Getting it together

Two new bridges have enabled completion of the footpath from the Shortland Union to the Chancellery, effectively shrinking the Callaghan campus to an area more suited to pedestrians.

The Vice-Chancellor, Professor Morgan, officially opened the bridges on March 23. The path, through the bushland of the creek, has been cleared with a minimum of disturbance to the trees.

The link road, joining the creek area and the Shortland Union, complements the bridge from Engineering Hill across the same road.

Completion of the path is expected to reduce the number of pedestrians dodging traffic to cross the link road.

The path should also reduce the problems faced by people who use wheelchairs.

Running past the Chancellery, the new path will improve access to the administration, in its new central location, for staff and students alike.

1992 Budget

"The University is financially secure and well placed to meet its future commitments and responsibilities." These were the words used by the Bursar, Mr Brian Penfold, to describe the University's financial state when the University's budgets for the 1992 calendar year were presented to the University Council at its February meeting.

Council approved the budgets and the University's financial statements for the year ended December 31, 1992. The financial statements are now being audited by the Auditor-General and will be published as part of the University's 1991 Annual Report.

The Operating Budget provides the recurrent funds for the University's operations. This Budget totals $106 million most of which - some $82 million - is for payment of salaries and related expenditure for the University's academic and general staff.

1992 will see record enrolments at the University. Total enrolments, both full-time and part-time are expected to exceed 14,500.

Newcastle is the largest "regional" University in Australia.

1992 will also see, despite the recession, a continuation of the growth of the numbers of University staff. Estimates of permanent staff numbers in 1992 are academic 720, general 918. In addition many other staff are employed on a part-time or contract basis for specific purposes.

Commenting on the 1992 Budgets, Deputy Vice-Chancellor, Mr Lance Hennessy, said that "the investment of over three-quarters of the University's operating funds in its staff contributed to the University having staff of very high calibre. Students benefited from the investment through the University's high teaching and research standards."

Mr Hennessy also expressed concern about one aspect of funding. During 1991 the Australian Industrial Relations Commission awarded pay increases to academic staff ranging from 16 per cent to 20 per cent. These increases are to be phased in over several years - from 1991 to 1999. The Commonwealth Minister for Higher Education and Employment Services, Mr Peter Baldwin, has pledged the Commonwealth to meet the full cost of the academic pay rise. However, through the complicated supplementation formula used by DEET, the University is only receiving 84 per cent of the cost of the increase. Mr Hennessy believes "this University is being penalised for investing more resources in its academic staff than other Australian universities." Newcastle will spend 47.75 per cent of its 1992 Operating Budget on academic salaries. However, Continued P2
DEET only is supplementing the University on the basis of an “average” university which only spends 40 per cent of budget on academic salaries.

Mr Hennessy said that negotiations were taking place with DEET to obtain full supplementation for the academic pay increases. In 1992, the unsupplemented cost is partly being met from the Vice-Chancellor’s Discretionary Fund. This Fund’s main income is from earnings from investments. “With the declining investment income from lower interest rates, supplementation of the academic pay rise from Discretionary Funds can not be sustained indefinitely,” Mr Hennessy added.

Notwithstanding this difficulty, there was plenty of good news in the budgets for the University.

Major building projects approved and to be funded by the Commonwealth were:

- Learning and Education Technology Building, $4,470,000 (estimated total cost), 1993 (estimated completion).
- Student Residences, $750,000 (estimated total cost), 1993 (estimated completion).
- Industrial Design Building, $2,300,000 (estimated total cost), 1994 (estimated completion).
- Technology and Environmental Management Building, $5,400,000 (estimated total cost), 1995 (estimated completion).
- Refurbishment of McMullin Building, $750,000 (estimated total cost), 1992 (estimated completion).

The University will, wherever possible, use other available funds to “top up” the Commonwealth funding to ensure that the buildings best meet the University’s needs.

Other good news is that “special” programs have been able to be continued and expanded. These include:

- Research Support - Funding from the Commonwealth to the University increased by over 20 per cent in 1992 and now totals almost $6 million. The provision enables substantial support to be given to Australian Postgraduate Research Awards and for research grants to academic staff.
- Access and Equity - The University is able to expand its activities in this area. Support for Unilink and the Newstep Program will continue and a new Learning Assistance Program will be commenced.
- Aboriginal Education - The University has a target to enrol 130 Aboriginal students in degree courses in 1992. “Wollotuka”, the University’s Aboriginal support unit, will expand its activities during 1992.
- Environmental Studies - Support for the work of the Centre for Environmental Management continues in 1992.
- Teaching Excellence - A program to promote and improve the overall quality of teaching in the University through the establishment of a Teaching Excellence Grant Scheme and a Teaching Prize is to be a feature in 1992.
- Law Library - Substantial additional funds have been provided to enable the law collection to be expanded to support the new Bachelor of Law degree.
- Central Coast Campus - Further funding, including a special infrastructure grant of $500,000 from the Commonwealth, has been allocated to expand the Central Coast Campus. Enrolments at Ourimbah of 750 equivalent full-time students are planned by 1995.
- Work-Based Child Care - Funding totalling over $500,000 has been allocated to provide work-based child care for University staff; 49 child care places are expected to be available in 1993.

Housekeeping matters were not overlooked. The Budgets also provided increased allocations for equipment, minor works and maintenance including moneys set aside for major longer-term maintenance to buildings and roads.

The 1992 Budgets show that despite the recession the University is financially sound and continues to expand its student population and its staff. There is every reason in 1992 for the University to have the positive outlook of its motto I look ahead.

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Gentlemen and Barristers

A member of the Department of History’s academic staff has published a book which has created a considerable amount of interest.

The book by lecturer, Dr David Lemmings, was launched in conjunction with a book by fellow staff member, Hilary Carey, at a small function held in the Department recently.

Dr Lemmings’ book, “Gentlemen and Barristers. The Inns of Court and the English Bar 1680 - 1730” deals with the changes that took place in the legal profession during the late 17th and early 18th century in England.

It traces the decline of the ‘quality’ of law students and the so-called ‘flight of the gentry’ from the inns of court, the traditional places of law education. Dr Lemmings argues in his book that this ‘flight of the gentry’ was an illusion.

“The decline of the inns of court marked the emancipation of the legal profession from its medieval and largely anachronistic institutional base. Barristers learnt the tricks of the trade largely without institutional guidance, and it is during this period that one can discern the origins of the system of pupillage,” David says.

“It was at this time that the bar became smaller, more professional, more lucrative,” he says.

David, who teaches British History, says the history of law is a special interest and is now in the process of writing a second book, this one dealing with barristers and English society in the 18th century. For this second book he is collaborating with Professor Wilfred Prest from the University of Adelaide.

He has also written numerous articles about Law and Society and presented a paper to the British Law and History Conference held at Oxford last year on the independence of the judiciary in the 18th century, a subject of enduring interest in Britain, the United States and Australia.

An area of particular interest is the history of how women have been treated by the law, particularly with regard to the laws affecting marriage and the control of property. He is currently researching marriage and the law in the 18th century with particular reference to Hardwicke’s Marriage Act of 1753, a statute of enormous significance for women at that time.

Hidden Danger in Honeysuckle Development

Urban renewal of the Honeysuckle area of Newcastle poses a grave threat to the city’s most disadvantaged residents, according to Dr Hilary Winchester and Dr Phillip O’Neill, of Geography.

In a paper submitted to the House of Representatives Standing Committee for long-term strategies on urban settlement, they argue that the glittering image of urban renewal may disguise less appetising problems of efficiency and equity for the city.

The 4,000 people who live no more than one block away from the area proposed for redevelopment include above-average percentages of elderly people, single parents and people of Aboriginal and Torres Straight Islander descent.

An above-average percentage of nearby residents are labourers, process workers and plant operators, and that the percentage unemployed is also well above the city average.

The danger of urban renewal in such an area is that it could bring in its wake gentrification and the displacement of the existing population, either by the demolition of residences or through an escalation of property values and rents.

Dr Winchester and Dr O’Neill argue that a development geared towards gentrification may improve the standing of the central area, but would be inefficient and inequitable for the city as a whole if it displaced large numbers of already disadvantaged people, excluding them from access to services.

What is required for efficient and equitable development, they argue, is a mixture of housing types and tenure as part of the development.

Catering for groups with special needs - such as students, the elderly and single women - would renew the inner city population base, optimise the use of currently under-used resources and maintain the goal of social equity while providing a better urban future for inner city residents.

The development of a Darling Harbour “consumer site” would exclude disadvantaged residents from its activities.

Because the existing residents are among the least skilled of Newcastle’s population, they would even find the greatest difficulty competing for jobs in such a development.
Fightback attacks young unemployed people

The Opposition’s Fightback policy is a major threat to education, training and employment opportunities for young people, and in particular the young unemployed.

Higher Education and Employment Services Minister, Mr Peter Baldwin, described the package as an insult to young Australians.

Mr Baldwin said the Opposition displayed amazing hypocrisy by shedding crocodile tears for young unemployed people whilst pushing for the abolition of the CES and the Youth Access Centres which are specifically set up to help young people find work.

"The coalition’s plan for young people includes abolition of the Youth Bureau within the Department of Employment Education and Training, which administers programs specifically designed to assist disadvantaged and unemployed young people."

"In doing so they would place in jeopardy programs such as the $100 million dollar Youth Social Justice Strategy. By contrast, Fightback offers absolutely nothing."

"The Opposition would also cut labour market program funding by at least $140 million dollars, and deny the Job Search Allowance to people who have been unemployed for more than nine months," he said.

"On top of that, they are determined to introduce full fees for all university courses and make funding changes which will result in 100,000 fewer TAFE places.

"These measures will only increase youth unemployment because many thousands of young people just won’t be able to afford university and they’ll miss out on TAFE as well.

"Right now, the number of young people who cannot find work is far too high. The government acknowledges that this is a serious problem.

"That’s why we are continuing to increase post compulsory education and training opportunities which will greatly improve their job prospects."

"This includes $13 billion for universities over the next 10 years, and a major funding increase to TAFE.

"At the same time we are increasing funding for labour market programs such as Jobskills and Jobstart, and emphasising assistance for people who have been unemployed for long periods."

Mr Baldwin said the Government regarded the long-term unemployed as people requiring special assistance, unlike the Opposition which would cut off the Job Search Allowance and forget them altogether.

"Really, if the Opposition had any compassion at all for unemployed people, especially young unemployed people, it would not be pushing the sort of cruel and iniquitous policies offered in Fightback!"

Mr Nicholas Brown would like to see closer ties between our city and his - Newcastle-Upon-Tyne.

Mr Brown, Member of Parliament for Newcastle East, visited the University recently as part of a brief visit to Australia.

He met the Vice-Chancellor, Professor Morgan, and asked to meet a local historian. Dr John Turner was happy to take the opportunity to discuss the history of the city with Mr Brown.

Mr Brown said he was pleasantly surprised by the size of the city, and the bushland setting of the campus, were unexpected features, he said. The Tyneside university is in the centre of a much more densely populated city.

Our University has about twice as many students as the University of Newcastle-Upon-Tyne, although the University and Polytechnic there would together cater for as many students as our main campus.

Barristers (From P3)

David says he is pleased that 'Gentlemen and Barristers' has been well reviewed in the British scholarly press. They describe it as a model of precise research, succinctly and lucidly expressed. They comment that "he has applied himself to a mass of published and unpublished material with the effectiveness of a combine-harvester and his skill and industry will set the standard for future research on the Hanoverian bar".

Making industry smarter

An engineer course led by a philosopher?

It is part of a unique (needless to say) postgraduate degree course the University is offering to help make Australian industry smarter, called the Master of Engineering Science in Industrial Systems.

Designed by Assoc. Professor John Chambers and Professor David Hill, the course offers engineers working full-time in industry a Master's degree. The degree is by coursework but has a major project related to the student's workplace.

Students spend two blocks of one week each at the University each semester during the two-year, part-time course. They take away assignments on the theoretical side of engineering. They also have to work on their major project when back at their respective industries.

"It is a form of technology transfer," according to Professor Hill. "The students have a supervisor for the project where they work, and a co-supervisor from the University.

"We are finding out what the problems are in the real world of industry, and they are finding out how our research can provide them with practical solutions."

For the first semester this year, students are examining the relationships between engineering and the environment, and their course is presented not by an engineering lecturer but by Professor Cliff Hooker who, although he teaches in Philosophy, also has a PhD in Physics and a strong interest in technology in society.

The MEngSc (Industrial System) course was developed in response to a perceived need in major industry, which was voiced by the Electricity Commission of New South Wales (now Pacific Power).

With the development of the Advanced Technology Centre on campus, the University has a close relationship with Pacific Power which made it easier for the Industry engineers to find academics with whom they can discuss technical problems and together find solutions.

While the majority of students are still from Pacific Power, the course is open to engineers - or others; not all the students are engineers - from other industries, such as steelmaking and aluminium smelting. What the industries have in common is they are all large complex Industrial Systems.

Core subjects are maintenance management, condition monitoring, engineering economics, technology and the environment and the major project.

The economic element, and the emphasis on maintenance and condition of plant, result from the perception that a major factor in industrial development over the next 10 to 20 years will be the difficulty of obtaining capital for investment and the need to keep existing industrial plants running very efficiently for longer periods of time.

For economic and environmental reasons, it will be highly desirable for industry to extend the effective life of its plant.

Another important element in the course is the development of the engineer's capacity to communicate, with his or her professional peers, with academics and other advisers, and with colleagues in the workplace.

The study blocks at the University provide engineers who often have to work alone on their professional problems an opportunity to come together with academics and other engineers in a new environment where discussion of problems is encouraged.

Former University Chaplain now Archdeacon

A former Chaplain to the University has been appointed as Archdeacon of Australia by the Anglican Catholic Church. He is the Venerable James Bromley, Rector of St. Hilda's Anglican Catholic Church in the Westlakes suburb of Teralba.

Father Bromley was announced in March by the Metropolitan of the Anglican Catholic Church, Archbishop William Lewis, following a meeting of the Church's international College of Bishops held in Palm Beach, Florida, United States of America.

Archdeacon Bromley holds two degrees (BA and BEdStud) in this University. His career in teaching and educational administration included a three-year term as head of the Anglican Education Commission in Argentina and the Falkland Islands.

After enrolling for further study in 1978, he served as Anglican Chaplain to the University from 1980 to 1984, and as Warden of Convocation from 1984 to 1986.

However, his active involvement in the University has continued unbroken since 1978, as he is now approaching a decade of service on the Board of the Hunter Postgraduate Medical Institute, and is also a member of the University Conservatorium Foundation.

An unusual set of works by leading Australian painter and sculptor, John Winch, was donated to the University by Archdeacon Bromley some years ago. A valuable component of the collection in the Auchmuty Library, it rarely fails to evoke a variety of comments (not all of them ecclesiastical!) from those who pause to examine it.

Archdeacon Bromley
Uni half makes national side

Mr Anthony Ekert

Anthony Ekert, of Engineering, has won a gold jersey by being named halfback in the Australian team to contest the Hong Kong Sevens tournament this year.

Anthony, who was deputy to the Australian captain Nick Farr-Jones in last year's New South Wales team, was given the opportunity to make things hot for other halfbacks during longer-than-usual selection process this year.

The selectors watched tournaments at Penrith, Sawtell, Terrigal and Tuggeranong before the side was picked.

The coach of the World Cup-winning Australian side, Bob Dwyer, said the selections for previous Sevens sides had depended on a player's reputation for the 15-a-side game and a hope that he might convert to Sevens.

This year's preparations had allowed new players to show their ability, he said.

New players in the team for Hong Kong this year alongside Anthony are the Test breakaway Willie Ofahengaue, of Manly, Wallaby winger John Flett, of Randwick, former national schoolboy fullback Tim Kelaher, also of Randwick, and the Sydney University backrower Jim Fenwicke.

Bob Dwyer said Anthony was a very impressive player in Sevens tournaments last year but the selectors had been unwilling to take a punt on him at that point.

"He still needs a bit of refinement but he has the hallmarks of being terrific," the coach said.

"Of all the Australian players at Tuggeranong (the last contest before the selections), he was probably the man of the tournament."

The Hong Kong Sevens is the biggest international Sevens tournament, pitting national teams and stars from Europe, the Pacific, Asia, and the Americas against each other. It will take place on the weekend of April 4 and 5.

After considerable delays, work is now well underway on the final stage of construction of four new synthetic grass tennis courts for the Sports Union. Earthwork and relocation of water mains were completed in 1990 and late last year Daracon Engineering Pty. Ltd. won the tender to complete the project.

The courts are being laid on a heavily reinforced concrete base, with a 10,000 denier "Everten" synthetic grass surface. The complex will now consist of eight tennis courts, an outdoor basketball/volleyball court, an existing shelter shed and a new tennis shelter shed which is being constructed by T.J. & E.J. McGlynn Pty. Ltd. Tenders have also been let for lighting of the new courts and lights and power services for the shelter shed. The total cost of the development will exceed $400,000.

The new courts will help satisfy the increasing demand for courts on campus. The extra court space has also permitted the Sports Union to modify the existing four hardcourts for use for competition standard netball and tennis. Weather permitting, the courts will be ready for day time play by mid-April and night play mid-May.

The Sports Union recently accepted a tender from Hunterlec Pty. Ltd. for the electrical and civil works associated with upgrading of the existing power supply to the Sports Pavilion and the supply and installation of new light columns and lights at No.1 Oval. The project is estimated to cost $157,000. The work, which commenced in October 1991, was completed during January. The incandescent floodlights and low poles which had been in use for over 20 years being replaced with 30 metre poles and modern lights. The new lighting system will provide top-class lighting for training and night fixtures.

The University, on behalf of the Sports Union, recently invited architects to express interest in a commission to prepare a staged master plan for a sports complex at the Callaghan campus. The complex will incorporate the existing Auchmuty Sports Centre building and when completed, will accommodate the University Sports Union, the Sport & Recreation Department and fitness, recreation and health related activities of some academic departments.

It is envisaged that facilities for sports science, fitness testing, sports medicine, physiotherapy and human performance studies will ultimately be incorporated into the complex. The aim is to develop a blueprint for the systematic construction of an attractive, yet highly functional, sports complex in stages over a 15-20 year period. The master plan should be completed early this year with construction of the first stage commencing in 1993.

The Sports Union is helping restore the arboreal character of the Callaghan campus through the planting of several hundred trees. The Sports Union believes that the trees will not only provide a useful windbreak in future years and a better visual backdrop for people playing sport but also significantly beautify the campus.
Farewell Alan Husband

Professor Alan Husband has taken up an appointment as Professor of Veterinary Pathology in the Faculty of Veterinary Science at the University of Sydney. He will also be Head of the Department of Veterinary Pathology.

This department provides undergraduate courses to students in veterinary science in both basic and clinical pathology related to veterinary species as well as postgraduate training for higher degree students and teaching in postgraduate diploma courses.

The University of Sydney has recently purchased a building from CSIRO which is located adjacent to the Veterinary School and this will become the new premises for the Department of Veterinary Pathology once refurbishment is complete.

Professor Husband believes there is a number of factors about the Newcastle Medical School which have contributed to his success in this appointment.

Firstly, during the 11 years he spent at Newcastle, he was able to develop a reputation for high-quality research in immunology in both man and animals. This is attributable, to a large extent, to the active promotion of research output and the support for research activities provided by this medical school.

The emphasis on collaborative research which has been prevalent at Newcastle also allowed him to establish a diversity of interests, particularly, with regard to the role of behaviour and immunity and this has particular applications in veterinary medicine where these interests will be further developed.

It also became clear to him that his involvement in an innovative teaching program was highly regarded and there are moves to incorporate some aspects of Newcastle’s educational philosophy into the rather traditional program currently operating in the veterinary course at the University of Sydney.

Crystals and Gems

Have you ever been fascinated by displays in museums or jewellers windows? Would you like to know more about crystals and gems - where they occur, how they occur, what properties make them attractive, how they can be cut?

If so, the course Crystals and Gems - An Introduction to Gemology is for you.

Conducted by the Department of Community Programmes, and to be held at The Elephant Shop, 567 Freemans Drive, Cooranbong, on six Wednesday evenings from April 8 (7 to 9 pm) the course will be taught by Dr Slade St.J. Warne, Honorary Associate of the Department of Geology and an experienced gemologist.

For further information please contact the Department of Community Programmes at (049) 21 5551.

Student from Nairobi Completes Cycle

Charles Omwandho’s arrival at the University of Newcastle to pursue his PhD completes an interesting cycle for Associate Professor Tim Roberts, of Biological Sciences.

Charles’ supervisor during his Master’s research at the University of Nairobi was Professor A.G. Tumboh Oeri, who was himself Professor Roberts’ first PhD student. Tumboh is now Associate Professor of Biochemistry and Associate Dean of the pre-clinical departments of the Faculty of Medicine at Nairobi.

His first “crop” of doctoral students are now studying in different parts of the globe.

Charles Omwandho’s thesis work relates to the immunological mechanisms which allow pregnancy to occur. He is initiating this work by investigating the nature of antibodies bound to the placenta of sheep.

Duke of Edinburgh’s Gold Award

The Department of Geology is proud to report that one of their second-year students, Ms Wendy Timms, has been awarded the Duke of Edinburgh’s Gold Award.

The award, which is available to any young person looking for challenge, adventure and personal development, was presented to Ms Timms at a ceremony on February 19 at Government House, Sydney.

Young people attempting the awards are encouraged to learn through experience and to enjoy themselves in the process. However, a degree of self-discipline, enterprise and effort is a basic requirement.

The Gold Award comprises four separate sections, namely Service, Skills, Expedition/Exploration, Physical Recreation and a Residential Project.

To achieve her award Ms Timms:

- Helped raise funds of $12,000 for literacy development in Third World Countries, by cycling approximately 1,000 kms from Cooranbong to Byron Bay.
- Acted as a counsellor for a church youth group.
- Obtained her driver’s licence.
- Went orienteering - competing in events and training (jogging) through the bush near her home.
- Went for a four day “survival” expedition in the Doyle’s Creek area (near Jerry’s Plains) with a group of three others.

Ms Wendy Timms

The Duke of Edinburgh’s Gold Award Project.

Charles Omwandho and Associate Professor Tim Roberts
The Central Highlands of Tasmania form a region which the student can study at the frontiers of scientific knowledge on the environment and at the same time enjoy the experience of being in one of Australia's most beautiful areas. These attractions led the Geography Department to organise its Third Year field course in Physical Geography to the region in early February. The party consisted of 51 persons who flew from Sydney to Launceston early on 7 February, and after brief stops in Launceston and Deloraine in northern Tasmania, proceeded by coach to Cradle Mountain. The party was organised into four groups of 12 or 13 persons. Each group would, under the instruction and direction of their leaders, trek for six days along the Overland Track from Cradle Mountain in northern Tasmania to Lake St.Claire in central Tasmania, a distance of about 90 km. The party was set to benefit from and enjoy the most adventurous field excursion ever organised by the department.

The aims of the excursion were to give students the opportunity to observe and record features of the natural environment as they traversed the varied landscape of mountain, plateau and valley, with its great variations in alpine and subalpine vegetation communities, and to record and analyse the variations of weather that we experienced during the trek.

These activities can best be summarised by explaining that the landscape of Central Highland Tasmania consists of a great variety of rock types of which the most notable are ancient Precambrian quartzites, Permian sandstones and Jurassic dolerites. The ancient quartzites have been worn down by geomorphological processes to form very extensive erosion surfaces into which the rivers of western Tasmania have become incised by renewed mountain uplift. The Permian sandstones represent the debris from the demise of a huge ice sheet that covered Tasmania and extended throughout eastern Australia up to the Hunter Valley some 270 million years ago, when Australia formed part of the continent of Gondwana. Other evidence of past glaciation abounded in the cirques, glaciated valleys and moraines observed. These were formed during several phases of glaciation in the Pleistocene Period when considerable areas of central and western Tasmania were ice covered. The Jurassic dolerite, which forms the Central Plateau of Tasmania, occurs in a series of mountain summit and isolated plateau outliers in the Central Highlands. Its towering columns of rock add to the stunning beauty and majesty of the major summits of Cradle Mountain, Barn Bluff and Mt.

Ossa - the highest peak in Tasmania. They also remind us that the Tasmanian dolerites are the same as the ferrar dolerites of eastern Antarctica and emphasise Australia's former geological and geomorphological connection with Antarctica.

As students descended from some of the peaks and plateaux they trudged through areas of alpine field, alpine grassland, alpine and subalpine heathland, native conifer heath, native conifer woodland, snowgum woodland and mountain rainforest. These and other communities contain species of plants that not only remind us of the severe ecological conditions with temperatures down to -20°C, glazing storms, cold air drainage, waterlogging and fire, but also the close connections that many of the plants have with Antarctica, South America and New Zealand.

In the alpine field, we observed the New Zealand species of cushion plant Donatia novae zelandiae, while in the native conifer heath we observed several species endemic to Tasmania including the creeping pine Microcachrys tetragona which forms forests of 20 cm height. In the remnants of native conifer woodland the 10-15 m high pencil pine Athrotaxis cupressoides, which lives for over 1000 years, has provided a tree ring and palaeoclimatic record from the highlands. So far this is the longest record in the Southern Hemisphere. The Tasmanian snowgum woodland is similar in structure to that in the Snowy Mountains, but is formed by the species Eucalyptus coccifera, rather than by E. pauciflora. A notable shrub of the subalpine woodland and upper montane rainforest is the Tasmanian endemic deciduous beech Nothofagus gunnii which turns a beautiful golden colour in autumn, has its nearest living relative species in Tierra del Fuego and has recently been found fossilised in Antarctica. Apart from the eucalypts these species are all evolutionary descendents of the former Gondwanan flora that through continental drift has become dispersed and diversified into the Circum-Antarctic floral elements of the southern continents.

The excursion commenced in beautiful sunny weather with clear skies, cool nights and warm days, as two high pressure systems followed their normal easterly moving summer tracks centred on 40°S. Our instrumental records showed night temperatures between 4-9°C and day temperatures of 17-20°C with very little wind. Our meteorological measurements also showed that relative humidity was high in the morning as the cold air was close to saturation with values of around 90-95%. However, it dropped relatively quickly during the morning as the air became heated. Unfortunately, in the tracks of the "Roaring Forties" high pressure is never likely to be sustained for 6 days and on the 4th day cloud and rain, associated with low pressure front conditions, arrived. After 36 hours the weather improved and the excursion was completed under moderate south-westerly winds and cloudy but bright weather conditions which are fairly typical for the area in summer.

The success of this field course was most regretfully marred by the accidental death of our fellow student Mr Robert Jeffrey Foote. On Tuesday 11 February when the weather had deteriorated and the party had decided not to climb Mt. Ossa, an event that most people were looking forward to, some of the group that Rob Foote was a member of decided to view the spectacular falls and incised gorges at the head of the Mersey River. During this sortie Rob slipped on a steep, moss-covered slope beneath native beech forest, could not regain his footing and fell down a 45 m cliff into the river gorge. Despite his extremely courageous action by the leaders and others in his group nothing could be done to save his life as the fall had killed him instantly.
Highlands of Tasmania

Robert Jeffrey Foote came to the University of Newcastle from Mt. Druitt. His parents, Lorraine and Jeffrey, and younger brother, Michael, are humble people of gentle personality working to gain a living in these difficult times. Robert was the first member of the family to come to university, and his coming was clearly at considerable sacrifice to the family. He was one of only three students in his year at school to go on to university. He had clearly done so because he realised the future benefits he would have through obtaining a higher education, and because he had also consciously turned his back on excesses of alcohol, mortgaged V8 cars and other social traits that many of his school peers had aspired to as soon as they could leave the educational system. Instead, Robert had sought interest and pastime in the bush as a keen bushwalker, and had looked forward enthusiastically to the Tasmanian trip which was his first trip outside New South Wales. During the days before the accident Robert, probably as much as any student on the excursion, was enjoying the grandeur of the scenery, the intellectual challenge of understanding the interwoven mesh of factors that had contributed to the evolution of the environment, and the companionship of his fellow students.

I know that all persons on the trip, members of the Geography Department and his many friends throughout The University of Newcastle were deeply saddened by Robert's untimely death while participating in his studies. The many persons with whom I have spoken not only expressed both personal loss at his passing, but also personal gain in having known a quiet, intelligent person whose future aspirations were similar to their own. Through his accidental death Robert Foote has inadvertently passed on to a wide body of students a much better understanding of the meaning and value of life, and his memory lives on.

The students and staff of the Geography Department have decided that they would like the name of Robert Jeffrey Foote always to be remembered within the department in which he was studying. Fittingly, they have initiated the Robert Jeffrey Foote Memorial Prize to be awarded to a Third Year student in Physical Geography each year. Donations to the prize may be made to the Cashier of the University or to the Secretary of the Geography Department. The Appropriation Number is 70 811 326 920. Donation forms are available from the Secretary of the Geography Department, telephone 215080.

Eric A. Colhoun
Professor of Geography

New and Valuable Tradition

The Vice-Chancellor, Professor Morgan, welcomed members of the University who attended the University's first Prayer Breakfast, in the Tree Tops Room of the Union. About 80 staff and students attended the prayer breakfast on March 5. Professor Morgan said it was the season for him to be welcoming people, but he felt a prayer breakfast was a proper way to start the academic year and that he welcomed it as a new, and valuable, tradition.

Mr Bill Smith read the following blessing and he was accompanied on didgeridoo by Michael Davison.

Blessing of Our Land

Blessed are you 'Byamee' (Lord God)
Maker of all the universe
Creator of all creation
"Butta Waa Goo-yu" (Big Boss)
The maker of the sun, stars, skies, rains
Wind, earth and all that lives within it.

All glory and praise are yours
Bless the people of this community
'Help' and 'Teach' us to live together
in harmony in our 'Land' as one,
because who can own the 'Land'
for the 'Land' is our 'Mother'.

'Byamee' (God) is present in all creation
by his powers, strength and spirit.
There is nowhere on earth within our 'Land'
Where you can hid from 'Byamee'.
He sees us and knows our every thought
So take care and let the spirit of the
Land breathe (for it is alive and breathing).

He reaches out to his creation
and 'helps' us wherever we are.
He sees us and knows our every thought
So take care and let the spirit of the
Land breathe (for it is alive and breathing).

He reaches out to his creation
and 'helps' us wherever we are.
Stop and listen (be still).

We welcome you
you care and share with one another as
one with the 'Land'.

We are in your hands Byamee (God),
For who can own something
that is a part of us.

We welcome you to this 'Land',
our country,
Our Father's and Mother's spirit joining hands with young.
For we love you all
Our spirits are now one and you are safe.
Exchange Students from Tokyo

For this year two students from Kumamoto University and three students from Tokyo Kasei University have arrived for their one-year and half-year study respectively. The students from Kumamoto University are studying in the Faculty of Arts and are taking subject such as Linguistics, Philosophy and Drama whilst those students from Tokyo Kasei are studying in the Faculty of Education and are taking subject such as English, History and Home Economics. The exchange students are staying at Edwards Hall.

Professor K. Ono, Head of the Department of Modern Languages, says that it will be good if these students have opportunities to visit private homes during their stay in Australia and anyone interested in accepting them in their homes for a few nights should directly get in touch with them at Edwards Hall.

In exchange for these students from Japan, Ms Diana Mainprize is currently studying at Kumamoto University and Ms Rosa Di Santo, Ms Charlene Love and Ms Alison Plater at Tokyo Kasei University. In the second semester three other students will be arriving from Ube College and in return three students from this University will be sent to that College for their half-year study experience.

Professor Ono said that a Japan Centre will be established at this University with a view to promoting exchanges of staff and students with Japanese institutions and to serving as a regional resource centre in the Hunter area. At present a joint project has been proposed by this University and the Department of School Education, Hunter Region, for a special DipEd program for graduates from Japan to train them as teachers of Japanese. Those successfully completing the program will be employed in schools of this region.

Japan comes to NOMAD

Professor Don Parkes' visits to Japan to display and explain his NOMAD system have been followed by a visit to the University of Newcastle by JETRO, the Japanese External Trade Organisation.

Mr Yoshinori Date, Deputy Managing Director of JETRO, Sydney, was accompanied by Mr Greg McCarthy of the Information Services Department, also of JETRO, visited the Vice-Chancellor, Professor Morgan, and Deputy Vice-Chancellor, Mr Hennessy, on March 16.

With Professor K. Ono, of Japanese, to welcome him, Mr Date also toured Professor Graham Goodwin's engineering laboratory and examined the NOMAD equipment in Professor Parkes' rooms.

He was delighted to find a speaking version of NOMAD programmed in Japanese, and was also surprised and pleased to learn that the University has about 600 students enrolled in Japanese language studies.

Professor Parkes recently demonstrated the NOMAD system, which enables the visually impaired to "read" pictures, maps and other images, at Kobe in Japan. It was one of the few foreign displays to capture Japanese media exposure.

The NOMAD system, which Professor Parkes developed with Mr Richard Dear within the Institute of Behavioural Science, has attracted worldwide attention.

JETRO is the arm of the Japanese Government charged with the unusual (by Australian standards) task of redressing the nation's trade imbalance by finding ways of increasing imports into Japan.

Sociology & Anthropology Seminars

March 31: Nanette Davis (Portland State University, Oregon) will speak on Assessing Risk Factors, Networks and Intervention among Female Street Youth.

April 14: Dr Mitch Dean (Sociology, Macquarie University) will speak on A Genealogy of the Government of Poverty.
CHALK HILL by Allan McFadden, Dir. Allan McFadden, Playhouse, HTVC, March 4 to 28.

Reviewed by Marea Mitchell

Chalk Hill deserved to go down well in a town full of educators, and did.

The script's lively wit satirised the economic pressures building up on educators, where cluster dusters begin to look more like managing directors than teachers, and school prizes are no longer named after benefactors but sponsors. The two left-wing teachers, associated with the Teachers' Federation, were gently parodied. After Teachers' Federation, were selling off the school playing fields, and the domestic science block was being turned into a holiday complex.

Attempts to summarise the plot make it sound rather feeble, and while this wasn't the most profound of plays, it was the fast, amusing and topical. As so often, how to end the play looked like it was going to be a problem, partly because having caricatured educational policies and responses there was nowhere much to go, if you wanted to steer clear of serious politics. The way out was imaginative, deliberately contrived, and one of those moments of Brechtian defamiliarisation which introduced a different note into the play. The self-conscious playing around with ideas was entertaining and kept interest alive.

While there were a few minor fluffs in the performance that I saw, which was surprising given that the play had been on for a week, generally the acting was very engaging. Peter Carmody and Barry O'Conner as the devious but incompetent Cluster Director and Head respectively, gave sustained and amusing performances, as did Barry Shepherd and Kath Leahy, representing the Teachers' Federation and the forces of truth and light. Frank Garfield must have had a particularly difficult job switching between three roles, but skillfully presented these different personae.

One particularly delightful scene occurred in which Garfield as Shuffles the school caretaker is summoned to see the Head, and transfers from one side of the stage to another in slow motion and size 10 wellies to the sound of Ravel's Bolero. (What else can anyone think of to do to that tune?) Scenes like that enlivened the play, and testify not only to the wit of the script but also to its execution, where imagination and a light, self-conscious touch worked well. An enjoyable and amusing evening, even if in some ways the play was probably preaching to the converted about the exigencies of education today.

HENCEFORWARD... by Alan Ayckbourn, Department of Drama production.

Reviewed by Marea Mitchell

Welcome back ... to the future.

Not a fan of Ayckbourn's, I was pleasantly surprised by this play whose domestic dilemmas are located in an unspecified future, where "daughters of darkness" and "sons of bitches" rule, and if that's not okay, who's going to do anything about it? The context is vague: post apocalypse, post holocaust? Reassuring, however, is the fact that nothing quite works properly, especially not Nan, the out of date nurse-machine.

Reassuring, but also worrying, in this vision of the future is the very contemporary nature of the problems on which the play centres.

Divorced man, four years later, regrets lost experience of watching his child grow up, and endeavours to regain access to her, having taken her and her mother for granted when they were around, as providing the stable background against which his creative urges could develop.

The mother, having joined the ranks of the democrats, is a bank manager, and none the happier for it, finding it very difficult to get a man; is this because she's a successful career woman, or because she's a bank manager?

Husband/father, meanwhile, languishes, shorn of his creativity, fantasises about re-establishing contact with his daughter, imagining her as she appears in his last video-recorded 'phone call from her: 10 years old, long-haired, and feminine. Reality, alas, is somewhat different: she has gone with the strength, joined the "sons of bitches," and looks, as her once admire father puts it, like "a transvestite truck driver." Ah well, them's the breaks.

And there's the rub, as young Hamlet once said. If this play is supposed to be set in the future, presaging, albeit humorously, things to come, then they also look remarkably like things already here. The play is, at least partly, about gender relations: man is creative, misunderstood but sincere; woman is the shrew, seeking independence but not really able to deal with it. Man is technological, inquisitive, adventurous, but is not happy; woman takes over those positions once esteemed valuable by men, imitates man, and isn't happy.

Where's the rub? Back to the inadequate past. The solution proposed is reunification, back to the nuclear family; however, technological man stays with the future, to be lost and lonely forever. In this sense, the play does not live up to the promise of the first act; the second act being highly confused, almost back to the Ayckbourn face, which I knew and didn't love.

The actors here (Paul Makeham, Foveaux Kirby, Sue Porter, Allyson Holbrook, Damon Eggleton, Alexandria Emeljanow, Danielle Dixon) are uniformly good. In particular, the development and dissolution of the relationship between Zoe (Porter) and Jerome (Makeham) in the first act was subtle and well done. The way in which the central female characters - Zoe the actress, Corinna the wife, and poor old Nan the robot - are interchanged and portrayed by Porter and Holbrook is interesting and well executed. Here, there are intimations of interesting points to be made about the representation and stereotyping of women.

The ostensible theme, concerning technology, seemed a little lost at times, and the set seemed to be more well-worn than futuristic high-tech. However, this was an interesting play, best in those moments, for me, when substance triumphed over farce, deteriorating towards the end.

POST MIX

nicole arblerster
david burgoyne
leigh dennis
danny giles
marion giles
ruth goodwin
peter majdandzic
maria mason
faye neilson
anne riley

Invite you to the opening by Ross Woodrow of POST MIX
@ 7.30 pm Thursday 26th March
at Watt Space
11 Watt Street, Newcastle,2300

Exhibiting from 26th March to
13th April, 1992

Watt Space is funded by the University of Newcastle Union and the School of Art Design and Architecture
Major Report on the Impact of Pesticides in River Environments

A major report, summarising current studies of 'The Impact of Pesticides on the Riverine Environment with Specific Reference to Cotton-Growing' was released last month by the Cotton Research and Development Corporation and the Land and Water Resources Research and Development Corporation.

Copies of the report (prepared by Barratt, Purcell and Associates of Narrabri and the CSIRO Centre for Advanced Analytical Chemistry) and further information can be obtained by Dr Phil Price, Executive Director, Land and Water Research and Development Corporation, GPO, Box 2182, Canberra, ACT 2601. Telephone (06)2573579, Fax (06)2573420 or Dr Diana Day, Director, Land and Water Research and Development Corporation, Centre for Environmental Management, Room 320, C.I.S. Building, The University of Newcastle, University Drive, Callaghan. 2308. Telephone (049)215556 Fax (049)216909.

Guy Woolfenden lecture/demonstration

The Department of Drama is delighted to have as its guest the distinguished composer, conductor and Director of Music of the Royal Shakespeare Company, Guy Woolfenden - but for one day only.

Mr Woolfenden has written over 150 scores for the Royal Shakespeare Company and, as well, music for film, radio and television. His musical version of The Comedy of Errors won the Ivor Novello and Society of West End Theatre Awards for the Best British Musical.

He has composed and directed music for plays at the Comedie-Francaise, the Burgtheatre, Vienna, the Teatro di Stabile, Genoa and the National Theatre, Bergen. He has arranged and directed the music for two three act ballets for the Australian Ballet - Anna Karenina and The Three Musketeers - and has recently arranged the music for the London City Ballet's new ballet La Traviata.

As a conductor Mr Woolfenden has worked with most of the major British symphony orchestras and his operatic work includes three productions with the Scottish Opera and the first British production of Nielsen's Saul and David and Tchaikovsky's Maid of Orleans.

From introducing the very young to the joys of the concert hall, running workshops for young composers, to delivering his informative and hilarious lectures about music in the theatre all over the world, audiences are captivated by his imagination, practical musicianship and sense of humour.

Mr Woolfenden will give his extraordinary lecture/demonstration, Alarums and Excursions - a Talk about Music in the Theatre, in the Drama Theatre on Wednesday, March 25 at 11 am.

Admission is free and further information can be obtained by telephoning the Department at 21 5001.

Lost Property

There are TWO lost property offices on the Callaghan campus.

One is the security patrol office in the foyer of the Great Hall. The other is the office of the Proprties division, in the foyer of the Hunter Building.

If you have to hand in any property you have found, take it to the nearer office.

If you are looking for lost property, and can remember where it might have been mislaid, try the nearer office but, if it is not there, don't give up: it may be at the other.

And, if you are advising anybody else about lost property, please remember there are two offices.

FRIDAY 10TH APRIL, 1992 at 8PM
GREAT HALL, UNIVERSITY OF NEWCASTLE

Tickets: $25 Adults; $17.50 Concession; $10 Children
Available from Hunter Orchestra Office by phone on (049) 29 4305 or Civic Theatre Chargecard (049) 29 2261
The Hunter Orchestra is assisted by grants from the Australia Council and from the N.S.W. Government through the Ministry of the Arts

Conductor: ROLAND PEELMAN

DALE BARLOW
One of the World's Most Exciting Jazz Players and his Trio
with
THE HUNTER ORCHESTRA

"WHEN DALE BARLOW PLAYS, THE WORLD LISTENS!"

"The PWCS FASCINATING RHYTHMS!!"
Vlase Nikoleski's water sculpture will shortly be completed, finishing the landscaping in front of the Chancellery.

Funds for the landscaping were contained within the initial grant for the building from DEET, and the water sculpture was commissioned after Leighton Constructions generously offered to pay for major artistic piece to mark their construction of such an important Newcastle building designed by Rodd Hay Craig.

### How can you be Sunsmart?

On Tuesday, April 7, the University Health Service is having a Skin Safety Awareness Day. There will be a display area set up in the foyer of the Shortland Union with representatives from the University Health Service, the NSW Cancer Council and the Health Promotion Unit to answer any questions.

Free samples will be available.

There will be an opportunity for you to have any moles or spots that are concerning you checked by one of the doctors from the Health Service.

What are the signs and symptoms of skin cancer?

- any lump, sore, ulcer or scaly patch on the skin which does not heal within four weeks.
- a mole which shows any of the following: change in colour; change in size, shape or direction of growth; tenderness or pain; bleeding on touching or rubbing; development of scaling, crusting, mottling of colour or ulceration and surrounding skin goes red or swells.

Do not hesitate to show your doctor any skin changes that look trivial - the earlier skin cancer is identified the easier it is to treat.

### Trivia (trivia), sb. pl. 1902. [mod.L., pl of L. trivium (see TRIVIUM), infl. in sense by TRIVIAL a.] 1. Trivialities. 2. sb. sing. 1992. Competitive quiz game, freq. accomp. by alcohol, in Hunter Union Bar. April 3. Involves teams of four to eight players entering at $5 per head, proceeds to the Smith Family. Prizes include $240 to winning team, special trophy to best Uni Dept, other prizes. Begins at 7.30 pm.

### Pat the Pratt

I think I will park here in the bushes where I will be close to where my lecture is.

Hey there! Pat the Pratt up to his old tricks again, let's give it to him guys!

By J Glenfield

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### Human Resources Committee

In August, 1991 the Council of the University established a Human Resources Committee which meets bi-monthly to pursue its character of establishing comprehensive policies in relation to Human Resources. The Committee, chaired by one of the two lay members of Council, includes one academic staff-elected member of Council, the general staff-elected member of Council, the EEO Co-ordinator, the deputy Vice-Chancellor (Academic), the Deputy Vice-Chancellor (Administration) and the Deputy President of Academic Senate.

The committee has achieved significant progress already, gaining the Council's support for a program encouraging staff to undertake further study. Details of this program will be released in the near future.

While specific and individual staff concerns already have appropriate forums for inquiry and resolution, the committee is interested in hearing from staff and staff groups on broader issues related to staffing policies to enable it to fulfil one of its terms of reference in keeping the Council informed on current staffing matters. The committee can be contacted through the Secretary, Ms C. Wood, Level 2, Chancellery.
For Sale
1988 Silver-grey Hyundai Excel GL, five-door hatch, excellent condition, new tyres and is very economical to run (registered until October). Asking price: $8,000 or nearest offer. Please telephone (065) 77 6156 evenings or 21 6559 (business hours).

One set of Subaru roof or luggage racks in good condition, $40; one double bedspread (fawn/lemon Sheridan Swan design) with matching curtains 2,300 x 2,900cms as new, $50 complete. Please telephone 58 2240 before 8 am or after 4.30 pm.

For Rent
Furnished cottage in Hamilton. Convenient to Uni buses and Beaumont Street shops. Full usage of one bedroom, large lounge/dining room, large kitchen and carport. Excellent opportunity for mature person (over 25 years) and non-smoker. Available from April, 1992 to January, 1993. Please telephone 61 3941 after 6 pm.

One bedroom fully-furnished unit in Shoal Bay. Only 350 metres from the beach, shops, national park and is close to bus stop. Everything supplied (including linen). This unit sleeps four and is only $16 per night per person. Please telephone 81 2487.

Sigma auto sedan, good cond, mag wheels, $3,000. Telephone Noel on 6112 or at home 67 1059.

Dear Editor,
It was pleasing to see (Bulletin, Vol. 1/92) that Council has approved the proposal for a work-based child care centre. The University has fallen well behind other institutions in recognising the need for such a facility, and indeed in recognising the benefits that work-based child care brings to the institution.

It is worth pointing out that the success of the proposal owes a great deal to the work of the EEO Unit and the Child Care Action Group. Particular praise is due to Ms Alethea Taylor, Assistant Co-ordinator of the EEO Unit. In 1990 she convened a meeting of concerned staff, and formed the Child Care Action Group from among those attending.

Since then she has done the lion’s share of the Group’s work, both in information-gathering and in organisation, to bring matters to the point where Budget Committee, Finance Committee, and Council have all agreed that work-based child care is both necessary and affordable.

Ms Taylor’s work has been facilitated by Ms Susan Jones, the EEO Co-ordinator, and, recently, assisted by Ms Vicki Petersen, the Child Care Advisory Officer appointed by Professor Ken Dutton, the Director of Affirmative Action and Equal Opportunity.

The EEO Unit seems to have more than its fair share of knockers. Now let there be praise where praise is due.

Simon

Office for Research

The following research publications are available for short term loan from the Office for Research:


The following research publications are available from the Auchmuty Library:


No Set Closing Date (From P15)
RADGAC - Department of Health, Housing & Community Services
Medical research and targeted research areas.
Research Management Committee Travel Grants
Research Management Committee Research Visitor Grants
Wellcome-Ramaciotti Research Travel Grants - Available to postdoctoral bio-medical researchers.
Further information and relevant application forms are available from the Office for Research - telephone 215305.
This list is also circulated to all Heads of Departments on a fortnightly basis.

18 March 1992
Ms L McBriarty
Assistant Secretary

KLW Secretarial Wyong
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### Granting Body

**Australian Biological Research Study 1993 Grants**  
Limited funding for current programs: publication of the Flora of Australia, the Fauna of Australia and the Zoological Catalogue of Australia.

1 April 1992

**The Cancer Council Travel Grants-In-Aid**  
Grants to meet the costs of travel to attend overseas conferences where abstracts have been accepted for presentation of work; attend an overseas institution to receive a period of training (up to 3 mths) Max $2,500.

5 April 1992

**Task Force on Alcohol and Other Drugs in the Workplace**  
Workplace Demonstration Projects.  
The Department of Health, Housing & Community Services.

6 April 1992

**NSW Education & Training Foundation.**  
Grants for Innovative Vocational Education & Training Programs.

6 April 1992

**Joint Coal Board Health & Safety Trust**  
Invites applications for research grants in the field of occupational health & safety in coal mining.

20 April 1992

**DITAC Bilateral Science & Technology Programs**  
For activities commencing in the period 1 Jan to 30 June 1993, with the USA, Japan, Germany, France, Peoples Republic of China, USSR, India and Mexico.

20 April 1992

**National Multiple Sclerosis Society of Australia**  
Support for research relevant to MS.

21 May 1992

**Criminology Research Council**  
Support for research projects which are likely to produce results of relevance for the prevention and control of crime throughout Australia.

2 June 1992

**Australian Kidney Foundation**  
Grants-in-aid for medical research.

5 June 1992

**Department of Prime Minister & Cabinet Co-operative Research Centres Program (Round 3).**

17 June 1992

**Clive & Vera Ramaciotti Foundations**  
Grants are available in 1993 for specific projects in medical research, particularly new fields.

20 June 1992

**Arthritis Foundation of Australia** - Ten research grant schemes are administered by the Arthritis Foundation, ranging from seed ing grants to grants in specific areas, eg osteoporosis, lupus, Pagets Disease.

24 June 1992

### Fellowships, Conferences and Prizes

**Fogarty International Centre - International Research Fellowships.**

United States Public Health Service. To undertake research in health related fields, in any biological or medical laboratory in the USA.

22 April 1992

**NH&MRC Public Health Travelling Fellowships**

To enable Fellows to make postgraduate study tours abroad or within Australia.

5 May 1992

**Arthritis Foundation of Australia**  
- Five types of fellowships available, tenable in Australia, USA, Canada, UK.

24 June 1992

Also three scholarships available.

### No Set Closing Date

**The British Council Travel Grant Scheme**  
Under this scheme British specialists are assisted to visit Australia. Approx 100 travel grants are awarded each year.

**The British Council Academic Links & Interchange Scheme (ALIS)**

Provides international airfares for the staff of universities and other degree awarding bodies in Australia and Britain to visit each other.

**The British Council Visitors Scheme**  
Intended to assist Australian professionals on visits to the UK.

**The Institution of Engineers Australia-International Conference Support Scheme**  
Support for selected international scientific, technological or engineering conferences.

**National Campaign Against Drug Abuse.**

**DITAC Access to Major Research Facilities Program**  
To facilitate travel to major research facilities overseas. Apply at least 7 weeks before intended date of travel.

**NSW Education & Training Foundation**

**BHP Community Trust**
Music Happenings

Music, lectures, concerts, study - we are in full swing at the Faculty of Music, with a large intake of eager new students and the welcome return of "old" faces.

We warmly welcome all our staff and students to this exciting new year and although bursting at the seams for space, we are at last seeing an end to our earthquake repairs. Despite some major setbacks with rebuilding in 1991, the greater part of the scaffolding is coming down and all work should be completed by June.

New staff members joining the Faculty this year include, Mr Anthony Jennings from New Zealand who will lecture in Musicology and Harpsichord, Ms Catherine Milligan from Queensland, Lecturer in Cello, Mr Gerald English, who will tutor in Voice, and Ms Jocelyn Gardner and Ms Bronwyn Hughes who will join our Early Childhood Music Department. The Faculty is very privileged to have such talented people become a part of our music life, and together with the already established and excellent reputations of our staff we look forward to a great year of teaching and concert performance.

The 1992 concert program was recently launched by the Vice-Chancellor, Professor K.J. Morgan, in the presence of local dignitaries including the Mayor of Lake Macquarie, Alderman Doug Carley, Mr John Peschar, University Chancellor and former Deputy Chancellor, and foundation members of staff from 1952. It was also an opportunity for the University Conservatorium to celebrate its 40th Birthday, having first opened its doors on February 22, 1952.

This year's concerts include a special Subscription Series of eight concerts, featuring the finest of Australian talent, such as the contemporary group, Symeron; The Canberra Chamber Orchestra; organist, Michael Dudman; contralto, Katherine Capewell, and The Messiah.

Our regular Thursday Lunchtime Concerts, and the free "Sunday Interlude" Series at 2 pm on the first Sunday of the Month continue. We also present a number of free lunchtime concerts in the University's Great Hall, commencing with the fabulous Newcastle ensemble, "Just Brass" at 1.10 pm on Wednesday, March 25. Don't miss out on these great concerts!

If you would like more information about our Concert Program, or activities at the City campus, please telephone Wayne Sheean at 214133.

Wayne Sheean.