University Opens Doors on Open Day

More than 20,000 visitors are expected at the University for Open Day on September 7 and 8.

Displays and entertainment have been organised at each campus and in almost every Department.

A trip to New Zealand for two people and two personal computers head the list of prizes which can be won by people attending, and celebrities taking part include from the Commonwealth Minister for Science, Mr Ross Free, to NBN Television's "Big Dog".

"We are honoured that Mr Free has agreed to officially open the event," The Chairman of Open Day, Professor Tim Roberts, said. "In view of his recent Budget gains on behalf of science and research, I hope a good number of staff and students will be at the opening in the Hunter Building on Saturday, September 7 to wish him well.

"But, while the University community will turn out to welcome the Minister, I hope Big Dog's visit will make clear to the broader community that we are hoping to attract a whole range of people.

"Open Day will be a success if we can attract people who have never set foot in a University before."

"The University should be part of the fabric of life in this region. It's not just for those who have already been touched by higher education, it is for everybody."

"As the University offers several degrees in the environmental area, we thought it would be a sound idea to reverse that usual situation and provide free buses where they could be arranged."

Professor Roberts said arrangements would be made to exempt from the parking fee staff and students working on Open Day.

"We know a large number of people will be working. We are hoping they will all wear a special T-shirt so visitors can identify them, and we have received orders for about 600 T-shirts from Departments."

Professor Roberts said that co-ordinating Open Day had been made easier by the support from a number of sponsors.

"In particular, we have to thank NBN Television, for the donation of air-time we could not have afforded; Maintain Axis Computers, for a very large cash donation and a personal computer as a prize, and Leighton Contractors, for another very large cash donation."

"The Electricity Commission has donated a large sum of cash and 1,000 tubestock trees to be given away; Newcastle Camera Print and Newey & Beath Printers have both made large donations; the Newcastle Permanent Building Society and the Commonwealth Bank have donated cash.

"Blue Ribbon Coaches and Toronto Bus Services are making coaches available at less than cost; CSR has provided Canente boards for display purposes for only the cost of transporting them."

He said the cash donations were being used to provide display facilities, photographs, paper and other materials for the host of displays in different Departments.

"I doubt that we could ever run Open Day at a profit, but we might come closer this year than might have been expected for the first such display in the amalgamated University."

You Can't Miss It

The University has a new address.

Following a recent decision by the Newcastle City Council, the main campus is now in University Drive.

And, following a decision by the Geographical Names Board, Newcastle has a new suburb encompassing the University, called Callaghan, after the former Chancellor, Sir Bede Callaghan.

So, the University's new address, which will be printed on new letterhead and existing stocks are used, is University Drive, Callaghan.

The postcode remains 2308.
Committee to solve Parking Issue

The University Council will consult with staff and students before deciding how to deal with parking problems at the Callaghan campus.

The Deputy Chancellor, Dr Peter Hendry, told the Council meeting on August 16 that it had become clear that strong opposition to parking fees was excessive among students and staff alike.

In these circumstances, he suggested it the University's best option was to consult with both groups.

He moved that Council establish a committee to consider the question of parking, with two staff and two student representatives.

This committee would have four Council representatives and should involve the officers who would have responsibility if a fee system was introduced.

Council supported the proposal without debate.

Dr Hendry, the warden of Convocation, Mr Vic Levi, Mr John Peschar and Mr Richard Owens were chosen as the Council representatives.

The Registrar (University Services), Mr Don Foster, who is in charge of parking generally, was nominated to the Committee, along with the Butzar, Mr Brian Penfold, and the Deputy Vice-Chancellor, Dr Doug Huxley.

The staff unions and the SRC will be invited to choose their own representatives.

All members of Council had received letters from FAUSA, representing staff, opposing any parking fees.

Both the Chancellor and Vice-Chancellor deprecated one aspect of the letter, which suggested that the Council was meeting at the Central Coast campus to avoid discussing the issue at a meeting which the majority of staff could attend.

Justice Evatt pointed out that the August meeting had long been planned for Central Coast, and nobody could have predicted that the discussion of parking would be continued after Council asked for further information at its previous (June) meeting.

"I don't think Council itself can be accused of deviousness," she said.

A small group of students travelled to the meeting to present a petition opposing parking fees and, although the resolution for a committee had already been accepted, the President of the SRC, Mr Matt Cantrill, was invited to address Council.

Mr Cantrill said the SRC's concern was with equity and access to higher education.

Strategic Planning for Central Coast Campus

Long-term strategic planning for the Central Coast campus will be among subjects to be discussed by a special meeting of the University Council in September.

Council decided at its August meeting that it should meet each month between its regular meetings to discuss, with no other items on the agenda, the long-term future of the University.

The initiative for examination of the future beyond the triennial framework was the responsibility of the Commonwealth Government came from Professor Ron MacDonald, as Deputy President of the Academic Senate earlier this year.

How such an examination should proceed was discussed with enthusiasm at the August meeting. Council agreed it should be its duty and within its capacities to create a framework for effective discussion of long-term planning.

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Budget Pluses - And Minuses

A $76 million commitment of funds to universities, on top of the funds already allocated under triennial funding, was a highlight of the Federal Budget brought down on August 20.

The "rescue package" allocated an extra $53 million for capital works - brought forward from the 1994 allocation.

According to FAUSA, however, the package provides only $9 million in recurrent funds for 1992 - enough to cover 1,000 extra students nationally, assuming a modest cost of $9,000 per student.

The Minister for Higher Education, Mr Baldwin, said the package was a response to "unexpectedly high" levels of enrolment around Australia this year.

He indicated that the "rescue" funds would not be distributed evenly across the nation, but would "help alleviate some regional imbalances".

He added that institutions which deliberately over-enrolled would not be rewarded by being allowed to draw on the "rescue" funds.

Students face an increase of $144 a year in their Higher Education Contributions.

With normal indexation of the HEC fee, students' costs would have increased from this year's $1,993 to about $2,106; with the new provisions, they will now face fees of $2,250 next year.

The President of the National Union Students, Ms Brigid Freeman, said the Government had failed to keep the promise it made in 1989, when introducing HECs, to increase them only by inflation.

Both budgets have since increased the fee beyond indexation.

Private companies will also be asked to fund extra places in universities next year.

According to a spokesman for the Minister for Employment, Education and Training, Mr Dawkins, companies will be asked to use the money reserved for employee training to meet 40 per cent of costs, and the Government would meet the remainder.

This means a contribution from industry of about $4,000 to $5,000 a place, according to Government estimates of how much one place costs.

In a related area of the Budget, the Government has increased by 37 per cent the funds available through the Australian Research Council, to $242 million.

Health and medical research is given a $16 million increase, to $122 million.

The Budget papers reveal that, of the 19 OECD nations, Australia ranks 16th in its support for research and development.
Imagine going to Provence in the south of France and doing a PhD at one of the world's most renowned universities in your particular field.

Well, Mr John Smart doesn't have to imagine this - he will actually do it.

As a result of excellent passes in the Bachelor of Computer Science course, including honours class 1, Mr Smart has earned for himself an opportunity to study at the University of Aix-Marseille, beginning in October.

His success in gaining a place has turned more than a few heads in computer science circles, because he is the first Australian "post-'T' to be taken in by the Department of Computer Science at the University of Aix-Marseille for the last eight years.

For the 22-year-old John Smart, living in France has had priority for some time. He has learnt French in the Department of Modern Languages as a part-time student for more than two years and, as further preparation, will undertake an intensive French course at the Language Teaching Centre at La Rochelle.

Realisation of his dream - in, of all places, sunny Provence, where the well-known films Jean de Florette and Manon des Sources, were shot - is expected to result in a four-year association with the University of Aix-Marseille, through which the young student should become an authority on Artificial Intelligence.

By working in his vacations as a programmer and banking his earnings and, since finishing his course, working in the laboratory at the University and tutoring students, he has made some financial arrangements for his "big step."

However, he was not able to obtain a French Government scholarship, necessitating applications by him to the Kelver Hartley Bequest and the University of Aix-Marseille for assistance.

Studying in France will be a great, almost daunting, experience for John, who will be the first member of his family to travel further than New Caledonia.

His parents are well-known around Maitland, where the family lives and where Jim (his father) and Margaret (his mother) are high school teachers. Helena Smart, John's sister, is a music student and a fresher at the University Conservatorium.

Mr Smart could have applied to do his PhD at the University of Edinburgh, another renowned centre for research into Artificial Intelligence, but chose to pursue his doctorate in Marsailles.

He said he is impressed with the camaraderie and support engendered by the Department of Computer Science staff and has special thanks for Dr Bryan Beresford-Smith, who supervised the latter parts of his undergraduate course.

A bientot, John.

Medical Research Week

The focus for Medical Research Week - held early in August - was the contribution of medical research to women's health.

Medical researchers in the Hunter Region, including scientists, doctors and health care workers at the University, participated by mounting research-based displays and giving public lectures in the Newcastle Regional Museum.

In keeping with the theme for the week, the displays and lectures covered issues related to the health of women - breast cancer, pregnancy, osteoporosis, sexually transmitted diseases, and more.

On August 4 and 11, a series of short public lectures were given in the Museum Lecture Theatre. The lecture topics covered the health needs of pregnant women, AIDS and adolescents, women's health and preventative research, menopause and bone fractures in older women.

A photo shows Professor Roger Smith, Assoc Professor of Medicine, opening Medical Research Week.

Another Successful Book Fair

The bi-annual Book Fair held by the Friends of the University last month raised approximately $50,000.

The President of the Friends, Mr Keith Barbour, said the money would be used to help fund several University projects. Among these was the publication of a book on the flora and fauna of the University.

Although the next Book Fair is two years off, preparations have already begun and contributions are welcome.
Janine Haines to Deliver Newcastle Lecture

The former Leader of the Australian Democrats Party and also former Senator, Janine Haines, will be in Newcastle early next month to deliver the 1991 Newcastle Lecture at the University of Newcastle.

Mrs Haines has been invited to Newcastle by Convocation, the graduate body of the University.

Her topic for the Newcastle Lecture is Australia: Myth-driven into the Future? which will be delivered in the Griffith Duncan Theatre at the University on Wednesday, September 11 at 8.15pm.

Mrs Haines was a Senator for South Australia from 1977 to 1990 and Federal Parliamentary Leader of the Australian Democrats from 1986 to 1990. She has been a member of several parliamentary delegations overseas and is currently preparing a research paper on palliative care for the Australian Hospice Association with a view to completing a Master of Science degree at Flinders University.

The publishing company, Allen and Unwin, has commissioned Mrs Haines to write a book on women in politics which is due for publication in late 1992 and she is currently the Academic Research Visitor to the Department of Politics at the University of Waikato in New Zealand.

The Warden of Convocation, Mr Vic Levi, said the body was delighted that Mrs Haines accepted its invitation to deliver the 1991 Lecture which was now an important event on Newcastle's calendar.

"The Newcastle Lecture has attracted increased audiences each year and we believe Mrs Haines will be a major drawcard early next month," said Mr Levi.

"She is such a well-known and respected Australian and her topic should provide some thought provoking discussion." Mr Levi said the Newcastle Lecture was open to the general public and that he expected a big attendance on September 11.

Admission to the lecture is free and supper will be served courtesy of Convocation.

Far North Coast Intake

The figures released by the University show more than 240 people from the Far North Coast area are enrolled in its courses this year.

The figures, compiled by university computers, are based on Northcoast postcodes in an area stretching from Macksville through to Coffs Harbour, Lismore and the Queensland border (post codes 2447 to 2490).

The University's Adviser for Prospective Students, Ms Sandra Box, said the computer readouts were based on students' home addresses and that the total number of 243 represented an increase of about 60 students on last year.

"We have a total enrolment of more than 13,000 students spread across our courses, about 9,500 of whom are full-time students," said Sandra.

"It's interesting to note that nearly 10,000 of our students are studying for their Bachelor degrees and that the ratio of female students to male students is 6,900 to 6,135."

Ms Box, whose position entails co-ordination and organisation of student liaison activity involving schools, industry, TAFE, commerce and professions, said she believed competition for places at the University would continue to remain strong because of the high retention rates in Years 11 and 12.

She said the retention rates were now being translated into University enrolments and that although more tertiary places were being made available, the supply could not meet the demand.

"The University is currently attending a number of Careers Markets and Tertiary Information Days throughout the State and the trends reveal that competition for 1992 places is expected to be just as strong as it was for this year," Ms Box said.
Merci, Messieurs

Two staff members were recently able to say "merci" for support and hospitality given to them in Northern France.

Assoc Professor Eric Andrews, of the Department of History, and Mr Bede Jordan, of the Instructional Media Unit, extended their thanks during a civic reception at Newcastle City Hall.

The Town Clerk, Mr Barry Lewis, expressed the City of Newcastle's gratitude to the people of two small farming villages in Picardy located on the Hindenburg Line in the First World War. The villages, Bullecourt and Hendecourt, were German strongholds and suffered intensive bombardment in the war.

Two battles at Bullecourt, fought in April and May, 1917, resulted in approximately 10,000 Australians being killed in nine days.

Some of the victims came from Newcastle, where the 2nd and 17th Battalions have their headquarters.

Professor Andrews and Mr Jordan visited Bullecourt and Hendecourt early this year to make a film on the battles. They hope to have the film ready in time for it to be screened next year on the 75th anniversary of the battles.

In France they were moved by the sincere way in which the people of Bullecourt and Hendecourt honour the memory of the Australian soldiers who fought on the Western Front.

Mr Claude Durand, the schoolmaster at Bullecourt, Mr Jean Letaille, Mayor of Bullecourt, Mr Raymond Senechal, Mayor of Hendecourt, and Mrs Denise Letaille and Mrs Marie Louise Senechal came to Australia for a holiday and Professor Andrews and Mr Jordan asked them to come to Newcastle so they could reciprocate the welcome given to them.

"At the instigation of Mr Durand, the citizens of Bullecourt and Hendecourt have for the past 10 years held an annual ceremony in memory of the Australians," Professor Andrews said. "This has become a highlight of the area.

"This year, they were visited by the Australian Ambassador to France, the Military Attaché at Australia House in London and his staff, and a 20-member contingent of Australian military officers."

"After mass, and a simple ceremony in the main square, a long procession, led by a tiny French band, marched to a memorial in the fields where the Australian troops fell."

New doctoral degree program in Education

At the beginning of this year this University was among the first Australian Universities to offer a professional doctoral degree in Education. (Professional doctorates, requiring both coursework and a thesis, are common in the USA and Canada as an alternative to the Doctor of Philosophy degree.)

The four initial students enrolled in the degree are a dedicated and talented group working this year on advanced courses in the areas of leadership and management, and curriculum and policy change.

They are Ms Louise Clayton-Jones, Assistant Principal of Kotara South Primary School, Mr John McMahon, Director of the Lower Hunter Cluster of Schools, Mr Ken Rodwell, Principal of St Catherine's High School, Singleton, and Mr John Skehan, who teaches in the Tourism and Hospitality Division at Hamilton TAFE College.

Members of staff currently involved with the group are Assoc. Professor Sid Bourke, Dr. David Gamage and Dr. Allyson Holbrook, of the Department of Education, Dr Terry Lovat, of the Department of Educational Studies, Dr John Schiller, of the External Studies Centre, and Professor Ross Teller, of the Department of Aviation.

The coursework for the degree has strong individual and joint research components. To this extent, parts of the program implementation are experimental. Although large teams and joint papers with several authors are common in some academic areas, they are not common in educational research. Other requirements include the more usual seminars, minor papers and major written assignments.

For one strand of the course, the four students are working jointly with three members of staff on a research project into performance appraisal of school principals in the Hunter Region. The findings of this particular study will be presented as a research paper at the Annual Meeting of the Australian Association for Research in Education in November this year and will subsequently be submitted for publication in a professional journal. It is intended that other work presented as part of the coursework will also be prepared for publication.
Give more attention to the patient

Unless the modern scientifically-trained doctor is aware of the patient's views on illness, treatment and doctors, the doctor will be less useful and efficient than he or she could be and may even be wasteful or dangerous.

According to Professor John Cooper, there is a danger that the increasing momentum of medical technology will fascinate large sections of the medical profession to such an extent that a broad view of the patient, the family and the social environment will be lost.

Professor Cooper, formerly Professor of Psychiatry at Nottingham University, was speaking at the annual general meeting of Convocation on July 18.

He said: "Members of some medical disciplines are in danger of becoming little more than skilled medical technicians, who leave a wider understanding of the nature and effects of the diseases of their patients to the other health professions."

"We, therefore, need to ensure that a broad view of the nature and practice of medicine is taught in undergraduate courses in descriptive and theoretical terms, and is taught by practical example in clinical attachments and experience at both undergraduate and postgraduate levels.

"Some parts of what I say are contained in courses in Behavioural Sciences that are now to be found in virtually all good medical schools. These courses have developed worldwide over the last 20 years or so, but they vary a great deal in quality and content."

"There is some evidence that Behavioural Sciences courses are well-received by the students, but many teachers have a strong impression that later in the undergraduate curriculum, and even later in the first few postgraduate years, whatever was learned in this field fades away or gets buried under the pressure of everyday clinical work of a largely technical nature."

"The broad-minded and open-minded student tends to become a narrow-minded and focussed young doctor under the influence of his clinical teachers and the very real pressures of learning to cope with a mixture of day, night and week-end duty and, often, also undertaking postgraduate courses."

Professor Cooper reviewed the way the modern medical profession had evolved from the all-purpose "healer" in simple, small, undifferentiated societies in New Guinea, South America and other countries of the world. The healer had been priest, healer, lawyer and leader - all rolled up in one.

As societies developed and became larger and more differentiated, so the activities of the healer were divided out between several persons, and different professions developed, each with its own rules, structure and status.

"More recently, within the medical profession, we now have specialisation into physicians, surgeons, obstetricians, psychiatrists, etc, and even super-specialists within those subdivisions. This differentiation and specialisation has become possible because of the development of medical science and technology in this century."

Professor Cooper stated that the advances in medical education represented by under-graduate courses in Behavioural Sciences were increasingly under threat by the new very rapid developments in medical technology.

"But the more medical technology develops the more expensive it is likely to become, and often it will be more dangerous."

"So we need the highest possible level of understanding of the needs of the patient and the most careful use of expensive and potentially dangerous technology."

Summing up, Professor Cooper said this would be achieved by giving more attention, not less, to the ideas and experience of the patient, when medical educators made decisions about the content of both undergraduate and postgraduate courses.

Change in South Africa - Talk

The pace of change in South Africa is picking up, and a prominent constitutional lawyer and activist from the University of Witwatersrand will visit the Newcastle on Friday, September 13 to speak about the changes.

Professor John Dugard, who holds a Doctorate of Laws from Cambridge among his many qualifications, is among South Africa's leading experts on constitutional law. He is in Australia as a Visiting Professor at the University of NSW. His visit to Newcastle has been arranged through Professor Frank Bates.

The University of Witwatersrand has been a bastion of opposition to apartheid for many years, and its Law Faculty a leader even within the University.

Professor Dugard will speak about constitutional developments in South Africa in Lecture Room VO 2 at 2.30pm on September 13.

What Mighty Contests

The first University General Knowledge and Trivia Quiz Night on July 19 proved to be good way to keep some staff and students amused.

Several groups from across the campus competed and when the last question had been asked the Information and Public Relations Unit was the winner, with the Department of Psychology second and the Department of Community Programmes third.

A second General Knowledge and Trivia Quiz Night will be held in the Hunter Union on September 6 at 7.30 pm. This time a trophy will be presented to the winning department.

Teams of eight people are invited to enter. Alternatively people can turn up on the night and join a team. The bar in the Union will be open.

Admission costs $5 per person and proceeds will be donated to The Smith Family.

To enter get in touch with the Union Activities Officer, Mr Mark Johnston, on 6225.

BULLETIN 6
Women still have a long way to go before they achieve equality with men.

Professor Lois Bryson has found that although the economic position of women has improved because of their increased participation in the workforce, the public world, like the traditional family, is still controlled by men.

Professor Bryson observes that we have witnessed something of a revolution in terms of women's position in society and this has brought about greater parity with men.

Where there has been the most change is where the changes are consonant with the demand of the economic system, or where they serve state purposes.

Delivering her Inaugural Lecture for Convocation in the Great Hall on August 12, Professor Bryson, Professor of Sociology, discussed recent trends in women, work and welfare.

In her paper, she recounts that since European colonisation women in Australia have been primarily identified by the state as dependents of men, rather than independent workers.

"While the process of change has been supported, and, indeed, promoted by the women's movement, it has very much been driven by economic imperatives. It can be suggested that the logic of capital is best served by a large workforce of people who thus have greater spending power.

"Many strands of social policy can be unravelled from the 1970s onwards. Concerned, social security provisions, for example, are moving away from defining women as mothers and wives, towards defining them as workers.

"Policies in such areas as wages, education and training, child care, equal employment opportunity and affirmative action have contributed to and accelerated the general trend.

"Women are thus gaining a place, albeit a secondary place, in the public domain rather than largely being confined to the private."

Professor Bryson says the move by women to a more central role in the economy is by no means complete but is readily discernible in virtually all countries.

"The movement of women into paid employment has led, in many countries, to an increase in women's general well-being.

"However, there remains substantial female financial dependence. In the early 80s the proportion of women in 10 OECD countries who were totally financially dependent on their partners ranged from a low 11.6 per cent in Sweden to a high of 68.2 per cent in Holland.

"The Australian figure was 46 percent in 1981, but dropped to 39.6 per cent in 1985.

"Only a minute proportion of women have achieved complete economic equality with their partners. This ranges from a high of 11.6 per cent in Sweden to a low of 2.6 per cent in Switzerland.

"Australia falls in one of the higher rankings at over 7 per cent.

"The restricted involvement of women in the economy and their economic dependence has been a major impediment to equality.

"As well it remains a fundamental factor in the construction of family relationships. While women earn less than their partners, despite being within families, particularly about who does the parenting, have been shown to be significantly influenced by the financial superiority of the male partner."

Turning to labour force participation, Professor Bryson says there has been a gradual reduction in male participation rates at the same time as there has been a more dramatic increase in the participation rate of women.

"Between 1970 and 1986 the overall rate of employment for married men dropped from 88.5 percent to 76 percent.

"During this period while the labour force rate for men fell by 10 percent, the rate for married women rose by 12 percent (from 35.2 percent to 47.1 percent).

"The increase in women's rate of participation has been entirely made up by married women. In the early 1950s, the participation rate of married women was only about 12 percent. By 1970, it had reached 35 percent and to-day it is over 50 percent.

"It seems almost certain that the increase in female employment must have been a greater had jobs always been easy to come by.

"Because of women's high rate of part-time work, when all women's earnings are considered, these average 65 per cent of men's. Despite this unequal pattern, the earning rates of Australian women rank high in world terms."

"When we look at what accounts for Australia's relatively favourable pattern internationally, we must locate the reason within the centralised form of wage setting.

"In those countries which have decentralised systems of bargaining, such as the USA, women in strongly unionised areas, or with highly valued skills, do very well, other women do badly and women of colour are over-represented here.

"Women workers generally tend to be less well qualified, less unionised or in weaker unions.

"Though in Australia women's education and training levels have been going ahead in leaps and bounds over recent years, there remain significant dangers in the recent moves in Australia and New Zealand away from a centralised wages system to enterprise bargaining.

"Through recent downturns in the economy, while women's employment has continued to rise at a rate faster than men's, the conditions of that work have deteriorated. Much is part-time, intermittent or performed on a contract basis.

"The continuing increase in the employment of married women must be seen as partly based on their greater readiness, largely because of their family responsibilities and weaker bargaining power, to accept the poorer working conditions that are being offered.

"Married women not only undertake much more part-time work, their work histories are likely to be broken by child care needs."

"Taking all these factors together, for women who raise two children it has been estimated that their financial loss over a lifetime is around $384,000 at 1986 monetary values," Professor Bryson says.

1991 Language Day

This year's Language and Literature Day will be held during Open Day. The subject will be Persian and Indo - Aryan Literature.

Language and Literature Days are well-established events on the University's calendar. Some past 'days' have focused on Dante, Cervantes, Science Fiction and Anglo-Indian Literature.

Symposia on Persian and Indo-Aryan Literature will be held in Lecture Theatre R 02 in Geography on Saturday afternoon September 7.

The programme is:

1.30pm, A Reading of the Bhagavad - Gita (A Hindu sacred song)
by DR MANGALA FROST

3pm, Omar Khayyam: The Persian and the Parson, with readings from the Rubaiyat by ASSOCIATE PROFESSOR NORMAN TALBOT and DR DONALD MOORE.

Enquiries can be made by ringing the Chair of the Language and Literature Board, Mr Ted Millar, on Ext 5228

BULLETIN ♦ 7
University provides more accommodation for country students

Evatt House - providing accommodation for country students
Pictured: The Warden of Evatt House, Dr Bernie Curran

Students from country areas who may take up studies at the University next year have a slightly better opportunity of gaining on-campus accommodation as a result of a $1M expansion to a residential complex.

Evatt House, which took in its first students in mid-1989, can now accommodate 147 students following the extensions.

The Warden of Evatt House, Dr Bernie Curran, said the self-catering complex previously only could accommodate up to 115 students. The extra 32 beds had made accommodation more flexible for students, especially for those who were considering long-term residency.

"Evatt House is an on-campus residential complex designed to specifically cater for students from rural areas of New South Wales," said Dr Curran.

"The students, up until the extensions, were accommodated in 10-bedroom units with the residents providing their own meals, doing their own washing and cleaning. They share facilities such as the kitchen, common room and bathroom and, all in all, live in an atmosphere that is conducive both to achievement of academic excellence and to the development of a happy and stable community life for residents."

'The new $1M extensions however, incorporate two five-bedroom units in addition to another two 10-bedroom and two larger rooms for senior residents. This now enables us to provide some accommodation where students, especially those in the latter years of their studies, can live in smaller groups and be more inter-active with students possibly undertaking similar courses.

"Although the expansion has provided only 32 beds, it's an important step forward to our ultimate goal of having at least 200 beds in the Evatt House complex," he said.

The University now has three on-campus residential complexes providing a total of about 600 beds, but all expect far more applications than vacancies for 1992.

Dr Curran advised people to start making enquiries now about accommodation at universities for next year to enable prospective students be fully aware of the 'accommodation market' and the cost involved.

People who require more information about Evatt House can contact the office by telephoning (049) 21 6667.

The Matrix Principle

Professor Ken Dutton sometimes tires of people urging him to put aside his studies in physical fitness and return to something more 'serious'.

He regards the book he had just written with Professor Ron Laura, The Matrix Principle, as a serious pedagogical work.

The Matrix Principle is intended to be "the most intelligent book ever produced on weight training".

It avoids the prescriptive approach of most training textbooks, preferring to explain how the body works and moving from there to allow individuals to devise their own training programs.

"I have people approach me in the gym and ask, how many repetitions should I do with this weight," Professor Dutton says. "If I told them 57, they would go and do 57, and if I said, Oh only two, they would go and do two."

This attitude, common among even experienced trainers, has prompted the two professors to outline a new method of training, based on the mechanical and physiological principles by which the muscles work.

"Matrix" training is a method developed largely by Professor Laura over 12 years. It has been tested on more than 160 subjects, both here in Newcastle and at Harvard.

Control outside the clinical sessions extended to diet, additional exercise, even rest. On the criteria of assessment - weight, critical measurements and strength gains - the trainers using the matrix method performed two to three times as well as the control group.

Matrix training does not rely on heavy weights. In fact, it allows for training through "imaging" - using no weights at all.

"How does a muscle know that it's lifting a heavy weight?" Professor Dutton asks. "The muscle only knows what it is told by electrical impulses from the brain, it is possible to mimic the effect of weights."

Moving away from heavy weights to light weights, with varied repetitions, isometric exercise and imaging brings weight training within the scope of many people who might normally consider weight training outside their scope.

Older people, especially women, and children can take advantage of this approach to improve their health.

The book has all but sold out its initial distribution in Sydney, Brisbane and Newcastle, placing Professor Dutton in an unusual position.

Australia's best-selling book is by a former English pupil of his, David Marr, biographer of Patrick White.

"It's a very good book," he says of Mr Marr's work.

"But I can't help wanting to correct his English."
New arrival faces cold

Over residing in Malaysia and Singapore for a total of 18 years, new Senior Lecturer in Building, Mr Jonathan Lewis, is trying to get used to the winter cold.

Mr Lewis left Australia in the 70s under the auspices of the Australian Volunteers Abroad Scheme, with a Bachelor of Building in the University of Melbourne, and set up a Diploma in Building course at the Institute of Technology at Mara in Malaysia.

More than three years later, he moved to the National University of Singapore, where he obtained a MSc in Construction Engineering.

As well as teaching technology and management at the University of Singapore, he was associated with the Singapore Institute of Building in implementing several projects, including setting up part-time Building courses.

At this University he is mainly teaching technology and management to some of the students who formed the first intake in the new full-time BBuild course.

He said the course was unlike most management courses taught at universities, because it was an applied management course. As a result of the pragmatic approach taken to management, the BBuild graduates should be sure prove to be very attractive to employers.

Mr Lewis’ research activities include construction methodology, construction resources and constraints and management in the building process.

He is married to Ajita, an Information Management Consultant. They have children aged 13 and 10. The family plans to be reunited in Newcastle at the beginning of September.

The Professor of Building, Professor Denny McGeorge, told the BULLETIN that so far five members of staff had been recruited to teach in the Department of Building, which was presently part of the Department of Architecture but would become a separate department at the beginning of 1992.

Next year would see the introduction of external teaching of the BBuild course, Professor McGeorge said.

"This will be an exciting development as it means that this University will be the only provider of external building education in Australia. So far I have received about 300 inquiries from people about doing the course externally."

It was expected that with the introduction of the external course the department’s total student numbers would grow to about 100.

Professor McGeorge added that good progress had been made on the construction of the new $650,000 building in which the department’s activities would be conducted. Located adjacent to the Architecture Building, the building should be ready for occupation in October.

Antarctic "Stamp" of Approval

A photograph taken by a member of the Department of Physics’ Space Plasma Waves Group in Antarctica will be used by Australia Post on the front cover of the December stamp bulletin.

The photo was taken by Mr Ian Dunlop at Australia’s Mawson base last summer.

Another colleague, Mr Chris Chaston, was at Davis and Dr. Fred Menk was at New Zealand’s Scott Base, at the same time.

Members of the Space Plasma Waves Group travel widely to service and maintain their large network of digital magnetometers - from Weipa, to Woomera, to New Zealand, to Tasmania and to Antarctica.

The group operates magnetometers at five Antarctic bases.

Group members have participated in nine Antarctic trips, with a further three trips scheduled for next summer.

A photo display of these locations will be featured during Open Day.

Management Students Set Up ‘Deals’

Students enrolled in Enterprise Development programmes offered through the Department of Management, as well as Bachelor of Business students, are looking very closely at businesses in and around Newcastle and the Hunter Region with a view to either setting up a new business or making a ‘take-over bid.’

The exercise is hypothetical of course, so business people have no need to feel nervous, but the research, organisation and planning being put into the exercise is an indicator of the business acumen which the students can call on in the future.

Enterprise Development deals with enterprise and entrepreneurship, concentrating on the business enterprise rather than the entrepreneur, its component of ‘enterprise’ refers to the process of enterprise rather than the entity or structure.

Lecturer in Management, Mr Graham Walker, says the module explores four areas:

(1) The creation of new independent enterprises;
(2) Franchising, the creation of new semi-independent enterprises.
(3) Management Buyouts and Management Buy-ins;
(4) Intrapreneurship, also known as Corporate Venturing, concerned with maintaining and increasing enterprise in existing businesses.

The students are required to produce a business or corporate plan for a project within one of the four above areas and that it should be as realistic as possible.

"With the requirement for realism, the students are busying real businesses as models or real situations and opportunities which they feel could be developed," says Graham.

In all there are 23 projects being conducted with the students working in groups of about six.

"Part of the exercise is to gauge potential consumers’ needs and preferences, so the students are going to survey existent students around the campus to help them develop their ideas," he says.

Some of the projects include a business plan for a motel in Wallsend, an unused Council owned building in the Hunter Mall to be used as a fast food outlet, a buy-out of all on campus accommodation, cinema and associated services, a video production company, a business training enterprise, a mini-supermarket on campus, a child care centre, a car-wash franchise, a combined Chinese grocery and Chinese medicine store, a ‘Let’s Have a Party’ catering company, a manchester outlet, a garage on campus, a domestic services company, a business plan for the University’s Department of Community Programmes, a business plan for Australian Spit Roast Professionals, a high quality, Australian made component company, an ‘Oak’ style retail outlet, a McDonald’s Franchise at Salamander, Port Stephens and an East End Pub Development.

"Some innovative ideas have come to light during the initial stages of the exercise and it will be interesting to hear what people have to say in response to the surveys," added Graham.

FOOTNOTE: Surveys sheets will be inserted in BULLETIN during the next few issues. If you would like to offer your opinion, please return to the "Department of Management, marked MNGT313 Enterprise Development Survey."
Open Day in the Auchmuty Library

Staff of the Auchmuty Library are bracing themselves for a large number of visitors during Open Day September 7 and 8.

In addition to its own program, the Library will present a number of exhibitions and lecturettes in co-operation with Convocation, the Departments of Classics, English, and History and the Art Advisory Committee.

The Library has aimed at not only acquainting visitors with the latest technology in retrieving and recording information but also with the scale of its resources, including its Rare Book Collection and Archival material. It has also attempted to indicate the complementary role the Library plays in the educational program by mounting displays of topical and general interest.

The Library is now at the forefront of developments in information technology retrieval. To illustrate this, demonstrations will be given in on-line and CD-ROM (information and compact disk) systems. Packages featuring current affairs and leisure and sport will be available. The Library's present computerised cataloguing system, ALLEYCAT, will also be up and running.

The Audiovisual section will present a program comprising computer training with an interactive video on the WordPerfect software, a slides program on "The History of Dress", and videotape "De Italia" - some 36000 slides on Italian life, culture and the countryside - and a series of silent movies featuring Charlie Chaplin, Buster Keaton and the Marx Brothers. Hopefully the program will give the public some idea of the wide range of audiovisual material now available to supplement traditional hard copy material.

In the same vein will be displays of old newspapers and journals in both hard copy and microform. A government publications display featuring the treatment of Aborigines and the environment will highlight our resources in this area.

A representative selection of some 150 of our most valuable rare books will be on display, including First Fleet material, early printed books from the Morpeth Collection and significant facsimiles. Indicative of our archival strengths will be a photographic display of the history of the University over the past 40 years.

Of more general interest are displays on the environment and its hazards and the History of Costume and Academic Dress. The latter is a spectacular portrayal of original and copies of costume through the ages together with examples of academic dress from this and other universities. This is presented in association with the Drama Department and Convocation.

An Aboriginal Heritage Exhibition featuring weapons, drawings and books will be presented in association with the History Department.

A series of lecturettes will be given on both Saturday and Sunday. On Saturday members of the Classics Staff, Dr R Beare, Dr E Baynham, Mr D Palmer and Mr H Lindsay, will present addresses accompanied by slides, and at 2.30pm on Sunday Dr John Turner will give a lecture on Convict Newcastle, again accompanied by slides.

The English Department will present a display of works by members of the Department.

Finally, the Auchmuty Library will host the Mediterranean Antiquities Exhibition, presented by Re-entombed Galleries and sponsored by the Art Advisory Committee.

ELIZABETH GUILFORD

Mediterranean Antiquities Exhibition

One of the major drawcards to the University on Open Day Weekend will be the Mediterranean Antiquities Exhibition, being presented by Re-entombed Galleries, of Sydney. (This gallery was responsible for the highly successful Egyptian Antiquities Exhibition held at the University early last year and also the Classical Antiquities Exhibition held in 1989.)

An array of artefacts emanating from the ancient Greek world, Italy, Sicily, Lebanon, Syria and Egypt, as well as Canaanite and Hittite objects and Coptic cloths, will be featured. The period covered by the Exhibition is mainly from 5th century BC to 6th century AD.

Among the most significant objects on display will be three magnificent Roman mosaics of the period 3-4th century AD. One features a rabbit and tiger, another a duck, with hearts around the border, and the third a wine cup. All three originated from a villa outside Lebanon and they have a combined value of $45,000.

Also on view will be a wide range of Egyptian scarabs, ushabtis and a papyrus fragment.

This Exhibition is being sponsored by the University Art Advisory Committee and will be located in the former Microterminal Room, Ground Floor of the Auchmuty Library.

It will be officially opened on Friday night, September 6, and will be open to public viewing from 10am - 4pm from the Saturday September 7 to Tuesday, September 10. All items are available for sale and 20 per cent of the proceeds will be donated to the University's art acquisition fund.

ELIZABETH GUILFORD
Industrial Relations Director

Mr Paul Munro, who has taken up his appointment as Deputy Director of Industrial Relations at the University, sees plenty of interesting work ahead.

Two of the commitments of the Staff Office since amalgamation have been to rationalise industrial relations policies and practices and to ensure greater consultation with staff.

Mr Munro is responsible to the Director, Staff Office, for maintaining industrial relations on the campus, ensuring the efficient operation of the occupational health and safety, rehabilitation, training and development (general staff) and superannuation services.

"I intend to work closely with people, offering what support I can to assist them and use my experience to meet the needs of a changing University," he said. He said he believed in being proactive, not reactive, in his dealings with staff.

Mr Munro has had extensive experience in personnel management with the Australia Council, the Australian Film and Television School and, from 1980-1989, the Australian Bicentennial Authority (ABA) and recently the Capital Financial Group and MLC/Lend Lease.

One of the most exciting aspects of his career was his time from 1980 to 1989 with the ABA. His duties ranged from recruiting more than 4,000 staff to negotiating redundancy arrangements for those staff remaining after 1988.

He was also involved in the creation of several innovative awards for projects such as the Bicentennial Travelling Exhibition. "A fair amount of time was spent at hearings before State and Federal Industrial Commissions, as well as lengthy negotiations with the ACTU and individual unions", he said.

When he commenced work with the Authority in 1980, there were only six on the staff and the task ahead seemed monumental. The first two years were spent setting-up the Personnel and Service Support structure.

From 1982 to 1984 Mr Munro assisted, as Project Officer, with the development of the National Bicentennial Program. The development of the Program relied on liaising with interested groups and individuals to provide advice through task forces and advisory committees in specific areas. Several members of university staffs were involved in this process.

Paul said that one of the great things about working for the Authority was being able to work with Dr David Armstrong, a man of vision and creativity. The end result, in 1988, was very close to Dr Armstrong's original plan, even though he was removed as Chief Executive in 1986.

Because of the limited life of the organisation, innovative work practices, such as multi-skilling, job sharing, job rotation and in-house health and welfare programs encouraged a commitment to the task.

Mr Munro holds a BA degree in Macquarie University and is a member of the Institute of Personnel Management of Australia. The first year of his degree course was completed at this University. He is also a registered Fitness Leader, although he does not currently practise professionally.

He has Room LG61 in the McMullin Building and his telephone number is 5278.

City to Surf Success

All those training runs around the campus at lunchtime have certainly paid off for one member of academic staff.

Dr Hilary Winchester, Senior Lecturer in the Department of Geography, joined the crowds in this year's City to Surf race from Sydney's Hyde Park to Bondi Beach.

Hilary, who is Australian National Veterans' Champion and NSW State Record holder at 10,000 metres, ran a personal best time of 57 minutes and 35 seconds and was the 35th woman across the line.

With her husband, Stephen Gale, who is Lecturer in Geography at the University of New England, they again won the Husband and Wife category in the 14 km. run. Stephen also ran a personal best in achieving a time of 48 minutes, 26 seconds.

The City to Surf is generally viewed as the culmination of the winter running season, but Hilary tells BULLETIN that she is contemplating extending her to the NSW State Marathon at the end of September.

Open Day at the Huxley Library

The Huxley Library will mount three displays for Open Days, namely, Art through Literature, Children's Books, and Nursing.
Computing the Virus

It's all about Michelangelo, Stoned and the Dark Avenger - and it's good reading.

And if you want to know more, get hold of one of the top most popular publications being read on campus at the present moment. The above characters are some of the main culprits - and you could learn how to save your mental health as you sit at your computer.

Entitled 'Computer Viruses', the booklet has been written by Bruce Hodge from University Computer Services and is a layman's guide to the viruses that affect IBM PC's.

Bruce said that when the first edition was issued last year about 200 viruses were known to be in circulation. This second edition has been compiled to help combat 1200 viruses, a 600% increase in the past year.

"We have been surprised at the great increase in viruses and about 17 different strains are on campus," explained Bruce who is a Computer Support Officer with UCS.

"The latest one - Michelangelo - is frightening as it attacks the partition table on the hard disk and also the floppy drives. It's timetabled to deliberately infect personal computers on March 6 next year (Michelangelo's birthday) and as yet we're still not sure how the virus came on campus."

Bruce's first edition was written out of necessity because of the problems being encountered from the viruses and the second edition has been written for much the same reason.

"The 1200 viruses which are now in circulation show that a publication is out of date after the first six months and a follow-up edition is needed as soon as possible," said Bruce.

"The booklet has been written for the casual PC user in a style that is aimed at demystifying the virus problem. I've covered topics such as explaining a virus, how to avoid viruses, what to do once your computer is affected, software that can help if you are in trouble and also the myths and legends of viruses."

If you would like a free copy of the booklet, telephone the Computer Help Desks (Shortland Ext 5382, Hunter Ext 6424).

Footnote: Friday the 13th in any month is also a 'bad' day for viruses. Bruce said many viruses have been known to begin infecting computers on that date.

Giving the carer a break

A carer of a handicapped or an old person needs a break. A respite care survey being organised by the Department of Holistic Health Studies has the aim of providing care in Wallsend and neighbouring suburbs.

Professor Rufus Clarke, of the Department of Holistic Health Studies, has received a grant of $57.291 from the Commonwealth Department of Health, Housing and Community Services to fund the survey.

Professor Clarke explained that when handicapped people could no longer look after themselves they needed help from carers, who were often members of their families.

Respite care gave the carers an opportunity for a break from what could be a full-time job and demanding, even if satisfying, task, he said.

"Respite care can take place in the home or in an institution. It can be for a few hours, days or weeks."

The Wallsend/Shortland

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Former student praised

A Visual Arts graduate of the former Newcastle College of Advanced Education received an accolade from his lecturer on August 6.

Richard G. Ferguson, who was awarded a diploma in 1984, was praised for arranging a photographic exhibition "of high quality and with a firm intellectual base."

Mr. Ferguson is working at the Mawson Institute of Antarctic Research in Adelaide on research into the photographs taken by Frank Hurley on the Australian expeditions to Antarctica led by Sir Douglas Mawson.

The exhibition, The Hurley-Mawson View of Antarctica: A Contemporary View, was produced by the University's Art Advisory Committee in the Great Hall. It was largely based on the collection of Hurley's photographs held by the Mawson Institute. interspersed with the old prints were 'rephotographs' which Mr. Ferguson took during three Australian expeditions to the Antarctic.

Mr. Ferguson has, in addition to being on the voyages to the Antarctic, done research in England, Norway, Sydney, Melbourne and Canberra. He has written a 70,000-word manuscript which examines the relationship between Hurley and Mawson. (They were together on the 1911-1914 and the 1929-1931 Antarctic Expeditions).

Opening the exhibition, Mr. Chawner said Mr. Ferguson was a keen student of photography at the former CAE, as well as being an adventurer, who explored distant places, like Mt Kosciusko, and took panoramic photographs.

Mr. Chawner said the exhibition was a reminder of the adversity experienced by Hurley, who used glass plate photography in the Antarctic. Although technology had advanced greatly since the early days of Antarctic exploration, the distance and the climate remained unchanged and Ferguson had been able to draw out how Hurley felt.

Illustrating their way to success

Three art students who are specialising in plant and wildlife illustration have just won major prizes in a national competition conducted by The Australian Entomological Society.

The competition attracted entries from throughout Australia, including those of 30 art students at the university.

The art students named in the winning list are:

Black and White Section - First Prize
Jeff Nagle for his illustration of a Bronze Orange Bug. Jeff is in the third year of the Bachelor of Arts (Visual Arts) course.

Black and White Section - Second Prize
Peter Marsack for his illustration of a Belid Weevil. Peter is studying for his Graduate Diploma in Art.

Colour Section - Second Prize
Sonya Naumove for her illustration of The Orchard Swallowtail Butterfly. Sonya is in the second year of the Bachelor of Arts (Visual Arts) course.

Professor Jonathon Majer, congratulated the three winners and also commended the university on the general standard of its entries.

Jeff received $200 for his first placing while Peter and Sonya both received $100 each for their placings.

Head of the Department of Design at the University, Ms Chris Sanders, said the stature of the competition was improving each year.

"The standard of the work was of professional quality and the comments of the judging panel are very encouraging for the students," said Chris.

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Letter to the Editor

Dear Editor,

I wait breathlessly for each new issue of THE BULLETIN to follow the continuous saga of the University as reflected in reports to the Council.

In recent weeks we have heard from the Deputy Vice-Chancellor, Planning, no less, that the "time to act is while the crisis is upon us," What crisis? Where? I can only assume that the planners actually looked out of a window recently and saw something that had obviously been hidden to the rest of us for the last decade.

Now this was probably due to the wholesale de-greening of the University of recent times, or perhaps to the fact that they are now occupying new suites with a better view of the campus and have the advantage of looking down from a loftier position.

Whatever the reason, one hopes that they were still prevented from seeing the ultimate horror - the sight of a student's (ugh) car parked in their reserved space.

I trembled all over some weeks later as the University "stood on the banks of the Rubicon" till an academic colleague pointed out to me that the die had been cast long ago and that the University was already under attack from its own generals.

I wait now for the issue reporting the Vice-Chancellor's address to the Council on February 28, 1992, announcing record enrolments and enhanced prestige of the University while outside lecture theatres overflow, fights break out in the car park and a jaded staff trudge off home after a long day.

A lone senior administrator rises to his feet from his well padded chair and to a silent Council delivers his report on the forward planning for 1992. "Caesar (Vice-Chancellor) beware the Ides of March."

I can wait.

John Foster, Department of Physics

The Editor,
University of Newcastle Bulletin,

Dear Editor,

I was watching an old video of Raiders of the Lost Ark over the weekend for the 99th time. You remember - every academics' dream - the bit where Marcus tells Indiana Jones that the government wants him to find the Ark of the Covenant. I tried to imagine what the dialogue would have been like in 1991.

"Well we have to cover your lectures. Part-timers come expensive at this time of the year... What do you mean an Outside Study Programme? You'll have to take leave without pay or long service leave to fund a replacement!... No! Annual Leave and Sick Leave are totally out of the question. My dear chap, by all means go and talk to Les but he'll ask: 'Do you want to apply for Professional Academic Leave, Staff Development Leave, a Conference Fellowship or an innovative Placement?'

In retrospect, Sir Humphrey, of Yes Minister fame, would have made a great university administrator!

Dr Roger Coldwell, Department of Curriculum Studies.
Research Grants for 1991

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

Closing Date

+ DITAC Bilateral Science & Technology Program
Support for international research collaboration on projects which contribute to Australia's industrial, scientific or technological capabilities. September 19, 1991

+ Fulbright - Australian-American Educational Foundation
For study, research, lecturing in the USA. Postgraduate Student & Postdoctoral Fellow:
Professional: October 5, 1991

+ The Australian Sports Medicine Federation Research Awards Scheme
Young Investigators Award, Medical Students Prize, Best Conference Paper Award & Best Journal Article. September 20, 1991

+ Bureau of Immigration Research Grants
Support for immigration-related research September 20, 1991


+ NSW Cancer Council Travel Grants-in-Aid September 23, 1991

+ NSW Cancer Council Awards for Postgraduate Education and Training in Oncology September 23, 1991

+ Research Management Committee (R.M.C.) Project Grants September 30, 1991

+ The Foreign Research Invitation Program (JAPAN)

+ Australian Academy of Science Scientific exchanges with China - 1992/93 November 22, 1991

FELLOWSHIPS AND CONFERENCES

+ ARC Australian Research Fellowships (Industry) September 19, 1991


+ Frederick White Prize Up to $3,000 for research in the Physical Sciences September 26, 1991

+ 1992 Gottschalk Medal To recognise distinguished research in the medical or biological sciences by younger scientists. September 26, 1991

+ 1992 Pawsey Medal To recognise outstanding research in experimental physics by younger scientists September 26, 1991


+ Robert S McNamara Fellowships Program Support postgraduate research in areas of economic development December 10, 1991

+ National Campaign Against Drug Abuse No Closing Date

+ DITAC Access to Major Research Facilities Program, to facilitate travel to major research facilities overseas. Apply at least seven weeks before date of intended travel. No Closing Date

+ Education and Training Foundation. No Closing Date

+ BHP Community Trust. No Closing Date

+ RADGAC Department of Community Services & Health. Medical research and targeted research areas No Closing Date

+ Research Management Committee Travel Grants. No Closing Date

+ Research Management Committee Research Visitors. No Closing Date

= Child Accident Prevention Foundation of Australia. No Closing Date

= Telecom Research Funding. No Closing Date

+ Wellcome-Ramaciotti Research Travel Grants. No Closing Date

Information on the above grants is contained in 'NEWS' on the VAXcluster.
Further information and relevant application forms are available from the Office for Research - telephone 21 5305.

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University of Newcastle Students' Art Gallery

Watt Space, the University of Newcastle students' art gallery is two years old and is certainly growing up and finding its feet in the Newcastle gallery scene.

The gallery has just celebrated its second birthday with a party at the opening of its latest exhibition, 'Postcards from the Edge' which commenced last week.

The exhibition featured original postcards which were judged by the founding curator of the Children's Museum, Museum of Victoria, Dianne Beevers. Dianne is a Melbourne artist with particularly strong ties with Newcastle.

All original postcards will be for sale so a visit to Watt Space would be worthwhile to view the wealth of tiny images and wonderful jewels to collect and treasure.

The exhibition continues until Monday, September 16.

Watt Space, 11 Watt Street, Newcastle NSW 2300
Telephone 29 3900, 216258, Gallery Hours: 12 noon - 6 pm Thursday to Monday.

University Conservatorium

Concerts this Month

SATURDAY, 7 and SUNDAY, 8 SEPTEMBER 10am to 4pm
UNIVERSITY CONSERVATORIUM AND FACULTY OF MUSIC OPEN DAY
As part of a promotion of University life and work, we open our facilities for inspection and information and for a series of concerts from 10am to 4pm each day.

SUNDAY, 8 SEPTEMBER, 2pm, ABC FM SPECIAL
The second concert in a series broadcast live throughout Australia and presented by radio ABC FM and the University Conservatorium

THURSDAY, 12 SEPTEMBER, 1.10pm
Elizabeth Powell and Phrangeon Davies (piano duo)

SUNDAY, 15 SEPTEMBER, 2pm ABC FM SPECIAL
The Amadeus Ensemble led by Rob Johnson

MONDAY, 16 SEPTEMBER, 8pm
Nigel Butterley and Friends - a presentation of his own works plus music by Ramin, Debussy, Faute, Schubert.
To be followed by buffet supper.

THURSDAY, 19 SEPTEMBER, 1.10pm
Ian Cook (clarinet)
Rosemary Saunders (voice)
Catherine Davis (piano)

MEET THE COMPOSER THURSDAY, 19 SEPTEMBER, 6pm.
The premiere of a new series where five of Australia's celebrated composers will talk about and perform their own works and the music of Australia. Supper to follow.

SUNDAY, 22 SEPTEMBER, 2pm ABC FM SPECIAL
David Bolland and The Queensland Quintet

WEDNESDAY, 25 SEPTEMBER, 8.15pm
MUSIC VIVA SERIES
Trio di Milano, Music by Haydn, Schumann, Shostakovich.

THURSDAY, 26 SEPTEMBER, 1.10pm
Elizabeth Dilley (organ)

MEET THE COMPOSER THURSDAY, 26 SEPTEMBER, 6pm.
Larry Sitsky is the guest composer in this evening's lecture/recital

SUNDAY, 29 SEPTEMBER, 2pm
ABC FM SPECIAL, Michael Dudman, first Australian Artist-in-Residence at Sydney Opera House and Dean of Music at Newcastle University conservatorium, in the final concert of this series.
CAR WASHING SURVEY

This survey will be used educationally by students enrolled in Enterprise Development (MGNT313) where we are currently involved in a project to open a franchise. Your cooperation in completing this survey will be appreciated.

Please deliver, or forward via the internal mail, the completed survey to the Management Department (West Campus).

Do you own or regularly drive a car?  

Yes  No

In which suburb do you live?  


How often do you wash your car?  

More than once a week  

Once a week  

Less than once a week  

Never

How is the car normally washed?  

At home  

Drive through carwash  

Car detailers  

Other (specify)

How much does it currently cost to wash the car?  


Are you satisfied with the current washing method?  

Yes  No

Why/Why not?  


Would you consider an alternative method of car washing if it was environmentally friendly and produced better results at an affordable price?  

Yes  No

Have you heard of Car Lovers Carwash?  

Yes  No

If yes, where did you hear about it?  


Have you used a Car Lovers Carwash?  

Yes  No

Where?  


Were you satisfied?  

Yes  No

Why/Why not?  


Would you use a service station and/or petrol station located on campus? please tick boxes

If your car is parked on campus would you:

- Buy petrol [ ] yes [ ] no
- Have regular services carried out [ ] yes [ ] no
- Have minor repairs carried out:
  - Car wash [ ] yes [ ] no
  - Tune ups [ ] yes [ ] no
  - Transmission service
- Have a major service/repair carried out [ ] yes [ ] no

What sort of vehicle do you park on campus:

- Motorcycle [ ]
- 4 cylinder car [ ]
- 6 cylinder car [ ]
- 8 cylinder car [ ]
- Other ____________________________ (please specify)

What sort of fuel does your vehicle use:

- Super [ ]
- Diesel [ ]
- Hi-Octane Unleaded [ ]
- Unleaded [ ]
- LPG [ ]

How much money would you spend on fuel on a weekly basis:

- Less than $5 [ ]
- $16 - $25 [ ]
- More than $35 [ ]
- $5 - $15 [ ]
- $26 - $35 [ ]

From where do you travel to university

Which university gate do you most use:

- East gate (Edwards Hall) [ ]
- Main gate [ ]
- Back gate (Electricity Commission) [ ]

Would you be more inclined to use the services if they were offered at a discount [ ] yes [ ] no

Are you

- A student [ ]
- A member of staff [ ]
- Other [ ]

This is a survey by students of MNGT313 Enterprise Development. The completed report will be a public document available for implementation by any interested party. PLEASE COOPERATE by completion and return to the Management Department or send via internal mail.

Environmental issues will be explored in this report.