m. Hunter Lawn
The Happening Thang

'O' Week Information

An Activities Information Booth will be set up in the foyer of the Shortland Union during O Week (commencing Monday, February 25) from 9 a.m. - 9 p.m. daily. A booth will also be set up in the Hunter Union from 9 a.m. - 7 p.m.

Students will be able to obtain information on activities held during the year such as Market Days, Uni Review, Uni Challenge, Battle of the Bands and Discounted Theatre Tickets.

Students will also be able to take out Concert Crew subscriptions which cost $10 to join and entitles students to purchase tickets for concerts at substantial discounts. Orientation Ball tickets will be on sale for $8 (members) $12 (non members).

Stray Cats Concert Tickets (appearing at the Palais on March 12) will be on sale for $18.50.

Tickets for Spit Roast to be held on Wednesday, February 27 on sale for $2 each.

The SRC will be selling discounted refreshments on the day between 4 p.m. and 7 p.m.

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The BULLETIN

The BULLETIN is published by the Information and Public Relations Unit of the University of Newcastle, is produced on IBM Desk Top Publishing and printed by the University Printing Department.

Reader's contributions are most welcome. Advertisements are accepted free of charge from members of the University.

Letters to the Editor should be no more than 300 words and must be signed.

The BULLETIN is being edited by Cae Pattison who can be contacted by telephoning 216457 or Linda Aurelius on 216463.
The Unit's FAX No. is 216400
Report on Master Plan for Shortland Campus

Council at its meeting on December 14 considered a report on the preparation of the new Site Master Plan of the University and decided to make copies of the report available for comment.

Responses to the Site Master Plan should be directed to the Deputy Vice-Chancellor (Planning), Dr D. Huxley, and be submitted by March 8.

Eckford Johnson, Architects, are advising the University on the development of the Shortland campus for the 1990s. The following is the firm’s summary of previous Site Master Plans, together with recommendations for accommodating expected growth while preserving the bushland character of the University.

- The University has followed substantially the 1964 Master Plan Report and the 1976 Master Plan Review. The bushland character and flexibility have remained a feature. Amalgamation has required a new direction for development, from north of Architecture to Oval No. 4.
- Traffic flow and car parking are the major constraints for the future. The campus should be able to house 10 per cent of students, instead of the present four per cent.
- The bush environment must be preserved at any cost in the face of development, infestation by weeds and erosion.
- The great success of previous plans has been the retention of the low-rise building policy and the bushland character of campus. Weaknesses should be seen in the light of this broad success.
- Access to the campus is poor in many areas; the Eastern Entrance is very dangerous; car parks overflow regularly; pedestrian links between East and West may have been adequate to amalgamation but must be considered inadequate now; some paths are poorly lit; bicycles are not catered for adequately; access for the disabled is poor.
- Bus stops are too far from the students; the bus system could be improved.
- There is no sense of arrival at any entrance.
- There are too many temporary buildings, and the quality of the spaces around the Hunter Building and the Gymnasium is poor.
- The landscape is under attack from weeds in some areas.
- There is not enough housing for students.
- Sporting facilities are fragmented and some facilities are maintained poorly.
- (i) The following projects are being built or have building approval: Computing and Information Sciences Teaching building; Union stage IV; Administrative Centre; Science building; tennis courts; Building building; Learning Education Technology Services Building; student accommodation.
- (ii) The following projects have been submitted for funding: Centre for Industrial and Engineering Design; students’ accommodation; multi-level car parking; Technology and Environmental Management building; Richardson Wing extension; Visual and Media Studies building extension; Chemical Engineering laboratory extension; Containment glasshouse; footbridge.
- (iii) Other projects include: Advanced Technology Centre; campus hotel; Western Entrance; 2NUR-FM; Union building; eastern side of campus; Union, Stage III B; western side of campus, and new multi-level car park, new service vehicle entry; extensions to Auchenmuty Sports Centre; Sports Pavilion between ovals 2 and 3; indoor pool; extensions to Auchenmuty Library; extensions of the Ring Road; expansion of Huxley Library; Student Services Centre; Religious Centre; athletics track; extension to Edwards Hall; Wardens’ Houses - International and Evatt House; art gallery and studios; Shortland Wetlands observation building; additional lecture theatres; child minding centres; additional tennis courts; Central store; ELICOS building.
- Amalgamation has given opportunities to improve roads, pedestrian links, the landscape around the Hunter Building and the Gym, and to consolidate sporting facilities. Finding ways to preserve the harmony between the built and the natural environments will be a challenge as more buildings are required.
- There is scope for some expansion without interfering with the visual amenity, buffer zones or green belts, but consideration must be given to optimising the use of existing facilities, for instance having more lectures on Mondays and Fridays.
- The University must consider buying acquiring more land. A stringent parking policy must be implemented, otherwise car parking will become the major single factor limiting the University’s growth.
- A study of the number of cars parked at the University showed that 29.5 spaces were required for every 100 EFTSUs and staff. At the current rate of growth, this would lead to a deficit of 2,367 parking spaces by the year 2001.
- It is recommended that a series of multi-level parking stations be built and that a parking levy be introduced to help fund them.
- It is recommended that traffic lights be installed at East Gate and that a fourth entrance be provided from the Vales Street/BHP Research Laboratory road.
- A new road running within the campus from East Gate to the main entrance is recommended, with a new roundabout at the main entrance.
- The carpark north of the Hunter Building should be opened to the Ring Road, so that the road which serves it now will become primarily a pedestrian path.
- A new pedestrian spine should be built over the Ring Road,
running south of the new Administrative Centre, linking the major campus centres. Pedestrians should have their own links between Architecture, Engineering, the Design Centre and the Administrative Centre.

Together, these will eliminate much of the pedestrian traffic across the Ring Road. Covered walkways will be encouraged for the future.

An electrical consultant should assess the level and extent of lighting to identify areas that need more.

Roads on campus should be named, directional and traffic signs should be improved, and both the main entrance and East Gate should have entrance walls and pylons to create a "front door".

- Buses should be routed through the campus via the proposed link road, with one stop serving the western side of campus and another the Hunter Building.

The introduction of a railway station next to the campus should be pursued.

- Traffic controls should include traffic control devices, speed limits, local area traffic management devices, parking controls, guide signs, regulations enabling enforcement of controls.

- Plot ratios have been determined for a number of separate architectural precincts making up the campus. These plot ratios determine the maximum density of building in those precincts.

- Within each architectural precinct, there should be consistency of building form and materials to maintain harmony. Buildings should be designed to take advantage of natural elements such as sun and wind.

- Access for wheelchairs should be improved in much of the campus.

Any temporary buildings should be removed as soon as possible.

- The low-rise policy has protected the tree line. Individual proposals should be assessed on their merits, but in the light of the success of the existing policy.

The University has 482 beds on campus for students - 210 fully catered in Edwards Hall, 272 self-catering. They can accommodate about four per cent of the students. Within a few years, there will be 15,000 students. The University needs 1,500 beds - about three times the existing number - to accommodate 10 per cent of them, the figure accepted generally as desirable.

Density must increase: future self-catering colleges must be three-storey.

Examination of potential college sites indicates that 1,300 beds can be provided. The acquisition of more land must be considered.

- Sites off the campus should be developed in conjunction with colleges on campus.

- Colleges should have visual individuality and physical separation from their neighbours.

- Outdoor areas, pathways, lighting and security should be developed with the colleges.

- The Union needs a new facility to serve the Hunter Building within two or three years. Two sites are recommended: west of the gymnasium or the gymnasium site itself.

The island of bush at the southern entrance to the Hunter Building must remain.

- Conference facilities should be a source of income, but a mechanism is needed to make conferences easier to organise. A campus hotel may be the way.

- A main objective should be to protect and enhance all areas of the remaining bushland. Green belts and buffer zones have been suggested, but they must be an integral part of the campus, not isolated pockets.

A Landscape Structure Plan should be prepared, detailing structural plantings, preferred species in individual locations and priority listings. A Bushland Structure Plan should be prepared which assesses the existing condition of bushland; identifies the sources of weed infestations; and details methods for removing weeds and rehabilitating the bush.

A review of pedestrian movements should concentrate on the formal identification of the paths people want to take.

Multi-storey carparks should be built to minimise the area taken up by carparks. Indiscriminate parking on landscaped areas should be firmly stopped.

Bushland management, rather than traditional park management, should be favoured, thus minimising maintenance.

A percentage of the total cost of new developments should be used for landscaping work.

- The precinct south of the new Administrative Centre, occupied by No. 4 Oval, should become a focal courtyard.