New records for University's graduation

Graduation 1990 set new records for the University.

Degrees, diplomas and certificates were conferred upon more than 2000 people by the Chancellor, Justice Elizabeth Evatt.

The new graduates were the first admitted to awards since the proclamation of the University of Newcastle Act (1989) last November, establishing the amalgamated institution.

On April 7, a separate graduation was held for the Faculty of Music (formerly the Newcastle Branch of the Conservatorium of Music).

Conferring of degrees ceremonies for the seven Faculties and six schools at Shortland (the old University and the former Hunter Institute of Higher Education) were combined on May 11, 12, 18 and 19. It was necessary to hold eight graduations - two each day.

The new graduates received loud applause from their families, relatives, University staff and friends when they received awards after several years of study.

An estimated 10,000 people attended the Great Hall ceremonies.

The first new graduate was Miss Norshidah Abdul Majid, of Malaysia, who was admitted to a BComm degree.

Eight days later, Dr Gloria Ross Webb walked across the stage and received her PhD, becoming the last new graduate for 1990.

The Chancellor played a leading part in Graduation 1990. She officiated at every one of the graduations and personally congratulated all recipients of awards.

The Vice-Chancellor, Professor Keith Morgan, was also busy, delivering nine addresses on the state of the University.

Included in the awards were 86 higher degrees (Masters and PhDs) and 71 Graduate Diplomas - also a record for the University.

At every one of the ceremonies, one of the candidates admitted to degrees responded on behalf of the candidates.

Eight people were admitted to honorary degrees - the largest number for any graduation except the Bicentennial Graduation in 1988, when 11 people were honoured.

An honorary degree of Doctor of Science was awarded to Professor Ray Chambers, retired Professor of Accounting at the University of Sydney, in recognition of his outstanding contribution to teaching and research in accounting.

Mr Ted Flowers, former University Librarian, had an honorary degree of Doctor of Letters conferred upon him in recognition of his long career as a local government and university librarian.

Mr Warren Derkenne was awarded an honorary Master of Arts degree for his contribution to rugby, rugby...
administration, optometry and the University.

An honorary degree of Doctor of Engineering was presented to Mr Bruce Thomson, AO, Chairman of several peak authorities associated with shipping and coal marketing and Chairman of the University's Institute of Coal Research.

Dr Alan Hewson, Clinical Lecturer in Reproductive Medicine at the University and a member of the Board of the Faculty of Medicine, was awarded an honorary degree of Doctor of Medicine for his achievements as a practitioner and a researcher in the fields of obstetrics and gynecology.

This year men eclipsed women in the list of recipients of University Medals. They not only achieved first class honours but also displayed outstanding ability in the subject. Medallists are:

- Michael Ostwald, of New Lambton (Architecture); Linden Drzyzga, of Tingara Heights (History);
- Wylie Bradford, of Medowie (Economics); Peter Austin, of Kotara South (Chemical Engineering);
- Peter Ward, of Newcastle (Civil Engineering); Richard Mazzaferrri, of Cooranbong (Computer Engineering);
- Steven Chadban, of Merewether (Medicine) and Lynne Rankin, of Eleebana (Science).

Rapturous moments were created at the commencement of particular ceremonies by the playing of the University Conservatorium Brass Ensemble (Mr Robyn Fischle, leader), the University Conservatorium Choir (Mr Michael Dudman, leader) and the University Choir (Father Peter Brock, leader).

At the invitation of the Chancellor, the new graduates, their relatives and friends "took tea" in the Union following the graduations. In the Union there was a great deal of camera-clicking, kissing and hand-shaking.

And, to conclude main sessions of the graduation events Graduation Dinner Dances were held in the Union, with music for dancing provided (appropriately in Newcastle) by Housequake.

Approximately 580 people attended the three Graduation Dinner Dances.

The Warden of Convocation, Mr Vic Levi, welcomed the guests and urged the new members of Convocation to be sure to cast their votes in the forthcoming election for four Convocation members of the Council.

The University’s Art Advisory Group, in conjunction with groups representing the Aborigines, is planning a ‘first’ for the Hunter - an exhibition of Goorie art and artefacts and a corroboree.

The exhibition will be held in the Great Hall from October 12 to 16 and the corroboree in the grounds of the University on October 12 at Sunset.

Aborigines (or Goories, as they traditionally identify themselves) from most parts of New South Wales have been invited to submit art and artefacts for inclusion in the exhibition.

The leaders of the groups arranging the double event have informed their 'brothers and sisters' that all the things "we make (paintings, boomerangs, clapsticks, axes, spears, digging-sticks, dilly bags, coolamans, bush jewellery, etc.)" "would be proudly displayed and would be on sale for our white brothers and sisters".

"What we want to put on show is the genuine thing - proud traditional and authentic images, objects, weapons and implements - not the kind of things we just make for tourists (like plywood boomerangs and objects with house-paint decoration, glass/plastic beads, etc.)."

The leaders point out that the University held exhibitions of ancient Greek and Egyptian, and primitive Pacific art this year. "At a meeting of the organisers recently, only one person said he could remember having seen an authentic corroboree. Mr Leonard de Silva, of Armidale, who is 76, said he remembered a corroboree being conducted at Bellinger in the late twenties, or early thirties. He had attended, along with several thousand other people. Corroborees were sometimes described in the writings of the earliest inhabitants of Newcastle.

The corroboree at the University on October 12 will involve about 30 performers in traditional body paint.

Further details of the exhibition and the corroboree may be obtained from Mr Paul Gordon, Cultural Officer, Awabakal Co-op (telephone 67 1765 or 69 2424), or Mr John Armstrong, University Information Officer (telephone 68 7333).
Overseas recognition for Social Work

The Bachelor of Social Work, a four-year degree, will have its first intake in 1991. According to the University's new Professor of Social Work, Professor Brian English, the first intake will be of approximately 30 students and some additional places will be provided in related disciplines, including welfare, for students who may be eligible for advanced standing.

The degree will prepare graduates for membership of the Australian Association of Social Workers and will, consequently, be widely recognised overseas.

Former Senior Lecturer in the School of Social Work at the University of New South Wales, Professor English has filled the foundation Chair of Social Work at the University.

Professor English said the decision to establish a Department of Social Work at this University came at a time when changes were taking place in society, in the planning and provision of social and welfare services, and even in the organisation of tertiary education itself.

He said many ideas taken for granted recently were now under challenge and some had already been abandoned.

"In Australia and overseas, political and economic systems are being transformed as political and social ideologies are changing," he said.

"There is a general movement away from traditional ideas, parties and policies and a new emphasis is being placed on individual responsibility and effort." Professor English indicated that social work education must prepare its graduates to take part in this process of change.

To identify and to promote those things that will greater human well-being, particularly by helping individuals, families and communities to find a sense of identity and to gain access to power and control over their own lives.

"It must also prepare graduates to work with those who face personal or community crises, as the result illness, accident and natural disasters, and with those who are disadvantaged, through deprivation, discrimination, disability, personal characteristics or special condition".

He expressed the view that the greatest challenge facing professional education in any field was to remain relevant to current issues, problems and conditions, without simply succumbing to current facts and passing fashions and thus losing any notion of excellence.

He believed that the University was already demonstrating, particularly in its School of Medicine, but also in other areas, that both relevance and excellence could be achieved by introducing members to people and problems from the very beginning of their courses and combining this field education with campus-based courses and self-directed learning.

Discussing the format of the Bachelor of Social Work degree, he said students in the undergraduate degree would study selected subjects in other departments of the University and would undertake substantial parts of their courses in supervised field education placements in agencies and organisations within the Hunter Region and beyond.

"Special attention will be given in the course to regional issues, problems and population groups and to work in non-metropolitan and rural settings," he said. "However, all graduates will be qualified to practise in any state or region."

The Department also planned to offer postgraduate degrees and continuing education courses for practitioners wanting to achieve advanced skills and those who wanted to undertake research for a Masters degree or a PhD.

Discussions were also underway with other Departments, especially the Department of Social Health and Community Studies, about the possibility of postgraduate courses in social welfare administration.

Professor English outlined the proposals for staff appointments over the next two years as the full program of undergraduate and postgraduate studies was implemented.

"A critical appointment to be made soon will be that of a senior academic to be responsible for developing the field education program; establishing student learning units in community agencies and organisations; and recruiting field, work supervisors amongst professional social; workers in the region. "Leading professionals from the Hunter Region and beyond it will also be employed on a sessional basis as clinical lecturers in the campus based teaching of the department."

Brian English/Es own research interests include social demography; marriage and family studies; and the assessment of social needs and the provision and evaluation of services.

Other staff, to be appointed, would extend the research profile of the department and would, through links already established with Law, Sociology and Health, contribute to regionally-based or relevant research in social, legal and policy studies, as well as undertake research on basic social work techniques and intervention strategies.

Professor English is (temporarily) located in the Department of Education in the Behavioral Sciences Building. Anybody interested in social work education, particularly students seeking to enrol in 1991, are encouraged to contact him to discuss the course.

The elections at a glance

The essential details of the elections for the new Council of the University to be conducted soon:

- Elections to be held for -
  - Two members of the Council who are members of the academic staff.
  - One member who is a member of the non-academic staff.
  - One member who is a student.
  - Four members who are members of Convocation, and
  - The Warden of Convocation.

Nominations have been called closing on June 18 at 5 pm.

The terms of office of the academic and non-academic members is two years and the term of office of the student member is one year.

The Convocation members and the Warden of Convocation have been allotted three-year terms of office.

Voting will begin on July 16 and close on August 24.

The elections will be conducted by means of postal ballots.

The University of Newcastle Art Advisory Group presents

The Art Advisory Dinner on July 27, 1990

Launching of the Art Catalogue, 6.30 pm in the Great Hall
Dinner, 7.30 pm in the Staff House

Guest Speaker
Mr Edmund Capon
Director of the Art Gallery of New South Wales, Sydney

Entry by ticket only, $50 per person
Tickets are available by telephoning 68 5535 (Christa) or 68 5473 (Kate).
For the Myors family it's a case of 106 years separating the child and the great-great-grandmother.

At a Sydney nursing home, Mrs Sophia Myors, formerly of Molong, recently turned 107 (yes 107!). About the same time, Ellen Myors turned one. Ellen is the daughter of Mr Andrew and Mrs Karen Myors, of Wyee. Andrew is a BEng graduate of the University of Newcastle, and Mrs Karen Myors, holding baby Ellen, and (at the back) Mr Andrew Myors and Mr Jack Myors.

The Minister for Science and Technology, Mr Crean, launched the Co-operative Research Centres Program in Canberra on May 28.

The Prime Minister's Science Council formally endorsed the guidelines for the Co-operative Research Centres.

The Federal Government is expected to advertise in major newspapers inviting applications from research institutions, Government departments and agencies and private companies interested in setting up centres.

The Prime Minister, Mr Hawke, announced the Co-operative Research Centres Program in his election policy speech on March 8.

Under the program, the Government will provide substantial additional funding, rising to $100 million per year from 1994-95, to establish up to 50 centres. This funding will be matched by resources from the parties participating in the centres, much of it in the form of staff, facilities and premises.

Mr Crean said he had high expectations of the centres. "They represent a most exciting development in Australian science - one that will both strengthen Australia's research and development (R&D) infrastructure and ensure the nation gets the greatest benefit from its research."

"The aim of the program is to strengthen the linkages between R&D performers and between performers and users. The weakness, and even absence, of these links has been a fundamental flaw in Australia's R&D system."

Mr Crean said that the Science Council had heard presentations on five possible proposals for Co-operative Research Centres. The presentations covered mining technology and equipment; land management; information technology; Antarctic and Southern Ocean environment; and biological growth factors.

Mr Crean stressed that the presentations were only to provide the Science Council with examples of the scope and character of possible centres.

"Any formal applications based on the presentations will not be given preferential treatment. The Science Council will not select the successful proposals. This will be done by the Government on the basis of recommendations made by the Co-operative Research Centres Committee."

The closing date for the first round of applications will be October 31. Copies of the guidelines are available from the Office of the Chief Scientist, Department of Prime Minister and Cabinet, at 3-5 National Circuit, Canberra, ACT, 2600 or by telephoning (06) 271 5209.

Costume Hire

The Department of Drama has a range of costumes available for hire at very reasonable rates from its Wardrobe Section. The Wardrobe Section is situated on the main campus, at the opposite end of the Post Office Building.

Staff are generally in attendance on Mondays, Wednesdays and Thursdays, 10 am to 2.30 pm. Inquiries can also be made by telephoning 68 5705 or 77 1401 after hours.

The University of Newcastle

Staff Bible Study

meets Lunchtime
Tuesdays in LG18 of the McMullin Building between 12.30 and 1.30 pm

All welcome, bring your lunch
Mr. Ted Flowers, who was a recipient of an Honorary Doctor of Letters degree for his contribution to the work of the University Library, said he objected to universities giving favoured treatment to courses in demand by industry and commerce.

Mr. Flowers also spoke out against the 'infestation of greed' and the retention of State Governments.

Giving the Occasional Address at the Architecture/Science and Mathematics/Visual and Performing Arts Graduation on May 11, at which he was awarded his degree, the retired University Librarian said greed now rode hard throughout the world as the fifth horseman of the Apocalypse.

"There is a widening gap between the haves and the have-nots, between outrageous wealth and bleak poverty", he said.

"In the developed countries, such as the United States, Thatcher's Britain and Hawke's Australia, the gap is widening, and can be measured by the mounting hostility to the concept of public good".

In discussing the concept of public good, Mr. Flowers criticised politicians of both parties, who, following overseas models were prepared to yield to the private sector any activity from which profit could be made, regardless of any considerations of public good.

"Information resources are particularly vulnerable to the erosion of public good", he said.

"The private sector, overseas and here, has been quick to pluck the nice little earners from government publication programs. Law Reports, the Census and a large swag of publications of interest to commerce and industry, are turned over to the private sector for resale to the public at prices that put them out of reach of most members of the public, and increasingly, libraries".

Mr. Flowers said that not merely were our public-funded libraries and information systems in jeopardy, but also our whole system of public education.

"As our State Governments run down our public education systems and restructure our public high schools as pre-employment training institutions to the specifications of private enterprise, only the private schools remain to offer a good education - and that at a price many Australian families cannot afford.

"The only alternative? Job training, which should be the employer's responsibility. In the 19th century children were moved from the factory to the classroom; now we were moving the factory into the classroom".

He said Mr. Dawkins, sadly, did not seem immune from employer blandishments.

Universities would either have to give favoured treatment to the courses in demand by industry and commerce or starve across the board.

"If this persists, sooner, rather than later, Australia will fall short of the highest university standards and be host to a spate of tycoon institutions, with supine, but well-paid, teaching staff, producing language-illiterate helots for the maw of industry and commerce, and for its digestive system".

Mr. Flowers also protested about most professional groups, who appeared to have scant regard for their responsibilities to the society that nurtured them.

"The lack of regard from our elite professions for the public has never been as marked as it is now.

"In a recent editorial, The Sydney Morning Herald saw fit to identify Law as our greediest profession. It surely has some serious rivals.

"The quality of professional contribution seems to be measured by how much money one makes, and the quality of life by how much one spends.

"There is a sickness in our society when a Barrister appearing in the High Court on what is a quite unnecessary wrangle between a State and the Commonwealth, makes as much in a day as a high school teacher makes in a month and a half of struggling to educate and bring up our young people".

A panel discussion has been arranged to mark what the United Nations has called its International Day of Observance Against Drug Abuse and Drug Trafficking.

The panel discussion, titled Drug Abuse and Drug Trafficking - Do we Know Enough?, will be held in the David Maddison Clinical Sciences Building on June 26 at 6.30 pm.

The program has been devised by the Hunter Branch of the United Nations Association of Australia in co-operation with several organisations from the Hunter Region.

The speakers for the discussion include: The Hon. Justice Mr. Michael Kirby; Mr. Ted Pickering, the Minister for Police; Senator Bronwyn Bishop; Mr. Bob Carr, the State Opposition Leader; Dr. Michael MacAvoy, the Director of the Directorate of Drug Offensive, NSW; Professor Vaughan Carr, Professor of Psychiatry at the University; Dr. David Sutherland, Director of Clinical Immunology at the Royal Newcastle Hospital and Dr. Romesh Amar, consultant Psychiatrist.

For further information please telephone 69 2305 or 59 5120.
"Back in 10 min" exhibition

Ms Sally Parcell and Mr Colin Lawson admire a work by Studio Craftsperson, Mr Herbert Heinrich entitled "Gloucester Tops Study".

Mr Lawson is also a Studio Craftsperson and has several items in the exhibition of artworks by artists employed by the University as Studio Craftspersons.

The exhibition, which embodies work by a variety of people with technical and artistic backgrounds will be on display in the Foyer of the Art Building until June 8.

Artists participating include Linda Mepham, Ron Hunter, Robert Stow, Giselle Penn, Toni Shuker and Liane Audrins.

New Name for Staff Social Body

The social body of the former Hunter Institute has undergone a name change and elected a new Management Executive following its 1990 Annual General Meeting.

The body was known as the Hunter Institute of Higher Education Staff Association but this was changed at the annual general meeting to the Hunter Building Staff Social Association of the University of Newcastle.

Re-elected President, Dr Paul McGrath, said the name change was necessary because of the amalgamation last year of the Institute, the University and the Conservatorium. He said a slight problem arose in the change of name because a Staff House already existed on campus and that the operations of the former Institute social body centred on the Hunter Building (the main building of the former Institute).

"As a result, it was decided to include "Hunter Building" in the new name and for the Executive to look at the overall social operations of the University in the coming 12 months", Dr McGrath said. "A number of ideas and suggestions have already come forward and discussions with the management committee of the Staff House are likely to be on the agenda."

Members of the Executive are:

President - Paul McGrath (Applied Sciences); Vice-Presidents - Luke Solly (Industrial Technology) and Peter Zimmerman (Maintenance); Secretary - Stella Aubrey (Huxley Library); Treasurer - David Heggart (Property Services); Membership Secretary - Doreen Jenkins (Staff Lounge).

Stella, Luke and Peter are new members on the Executive while Doreen has swapped from Secretary to Membership Secretary.

Mr McGrath said that a number of aspects would be looked at by the Association in the next 12 months in addition to discussions with the Staff House committee. These include a calendar of social activities and provision of services in the Staff Lounge at the Hunter Building.

School of Education Research Seminars

The School of Education will conduct three research seminars in June. The venue will be Room A149 in the Hunter Building between midday and 12.55 pm on the following days:

June 4
Mr Alistair Inglis (RMIT) will speak on Satellite based education.

June 18
Dr John Schiller will speak on The Primary Principal as an agent of change - myth or reality?

June 25
Ms Jill Scevak will speak on Learning in a map-text context

Mr Inglis is attached to RMIT's Educational Research and Development Unit. He is Leader of the EdSat Project (distance education by satellite).

In his seminar Mr Inglis will describe his research on how recognised innovators see the climate for innovation. The work is linked to earlier studies of the EdSat Project in collaboration with Dr Roger Coldwell.

He has interviewed some 30 innovators to discover what precipitated their decisions to become involved in specific innovations, what factors they consider militated against innovation at RMIT and what they have got out of their projects.

"While the results obviously reflect RMIT's special characteristics, there are a number of findings we have made which are likely to apply generally", Mr Inglis said.

Attention Overseas Students

Ms Joanna Thorman, AIDAB Social Worker will visit the University of Newcastle on June 8 between 9 am and 4 pm.

She will be located in the Hunter Building, Student Services Section, in the room next to the Library.

Ms Thorman will be available to see any AIDAB, IDP or private subsidised students regarding personal, health, family or legal problems that may be affecting their studies. All interviews are confidential and free.

For appointment please put your name down in advance, on the appointment list, held at the International Student Office with Ms Catherine Brown, Room A79/A, Hunter Building, or telephone 687691 or 687667.
Campus stopover for leisure expert

Ms Jenny Graham, Head of the School of Health, presents Professor Jack Kelly with a University plaque. Course Director in Recreation and Tourism and seminar convenor, Mr Peter Brown, looks on.

The School of Health recently hosted Professor Jack Kelly, Professor in Leisure Studies and Director of the Office of Gerontology and Aging Studies at the University of Illinois.

Professor Kelly is one of the leading writers in the leisure field and a former Chairperson of the Commission of Research of the World Leisure and Recreation Association.

Speaking on Life in Between: Continuity and Constriction, Professor Kelly outlined his thoughts on the critical significance of leisure for older people at a public seminar, which attracted a varied audience of academics and practitioners from the Hunter Region.

During his two-day visit, he also lectured to students and staff involved in the Tourism and Recreation and Occupational Therapy courses.

During his brief stay, Professor Kelly developed a taste for Hunter Valley wines. He has promised to return to Newcastle in 1991, when the University is proposing to organise a satellite conference on Regional Impacts of Tourism.

The conference will be held in conjunction with the World Leisure and Recreation Association Congress which is held every four years, and is being hosted by The University of Technology, Sydney, in July 1991.

Grant for Special Education Centre

A $50,000 grant to support research into special education has been awarded by the Australian Research Council to the University's Special Education Centre.

The Director of the Centre, Dr Phil Foremen, said the ARC Infrastructure Grant will support the expansion of existing research in areas such as development and evaluation of instructional strategies for people with disabilities.

"The grant will also allow for planned research into the use of computer-assisted learning concept development and in the development of metacognitive strategies". Dr Foreman said.

"The advantage of infrastructure funding is that it can be used to support a variety of research activities and is not tied to a particular project. Academic staff in the Special Education Centre are involved in several research projects which can now be extended though the use of the funding", he added.

The grant results from a submission by the Special Education Centre as part of a broader submission by the Schools of Education and Health.

Inaugural presentation held in the City

Messrs MacMaster and Maguire

After the first of the University's aviation graduates were awarded their diplomas, the first annual wings and prize ceremony was held in Newcastle City Hall.

Attended by 130 students, parents, friends, members of staff and donors or prizes, the ceremony featured certificate presentations for the 39 students who had attained private pilot licences and wings.

The presentation was made by Captain W. Wilkinson, Manager, Base Training, Qantas, who was also the guest speaker.

"The prize winners are:

Mr Mark Thibault - Chris Smith Memorial Prize for demonstrating the greatest degree of skill and professionalism in pilot performance out of the University's first-year students at the Civil Air Training Academy, Cessnock.

Ms Donna Porter - Ernst & Young Prize for the best performance in Aviation I.

Mr John Maguire - The Boeing Prize for Excellence in Aviation, demonstrating the highest level of attainment in both pilot skills and academic performance.

Mr John Maguire - the McDonnell Douglas Trophy for best graduating pilot.

Mr Gavin Jones and Mr David Donnelly - Saville & Holdsworth Psychology Prize for pilot skills and high academic achievement and interest in subjects relating to human factors or psychology.

Mr Maguire, who comes from Jugiong, is the first of the University's aviation graduates to receive his wings on attainment of his commercial pilot's licence. He has been employed by Qantas, continuing a family tradition with the company.

Mr Maguire, who lives at Nelson Bay, is in the final stages of being tested for employment by Qantas.
Dear Sir,

At the Graduation Ceremony on Friday afternoon, May 11, it was interesting to hear the Vice-Chancellor stress the importance the University places on encouraging students to study mathematics, despite all the evidence to the contrary.

But it was gratifying to hear from Mr Ostwald, speaking on behalf of the students, detailing some of that evidence to the contrary: that students come fresh from high school to attend classes in lecture theatres overcrowded far beyond their fire regulation capacity.

More evidence to the contrary came from a graduating mathematics student, who could not understand why the Mathematics Department, with such a large number of students, does not have a professor.

The graduates' lack of understanding had arisen because the Department's professorial chair has been vacant over the student's entire period as an undergraduate.

John Giles

Dear Sir

It is interesting to read about the new dining facilities planned for the Union Building, and they will certainly make eating there more pleasant, as well as more efficient. What is less heartening is that no mention is made of improving the bookshop facilities. Arguably the most important thing in the Union (if we are to take it seriously as a University of 12,000 students and about 1,500 academic staff), the bookshop is crowded into such a small and inadequate space that it is difficult to see how it could actually display even one book per student. Text book sections are small and inadequate, and there is almost no space for other books with which to broaden one's horizons or merely have a good read. Furthermore, much of the time one has to clamber past, or over, cartons and piles of books to get to the shelves - or to the staff, who sit in unhealthy cubbyholes almost hidden by further piles of books and records. In short, it's a disgrace in every respect to the Union and to the University.

Why is this state of affairs allowed to continue from year to year? Even without the latest expansion, there are facilities in the Union which are less deserving of precious space, such as the gift shop (how many gewgaw shops do we need in the community?) and the stationery shop (which has more floor space than the bookshop, for a rather limited stock). These facilities are also available in every shopping centre, while there is no other academic bookshop in the whole region. Isn't it time the Union did something to encourage students to get more out of books rather than merely encouraging the (profitable) consumerism and the other mindless activities that are given space within its walls?

An answer from the Union please!

D. Muoro,
Department of Psychology

Dear Sir

Following recent industrial action called by the PSA, the usual diatribe has started to circulate, directed at both unionists and non-unionists.

I would like to comment on some of the points made by the Chairperson, in the publication *Not the Ad Hoc News*, under the heading 'You're on the Bus and Have You Paid the Fare?' She writes: "Members pay the salaries of paid officials and elect delegates who they trust will represent them". In my opinions, this should read: "Members pay the salaries of paid officials and, in return, expect these officials to act responsibly towards the said members. They also elect delegates who they hope will represent them". Trust surely implies more than just recognition of a name, a face or a passing acquaintance.

My comment is: when industrial action is the only alternative is the one-day strike the only alternative, industrial action? In an era of dwindling unionism and given the type of institution we are in and the break up of unionists versus non-unionists, often in the same workplace, and bearing in mind the "marvellous effectiveness" of past similar stoppages, it seems to me that calling a one-day strike to show outrage is a bit like shooting yourself in the foot and hoping the University feels the pain. Surely overworked union officials can find something more productive to do than managing picket lines against their own members.

The Chairperson writes in *Not the Ad Hoc News*: "Believing in a 'fair go' and paying our way, general staff in this University may like to measure themselves against the standard". If we take a member who belongs to a two-wage household, who hasn't any children and who has extensive assets, and if we compare him with a member who belongs to a one-wage household, who has five children and who is living from pay-to-pay, who makes the bigger sacrifice by relinquishing a day's pay? Are both members paying the same fare for the same bus ride?

However, the question I, and many others, are asking is not, have you paid the fare? Instead, we are wondering:

* Is the fare reasonable for the bus ride question?

* Is the driver competently driving the bus? and
* Is the bus actually heading in the direction it should in order to reach its stated destination?

John Foster
Physics Department

Dear Sir,

I recently returned from an Easter break in Wollongong, where I was impressed by the bus service provided by the BHP for workers at the Port Kembla steel plant. Double deckers carry passengers around the works on a regular basis.

Now that University unification has taken place, there is a great deal of movement between the main centres of teaching. The population of the halls of residence is growing quickly; staff in the Mc Mullin and Hunter Buildings have close links because their departments have been fused; the Library, Great Hall, Union and Staff House are located a long distance from the halls and the Hunter Building, also it is now inappropriate, we are told, to think of a divided campus.

A bus service like the one in Port Kembla would be a boon, particularly when it is raining, and a way of achieving greater campus cohesion.

John Armstrong,
Hunter Building

Dear Sir,

Twice a week some 500 of my Economics I students, have to walk to, and from, the main campus to the Griffith Duncan Theatre across the creek! Most of the walk, several abreast, along the road that runs past the Engineering Faculty. This may be unwise, but there is no path - just dry earth, or mud (depending on the weather). Sooner or later, perhaps on a wet day, one, or more, of these students is likely to be hit by a car with unpredictable consequences. If such a thing happens, it will of course be referred to as an accident. It is, however, the responsibility of the University Administration to prevent such an "accident" by providing a sealed path from the Union and along the southern side of the road. The need for such a path has been evident for several years. Amalgamation has made it a necessity. Either our senior administrators do not walk from one side of the campus to the other, or they do so with their eyes shut.

I look forward to an assurance from our new managerially-oriented Administration that a small project so vital to the safe operation of the campus will be given the very highest priority, even ahead of the $5.4 million new Administration Block.

Howard Dick
Economics Department
Student accommodation building boom

The 1990-1992 Triennium will be a new era of development for University student accommodation.

A major building program worth a potential $7 million will increase the maximum size of residential colleges from the present figure of 480 students to 730 students.

Extensions to International House and Evatt House, and planning the establishment of a fourth residential college, are due to begin as soon as possible.

The Interim Council approved the capital works program at its meeting on April 27.

The council was told that the projects are imperative if the University is to alleviate the acute shortage of accommodation for students.

The extensions to International House and Evatt House will be needed next year to offset the temporary accommodation in University Village, which will be closed at the end of this year.

University Village provides 180 beds. The village was established in the wake of the Newcastle Earthquake to help students who were not able to obtain housing in the city.

Following a request for special assistance from the University, the Minister for Employment, Education and Planning, Mr Dawkins, provided $3 million to boost student accommodation at the University.

In a report to the Council, the Deputy Vice-Chancellor (Administration), Mr Lance Hennessy, said a student accommodation plan for the 1990-1992 Triennium should be developed based on the policies approved in 1989. He said these provided for student residential colleges to be established under their own governing bodies to accommodate 120-150 students. International House and Evatt House had been established on this basis.

Mr Hennessy recommended that the Government's Earthquake Grant, plus $500,000 allocated for 1992, be matched by the University to make a total provision for student accommodation for 1990-1992 of $7 million.

Council asked the Interim Boards of International House and Evatt House to consult closely with the student body and advise the Council on the style and design of the accommodation sought by the Boards.

Subject to a report to the Council, tenders will be called with a view to the University opening as many new units as possible for the 1991 academic year.

Council also approved an investigation into the best form and style of development for Student Resident No.4. It set up a committee, chaired by Professor Ken Dutton, Dean of Students, to carry out the investigation and ascertain if a church might become involved in the project.

Council resolved that not less than $4 million should be made available for the residential college.

It's not good enough to have a degree

On account of the emphasis being given to selection skills when students apply for employment, workshops in resume writing and interviewing techniques have been commenced by the Careers Office.

Students from all Faculties and Schools - and from first year to final year - are able to enrol in the workshops, which are being conducted on Tuesdays between 2 and 4 pm in the Counselling Service and on Thursdays between 9 am and 11 am in Room V03, Mathematics Building. Please telephone 68 5466 to arrange for your attendance.

Our photograph shows organisers Ms Helen Parker and Ms Kate Grimmel with Scott Mallender and Michael Williams.

2NUR appeal tops $220,000

The appeal for funds to build new studios for 2NUR has produced $220,000 in donations or pledges so far.

One of the organisations that have given the appeal a boost is the Universities Credit Union, whose Newcastle Branch Manager, Mr Paul Cootes (centre), presented a cheque for $500.

Others in the photograph are (left) the Manager of 2NUR, Mr Brett Gleeson and Dr Peter Hendry, who was appointed Chairman of the 2NUR Board by the Vice-Chancellor, succeeding Professor Cyril Renwick, whose term of office has expired.

The photograph shows organisers Ms Helen Parker and Ms Kate Grimmel with Scott Mallender and Michael Williams.
Senate committee supervising graduate programs

Professor Ron MacDonald
Deputy President of the Academic Senate, Professor Ron MacDonald, believes that a new era in the training of graduate students in the University has commenced with the Academic Senate's acceptance of a Graduate Studies Committee.

Professor MacDonald explained that changes in the conditions of award and the administration of graduate students resulting from the transfer of responsibility for scholarship holders from the Commonwealth Government to the University had dictated a need to change the oversight of graduate programs.

He said students holding scholarships now signed a form of contract with the University and the University was required to define in more precise terms its expectations of students and the support they could expect.

"The University, in 1989, introduced Guidelines for the Supervision of Research Higher Degree Students", he said. "The guidelines refer to all aspects of a student's tenure at the University, giving guidance to the University's expectations not only of the student but also to the supervisor and the Head of Department. Individual student histories will be better documented, in a standard format allowing each stage of a student's enrolment to be clearly described".

Following amalgamation, Professor MacDonald said, there would be more departments seeking involvement in higher degree studies. In some of these departments there would be a lack of experience in such studies, and possibly a shortage of staff with supervision experience.

"The University's implementation of the guidelines and the movement and expansion of graduate studies, particularly by research, must be carefully monitored, drawing on the experience available across the whole University."

"While the existing Faculty Doctoral and Master Degree Committees can provide the expert discipline oriented advice, the overall monitoring of implementation and standards is not possible under that scheme."

"For this reason, Academic Senate has accepted the idea of the Graduate Studies Committee ", he said.

Professor MacDonald added that regulations to allow dissolution of the Faculty Committees, with the introduction of the Graduate Studies Committee and the possible formation of Faculty or School Sub-Committees, were under preparation and would be placed before the University as quickly as possible.

In the meantime the Graduate Studies Committee was considering the reports necessary to monitor and record the implementation of the guidelines throughout the students' candidature.

Student recipient of Galvanising Industry Award

An award by the galvanising industry in Australia to recognise its continued interest in education has been presented to a Civil Engineering student who hopes to finish his course in Newcastle this year before embarking on further studies in 1991.

Mr Timothy Harrold is in the fourth year of his Bachelor of Civil Engineering degree and won the $500 'Hot Dip Galvanising Prize' for best performance in the third year subject CE325 Concrete and Materials Technology.

The Galvanisers' Association of Australia, as part of its 25th anniversary, established a University award program in 1988. The award, accompanied by a special certificate, is designed to promote awareness amongst future engineers of the importance of corrosion protection and the effectiveness of hot-dip galvanising as a means of achieving that protection.

Mr Harrold was presented with his cheque and certificate by Ms Kerrie Howells on behalf of the Association. Ms Howells is the Marketing Co-ordinator for the Newcastle company, Industrial Galvanisers, and said she hoped the award would increase the awareness of hot dipped galvanising for the engineering sector of her industry.

"In many cases hot dip galvanising can save the total cost of a project in maintenance costs alone and our company at Hexham holds a number of seminars each year to educate the steel industries on the qualities of hot dipped galvanising", Ms Howells said.

"This is the second occasion the Association has made available the prize to University of Newcastle students (the previous winner was Mr Stephen Fityus) and I hope that we can continue to support our future engineers in coming years through the award."

In receiving his prize, Mr Harrold said he thanked the Galvanisers' Association on behalf of all civil engineering students. He hoped to finish his course in engineering in Newcastle this year and then continue his enrolment in the Bachelor of Natural Resources degree at the University of New England in Armidale.

The Head of the Department of Civil Engineering and Surveying, Associate Professor John Fryer, also congratulated Mr Harrold on his effort and thanked the Association for its cooperation in support of students.

He said that Mr Harrold's continued study in Armidale was the result of a combined degree offered by Newcastle and New England Universities in Civil Engineering and Natural Resources. About 15 students were currently enrolled in the combined degree program.

Associate Professor John Fryer congratulates Mr Timothy Harrold on his award from the Galvanisers' Association of Australia.
The drug controversy in sport: contract signed for book

The recent signing of an agreement with Olen & Unwin by Professors Ron Laura and Saxon White for a book on the drug controversy in sport is seen as a landmark in the history of the Hunter Academy of Sport and the evolution of sport in Australia.

Now in manuscript form, the book will be a distillation of the proceedings of the First National Congress of Socio-Ethical and Medical Aspects of Drugs in Sport held in Newcastle last year.

Contributions come from Senator John Black (Chairman of the Commonwealth Senate Enquiry in Drugs in Sport), Professor Arnold Beckett (International Olympic Committee Medical Commission), Dr David Cowan (Drug Control Centre, King's College, London), Dr Robert Goldman (Chairman, Doping Commission USA Amateur Athletic Association), Dr L. Scott-Frazier (Institute of Human Studies), and Professor Vernon Howard (Harvard University).

Professor Laura will write on The Doping Problem in Sport: from Drugs to Genetic Engineering and Professor White on The Needs for and Abuses of Steroids in Human High Performance.

The State Government, together with NIB Health Funds Ltd., have generously provided financial support for the book, and royalties will be returned to the Hunter Academy of Sport for further initiatives by its Education Committee.

Apart from raising public awareness of the problem of drugs in sport on a regional and national basis, the congress outcomes have already been considered internationally. A surprising finding was that the IOC was not working within a documented philosophical framework to guide the behaviour of athletes with respect to performance boosting aids.

Therefore, immediately after the congress, at the Second Permanent World Congress of Drugs in Sport in Moscow, Professor Arnold Beckett, on behalf of the Hunter Academy of Sport, tabled the prime recommendation, namely:

- That the International Olympic Committee provide a coherent philosophical framework within which the IOC position on doping can be justified and consistently applied.
- The philosophy should embrace educational programs, drug testing and penalties.
- The determination of the philosophy may require the creation of a specific advisory body incorporating philosophers, scientists of different persuasions, e.g. medicine and psychology, and above all, contemporary champion athletes to consider concepts of 'fair play' and 'unfair advantage' as it relates to competition at the highest human level. It is perceived that an appropriate philosophical framework would take into account ethical issues concerned with e.g. genetic engineering, as well as the problems of performance boosting aids including drugs.

The Advisory Body should also consider effective international communications, decision-making processes and ensure consistency of recommendations and the value systems that underpin them.

The recommendations from the Moscow Conference are awaited with interest.

In addition, an invitation was extended to Professor Laura to speak on the Drug Controversy in Sport and the Future of the Olympic Movement at the International Drugs Congress held in Paris in November, 1989.

In his paper, Professor Laura examined certain developments taking place in genetic engineering which may soon represent a challenge to the concept of 'fair play' in sport.

He mentioned in particular gene mapping, cloning and gene therapy and considered their potential relevance for improving sporting performance.

His main concern, however, was not so much to examine exhaustively futuristic trends in sport as to bring into bold relief that unless the assumptions and attitudes underpinning our current philosophy of sport are reconceptualised, we will achieve far less than we expect in our vigorous campaigns to eliminate drugs from sport.

The central issue is whether, when we say 'winning is not everything', we really mean it, or are we in fact saying 'eyes, winning is not everything, it is the only thing'. What is at stake in this debate is the hidden agenda of sport, which regards the body as a means to an end, and whether, as a society, we are in truth willing to challenge it.

Professor Laura also addressed the recommendations that flowed from the Congress. The Congress made clear that today insufficient attention had been paid to the articulation of a coherent philosophical framework within which the IOC's stance on doping could be justified and consistently applied.

Put simply, the IOC had taken the view that the ban on drugs at Olympic competitions was not motivated by concepts such as 'fair play' and 'unfair advantage' since the IOC regarded these concepts as too ambitious and idealistic to be achieved.

Professor White agreed that with respect to human performance much will depend on how society applies its outcome knowledge of the Human Genome Project, which began at the National Institutes of Health in the United States in January, 1989, and which will take 15 years to complete.

The main aim of the project is to determine the composition of human DNA, molecule by molecule.

Such information would permit the eventual diagnosis of some 3,000 known genetic diseases, and lead to understanding of mechanisms of normal and abnormal biological functions, and to the repair of genetic abnormalities.

The hope of preventing genetic disorders and the engineering of healthier humans would inevitably go hand-in-hand with the creation of humans who can perform faster, higher and stronger, in line with the Olympic motto. Such feats of genetic engineering have already been accomplished in animals.

Professor Saxon White is Foundation Professor of Human Physiology in the University's Medical School. Part of his current research concerns the neuroscience mechanisms controlling exercise and their long-term effects, particularly in high level athletes. He is currently Chairman of the Hunter Academy of Sport.

Professor Ron Laura is Professor of Education and writes widely on sporting issues including ethics in sport. He is Chairman of the Sports Medicine and Health Education Committee of the Hunter Academy of Sport.
Professor Cyril Renwick, who was honoured for his contribution to the life of this State, this region and this University by the presentation of a degree of Doctor of the University, is congratulated by the man who succeeded him as Chairman of the Hunter Valley Research Foundation, Professor Mick Carter, the University's Deputy Vice-Chancellor (Academic).

Mrs Linden Drzyzga, BA with Honours Class 1 and the University Medal in History, shared the enjoyment of her success with (from left) Professor Alan Ward, Dr Peter Hempenstall and Assoc. Professor Eric Andrews, who lectured her during her undergraduate subjects. Mrs Drzyzga and her husband, Joe Drzyzga, have four children. She is a full-time school teacher and a part-time Tutor at the University. Moreover, she intends to commence studies for a PhD next year.

Dr Ken Williams (left) is the Principal of Cessnock West Primary School. Dr Neville Schofield (right) is a Lecturer in Education at the University. Pictured with their supervisor, Dr Phil Moore (Head of the Department of Education), they each graduated with a PhD degree.
Two active participants in student affairs took out their degrees. Ms Vanessa Bates, Bachelor of Arts graduate, is well-known for her work as Co-editor of OPUS last year. Vanessa presently is associated with Freewheels and is the SRC's Women's Officer. Mr Kent Gillman, Diplomate in Education, was a student member of the Council of the former University and is presently a member of the Interim Council.

With eight University Medals awarded this year, Mr Wiley Bradford was the first recipient of a medal (at the Faculty of Economics and Commerce/School of Administration and Technology graduation). Mr Bradford is a Tutor in Economics. He hopes to go overseas to study for a higher degree. Speaking on behalf of the graduates, he referred to the 'long and hard' fight to establish the University and said that as a 'homegrown, Newcastle boy' he had wanted to study at this University. Wiley is pictured with the Director of the School of Economic and Information Sciences, Professor Frank Clarke.

Dr Bernice Sharp, who was admitted to a PhD in mathematics, (shown with her supervisor, Assoc. Professor John Giles) migrated to Australia from England with her husband and two sons. She took a BA in mathematics as an external student of the University of New England and went on to take a LittB in functional analysis. She continued her research with an MSC(hons) at the University of Sydney. In 1987 Dr Sharp became Head of the Mathematics Department at the Catholic College of Education in Sydney.

Mr Chen Swee-Eng, a Sub-warden at Edwards Hall, is the first student to be awarded a Master of Business Administration degree with merit. Congratulating him is Mr Bruce Cheek, Head of the Department of Management.
Mr Mark Swinkels, who graduated with a BMath degree, is the fourth member of the Swinkels family to gain a degree from this institution. The others in the picture are (from left) Ms Linda Swinkels, BMath, Dr Dom Swinkels, Research Associate in Chemistry, PhD, and Ms Wendy Swinkels, BSc in mathematics. Mark's and Linda's parents were students of the former Newcastle University College.

Ms Deirdre Todd, BA (Communication Studies) was congratulated by her mother and father, Mrs Viv and Mr John Todd.

Sharing the happy occasion with some of the new graduates were some members of their families.

Mr Gregory Colin Elfick, BEng in Mechanical Engineering, is the son of Mr Mike Elfick, Senior Lecturer in Surveying, and Mr David William Hayes, BEng in Mechanical Engineering with Honours, is the son of Mr Jim Hayes, Head of the Department of Mechanical Engineering.
CD ROM Stations

The Auchmuty Library now has nine CD-ROM workstations operational. There are five in Reference, located in the Audio Visual foyer, two in the Biomedical Reading Room and another two in the Audio Visual Section. This will enable the use of most databases throughout the day. There will still be a booking system and discs will continue to be handed out from the service points. The new Epson LQ830 printers are much faster than the Star printers we have been using. Users are reminded that downloading to floppy discs is the most efficient way to retrieve large amounts of data.

Jim Cleary and Elizabeth Guilford

Back to the nitty-gritty

While the University awaits the installation of a new PABX telephone system, increased congestion on the two switchboards seems to have highlighted the need to study the basics.

According to a well-known member of the academic staff, many people don't realise that to make an outside aphone call they have to dial 'O' first.

Moreover, he said, if they wish to telephone the other side of the campus they must dial 'O' and then dial the number 685, followed by the extension number, if ringing somebody at the old University, or 687 and the extension if ringing a person at the former Hunter Institute.

The BULLETIN has established that if people dial 'O' and one of the prefixes, they will often hear the engaged tone. This is because of the shortage of 'in' dial lines through both switchboards.

An alternative, of course, is to telephone the appropriate switchboard (68 0401, old University, or 67 1388 former Hunter Institute) and ask the operator to give you the number required.

Historic copyright agreement signed

The Australian Vice-Chancellors' Committee (AVCC) and the Australian Committee of Directors and Principals (ACDP) have signed an agreement with the Audiovisual Copyright Society to allow copying of radio and television programs.

The agreement, which could eventually cover 52 higher education institutions, is retrospective to January 1 this year and will run for four years. The AVCC and ACDP signed a similar agreement covering printed material in September last year.

The audio-visual contract stipulates that higher education institutions will pay $2.50 per 15 minutes to tape radio broadcasts.

Television programs are divided into three categories. Category A (which will cost institutions $4.50 per minute) covers programs made for educational purposes or those with a significant potential market for sale as educational programs. Category C (costing 75 cents per minute) includes news, current affairs, series, serials, light entertainment, sport and advertisements, while Category B ($2.50 per minute) are those not defined in Categories A or C, such as Quantum or movies.

Under the new agreement, universities and colleges will also be able to make back-up copies of radio programs at $1.25 per quarter of an hour (or part thereof) and television programs at $1.25 per minute. The same charges will apply to any copies made between January 1984 and January this year before the agreement came into force.

Restoration of earthquake-damaged heritage buildings

Recently, an old University thesis was found which could be used for repairing and restoring many of Newcastle's heritage buildings, designed by noted nineteenth century Architect, Frederick Menkens.

Some weeks ago members of a local church group appealed to the University Archivist, Mr Denis Rowe, for help in restoring their earthquake-damaged church, built in 1890.

Mr Rowe searched through the library's old card catalogue and found a reference to an architecture thesis written in 1956 by Mr Leslie Reedman and entitled The Work of Frederick B Menkens, Architect 1855-1910.

In the wake of the earthquake, Mr Reedman's thesis could be very useful, as it contains plans and drawings of all of Menkens earthquake-damaged churches and commercial buildings in Newcastle.
The link between sleep and the immune response

Dr. Richard Brown

Dr Richard Brown has been awarded a PhD degree for his work in the Department of Psychology on sleep and how it contributes to the immune response. He has also taken up a lecturing position, after returning from the Manitoba Institute of Cell Biology, where he completed postdoctoral studies.

In his thesis*, Dr Brown says the functions of sleep are still a mystery. He says several theories have been proposed which couch the sleep state as a period of bodily restitution. Some theorists even have suggested that the function of dreaming is the facilitation of nervous system restitution.

Dr Brown notes that one interesting observation in this respect is the argument that sleep is an optimal period in terms of the functional efficiency of the immune response.

"Evidence for this hypothesis comes from several areas", he says. "Firstly, infected mammals spend significantly more time in non-dreaming sleep (Slow-Wave Sleep) than would normally be expected. Secondly, administration of cytokines involved in regulation of the immune response such as Interleukin-1 Beta, Tumor Necrosis Factor Alpha and Interferon Alpha, induce profound increases in Slow-Wave Sleep times without affecting dream sleep. Thirdly, administration of fragments of the bacterial cell wall, known as Muramyl Peptides, can also induce increased Slow-Wave Sleep times possibly by the induction of the various cytokines mentioned above".

If sleep contributes in any way to the immune response, Dr Brown argues, the prevention of sleep during an immune response may compromise the host's ability to deal with a pathogen.

"The results of experiments examining this question, indeed, show sleep to be essential for the normal progress of the immune response. For instance, mice administered a large dose of virulent influenza virus and prevented from sleeping for only seven hours post-infection showed decreased antibody responses and almost 1,000 fold increases in recoverable virus from the lungs."

"This result is made all the more surprising in that these animals were immunised previously against the virus and, under non-sleep deprived conditions, similarly infected animals showed complete clearance of the virus and high antibody titers".

Another series of experiments carried out by Dr Brown revealed that sleep loss - related immune suppression could be totally prevented if animals were administered with Muramyl Dipeptide or Interleukin-1 Beta at the time of sleep loss. This finding extended the known immune adjuvant properties of these substances to include protection against behaviourally-induced immune suppression.

"The clinical relevance of these findings", he says, "may be in the timing of vaccine administration to coincide with periods of sleep rather than sleep loss. To this end, research needs to be done examining the effect of, say, shift work on the efficiency of vaccines. Is there any difference in the immune response elicited by a vaccine, and therefore protection afforded the host, if the vaccine is administered prior to an all night shift (e.g. late in the afternoon) or when the shift has finished (e.g. early morning)"?

Both the effects of sleep loss and the poorly understood circadian variations in immunity may be important considerations when answering questions of this nature.

* Dr Brown's thesis is entitled Involvement of Muramyl Peptides in Sleep, Fever and Immunity: Modulation of Effects by Manipulation of Gut Bacteria and Sleep Deprivation.

Staff Book Release

Possibly the first book published in Indonesian by a member of the University of Newcastle has just been released in Jakarta.

Industri Pelayaran Indonesia:
Since the beginning of time, children have not liked to study. They would much rather play, and if you have their interest at heart you will let them learn while they play, and then eventually, they will find what they have mastered is skills play. This is true of any skill but particularly, it is true of music". (Carl Orff).

These words have special meaning for music lecturer, Ms Carol Richards, who will be attending an international symposium of Music and Dance Education at the Orff Institut in Salzburg, Australia, during July.

The four-day symposium which is only held every five years, will be attended by 250 music and dance educators from all over the world, and will feature the latest developments in the field as well as the philosophies and techniques of the Orff Institut.

Carl Orff was a German composer, known for famous works of music composed during the early part of this century, but was also very interested in the way children learned music and movement. His innovative approach survives to the present time and is known as the Orff-Schulwerk methods.

Ms Richards describes Orff-Schulwerk as a general artistic education with rhythm as the central point, rather than a method of music instruction. It is a summary of artistic experiences which lead children to musical understanding and uses melody and rhythm as the elemental forces which form the seed for the future and provides nourishment for the musicality of each child.

Ms Richards is one of the few people who have pioneered the development of Orff techniques for specific use in secondary classrooms. She said that Orff Schulwerk was historically used in the education of very young children.

She said that involvement in creative music and movement lessons takes children along the road to discovery about music and develops their love and appreciation of it.

"I have been invited to conduct a special session at the Symposium entitled Using the Current Culture to Develop Musicianship which will focus on the relevancy and strategies involved in using the Orff approach with high school students through the mediums of Rock and Jazz music," Ms Richards said.

"As well, I am one of 12 people who have been selected to teach at the two-week international Summer School which follows the Symposium.

"I'm excited about the Symposium - there is always so much to learn.

"During the Symposium, a panel of esteemed educators will discuss the applications of the Orff philosophy in various countries. I have been invited to be a member of the panel and will be able to report the developments and impact of Orff-Schulwerk on all levels of music education in Australia. This will be one of the highlights of the visit for me," she said.

Ms Richards studied at the Orff Institut during 1980 majoring in a Music and Movement in Education and has travelled around Australia giving lectures on the technique. She has lectured in Tasmania, Victoria, South Australia as well as New South Wales and next year will give a lecture in Perth.

For a lecturer in Music Method, the trip to Salzburg seems like an "enjoyable working holiday" and Ms Richards plans to do a little sightseeing during her stay there as well as absorbing the music and the atmosphere.

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2-day talks on adult literacy

To focus attention on current issues and practices in the provision of adult literacy and achieve other aims, the New South Wales Adult Literacy Council will hold a conference in the Griffith Duncan Theatre at the University on June 16 and 17.

After a welcome by Mr Peter Morris, Federal Member for Shortland, two keynote addresses and a panel discussion, the conference will form workshops to examine Philosophies and Policies of the Provision of Literacy, Community Literacy and Workplace Literacy.

More than 20 speakers have accepted invitations to conduct sessions and share their expertise with the people who attend the two-day conference.

The Hon. Sir John Carrick, a former member of the Senate, will give the closing address at 12.45 pm on June 17.

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Session on franchising organised

The Department of Community Programmes is offering business people a seminar on franchising. It will be held in the Audio-Visual Room in the Auchmuty Library on June 19 from 1.30 to 5 pm.

The organiser, Mr David O'Brien, a Tutor in Marketing at the Central Coast Campus, said the seminar would cover both practical and theoretical aspects of running a franchised business network. It was aimed at business people who wanted to expand, potential franchise buyers, solicitors and accountants, he said.

Mr O'Brien said small business faced a genuine dilemma in Australia, with returns showing a rate of small business failures of 80 per cent after five years. The nation could ill-afford such a trend continuing.

Small business had to look to co-operative, or franchise systems.

Franchising was a proven way, he said, of selling. Persons, or companies, developed and successfully tested methods of operating businesses. The 'franchise' then granted the 'franchisee' the rights to use the method.

Mr O'Brien said people were taking advantage of franchising for several reasons, including the fact that they were joining businesses with recognised names and there was an opportunity to turn to somebody for help in difficult times.
Here From Canada

Pictured are part of a group of Canadian teacher education students who enjoyed a two-week practicum at the Special Education Centre as part of their course.

The students from the University of Lethbridge in Alberta, Canada, visited Newcastle with two academics from the University, Dr Maggie Winzedr and Dr Nancy Grigg.

Six of the group of 11 were based at the centre while the other five were placed in schools throughout the region and although they were not totally involved in teaching, they were required to observe and assist, attend lectures and write log books. After their Newcastle stay, they spent another two days in Sydney observing special education techniques in high schools.

The students said they found the basic concept of special education in Australia very similar to that of Canada, but found the strategies varied. In Canada, students needing special attention are all integrated into the school system, with very few special centres such as the Special Education Centre on this campus.

They said they had enjoyed their stay in Newcastle and were billeted in the homes of students and staff during their stay.

When asked what was the most striking difference in Australian culture to that of Canada, the students replied without exception that they were surprised by the uniforms that our school children wear and had developed a liking for Vegemite.

"We have learnt a lot, not only about special education in Australia, but about Australians too. We have been bush dancing, visited your local tourist attractions and have been welcomed by the staff and students here," they said.

Calls for expressions of interest

Do you have a disability or expertise in areas relating to particular disabilities?
Are you interested in promoting affirmative action for women?
Are you an Aborigine?
Do you feel that work-based childcare is essential?
Are you from a non-English speaking background?

If your answer to any of these questions is 'yes' and you are interested in joining a working party to consider employment issues relating to any of the above, then please contact the EEO Unit at 68 5317 or 68 5473.

Membership of the working parties is not restricted to members of the advisory committee, or current employees of the University of Newcastle. Students and members of the community are invited to express their interest too.

The Advisory Committee on Equal Employment, Opportunity and Affirmative Action invites you to contribute your time and expertise.

Visiting academic

The University's Department of Health Studies was recently host to a Professor of Occupational Therapy from the University of Southern California.

The guest, Professor Betty Yerxa, also formerly held the Chair of the Department of Occupational Therapy at that University.

Professor Yerxa who is currently a Visiting Fellow at Cumberland College of Health Sciences, spoke to a group of Occupational Therapy students and clinicians on the current approaches to practice and the challenge of the 21st century. She recommended considerable effort be devoted to developing a basic science of occupation to support the practice of Occupational Therapy.

Stimulating discussion followed on the value placed on work in many different cultures and the need to focus on the diversity and necessity of play behaviour to the development of skills in the adult.

Organiser of the visit, Course Director of the Bachelor of Health Science (Occupational Therapy), Ms Trish Jacobs, said she hoped this will be the first of many such seminars for the Occupational Therapists in the Hunter Region.

The Headbutt

Ever seen a guy tear a hamstring?
Or pop a shoulder?
Ever played football? Ever been a woman?
Emotionally and physically which is more dangerous?
Ever shared a house in Coobs Hill?
Shared with a footballer?
Ever had a garlic curry? Ever tapped a keg?
Physically and gastronomically which is more enjoyable?
Ever stolen oysters? Driven a Datsun Homer Van?
Been a raging elephant?

All these experiences occur magically in The Headbutt, by Stephen Abbott. The Headbutt is a brand new Newcastle musical, with 10 songs by Johnny Goodman, of The Castanets.

The musical (being promoted as 'a suburban opera') opened at The Playhouse on May 30 and runs until June 23.

Tickets are available from the Hunter Valley Theatre Company, telephone: 26 2526 or 26 2755.
Quake Impact Survey

The Quake Impact Study investigates the social and psychological effects of the earthquake on people's lives. According to research, 20 to 50 per cent of people will experience psychological problems such as anxiety or depression following a disaster, and for some this will not become evident until several months after the event.

Professor Vaughan Carr, Head of the Discipline of Psychiatry at the University, is Chairperson of the research group and Ms Rosemary Webster is the Project Officer (telephone 67 9762). The study was devised by a group of psychologists and psychiatrists from Newcastle with contributions from Australian experts in the field of disaster research. Professor Beverly Raphael, Professor Scott Henderson and Dr Sandy McFarlane. Also involved in the project are three undergraduate and two postgraduate psychology students.

The Quake Impact Study is partly funded by the State Health Department and is being conducted by the University in association with the Hunter Area Health Service.

The first phase of the study comprises the Earthquake Impact Survey, which will be posted to 5,000 people in the community in two weeks time. The survey will also be sent to 800 people who were directly affected by the earthquake; those who were injured, those who had to move from their homes, owners of small business and emergency/rescue or welfare workers.

The questions in the Earthquake Impact Survey ask about people's experience of the earthquake, how stressful they found it, whether it affected their health, what support they were given and how they have coped with the effects of the earthquake.

Ms Webster told the BULLETIN that the research group was interested in everyone's experience, regardless of how much they were affected by the earthquake. All information provided would be kept strictly confidential, she said. Results of the study would be made available in such a way that no-one who participated could be identified.

"Since it is the first time that a major earthquake has occurred in an Australian city", Ms Webster said, "it is important that we know about both the immediate and long-term effects. We will be sending a follow-up survey on two subsequent occasions to a small sample of people who completed the Earthquake Impact Survey'.

"We appeal to everyone who receives the Earthquake Impact Survey in the mail to fill it in and return it as soon as possible. The valuable information we receive from this study will help us understand how the earthquake has affected people. We can then more adequately help people in Newcastle and also help people in future disasters to avoid some of the psychological consequences of such events."

"The survey may also benefit people by giving them a chance to write about their experience and express the feelings they have about the earthquake and the effect it has had on their lives."

Ms Webster added that it was anticipated that preliminary findings would be available later this year and the results of the follow-up surveys should be available next year.

One-day strike included picket lines at gates

The PSA held a 24-hour strike on May 15 to protest against an alleged breakdown in negotiations over the restructuring of their award.

Some PSA members formed picket lines at the entrances to the University to try to encourage members of other unions to support the issue.

A 'Day of Action', called by the ACTU, affected tertiary institutions in all states, where the non-academics held either strikes or stopwork meetings.

The award restructuring negotiations are being held by the ACTU and the body representing the universities, the Australian Higher Education Industry Association (AHEIA).

An 'information session' was held by the University's Departmental Committee of the PSA on May 11 to tell staff and students why the Union believed strike action was necessary to protect the salary conditions of its members.

The Chairperson, Ms Carol Sjostedt, said non-academic staff at Australian universities were angry because in the negotiations for the payment of the second three per cent award increase the universities had held up progress by threatening to take away the staff's long-standing conditions, such as automatic incremental salary scales.

She said that previously the PSA had reacted to the employers' proposals by holding two stopwork meetings in the Great Hall.

At the 'information session', a motion that non-academic staff work to rule was passed unanimously.

Members were told they could get expert advice on how to comply with the motion if they needed it.

A motion that 24-hour strikes be discontinued because they were usually unsuccessful and that indefinite strikes be held instead was put to the meeting and lost.

Messages of support from the University's Staff Association, the University's Lecturer's Association and the Academic Union of New South Wales were read to the meeting. The bodies said that although their members would not be called out members would be advised not to cross picket lines.

Ms Sjostedt told the BULLETIN as it was going to press that following the strike AHEIA had returned to the negotiating table in a more reconciliatory frame of mind. The universities had told the ACTU that they would in fact negotiate on the basis of a new salary structure that included annual increments.

Ms Sjostedt said the unions and employers had been able to put together a document that set out an understanding for future negotiations.

"In the meantime, the employers and unions consider that this will be sufficient to put before the Commission to gain the second three per cent increase."

"The Commission will hear a report on the agreement on June 12, and the acceptance or otherwise by membership. It is then expected that the 3 per cent will be awarded if endorsed by members", she said.

Scholarship winners

This year's and last year's Neal J. Dickinson Memorial Awards are Ms Jenny Blunden and Mr Max Shirley respectively.

The award perpetuates the memory of a Senior Lecturer in Economics who died in 1981 and is made from the proceeds of the Neal Dickinson Memorial Fund.

The award is made to students of the University who have completed the Higher School Certificate within the Hunter Region and are enrolled in Economics I.

Professor Barry Hughes, Head of the Department of Economics, presented the cheques to Ms Blunden and Mr Shirley.
For Sale

PCB Etching kit (negative photo-resist ER-71) in new condition (normal sells for $19.95). Asking price: $15; 3.5 Digit Multimetre (Dick Smith), includes capacitance, transistor testing and frequency measurement, still new (never been used)! (normally sells for $179). Asking price: $15; atTorch/E Bass Guitar, black, small body, two full octaves, two humbuckers and soft case included in excellent condition (hardly used). Asking price: $150; Ibenez Guitar Pedal (digital), nine sounds in one pedal. All combinable to create your own sounds, nine pedals in one for just $350 (brand new condition, worth $400 new). If you are interested in any of the above please telephone David at 63 1547.

Three chrome and black leather Brauer Chairs (with armrests) in excellent condition, $60 each; one pair of lambs wool lined black leather Bike Boots (size eight), new, $60. Please telephone 68 5485 or 498979 after hours.

Yamaha P2 Series Piano in perfect condition (recently tuned), Walnut Gloss Finish, $3,500 or nearest offer. Please telephone 68 5329 or 29 4487.

Mazda 808, four-door manual sedan. Registered until August (runs perfectly), urgent sale as owner is going overseas on June 21. Please telephone 68 5329 or 26 2907.

Macrac bike carrier, $45. Please telephone Marie at 68 5219.

One 240 volt 3Kva portable petrol generator unit, $400; one Ramset Gun and attachments, $250; one C-9 Ditchwitch chain trenching machine. Digs 5" trench 3’ deep, $800: 300 Red Turton terracotta roof tiles, $1 each. Please telephone 68 5382 or 332908 after hours.

Teac Model S40CD compact disc player (unwanted prize, still in box). Please telephone Brian at 68 5201.

Carpool

Anybody interested in a car-pool to the University from the Cessnock, Weston or Kurri Kurri area should telephone John at 68 5386 or 37 4461 after hours.

Academic women

The EEO Unit invites you to an information-sharing meeting on Wednesday, June 6, from Noon to 1 pm or 1 to 2 pm in the Group Counselling Room, University Counselling Service (under the Auchmuty Library).

Topics will include:
* How is the Academic Senate functioning these days?
* How to make female participation in selection committees more meaningful; and
* EEO Unit update on activities.

All academic women are encouraged to attend one or the other sessions, and to raise any EEO/AA issues they wish. There is no need to indicate your intention to come. Just turn up. Orange juice, tea and coffee will be provided - please bring your lunch if you wish.

(Note: a meeting of general staff women will be held early in July. Watch out for details).

Susan M. Jones
EEO Co-ordinator
Telephone: 68 5317

Michael Dudman plays organ

Sunday, June 10, 8 pm
Prelude and Fugue in B major by Saint-Saëns. Choral Dorian by Jehan Alain and Tuba Tune in D by C.S. Lang.

Sunday, June 17, 8 pm
Prelude and Fugue in C minor by J.S. Bach. Lamento by Augustin Barie.

Sunday, June 24, 8 pm

Community Programmes

Seminars, workshops etc.

June 11, 12 and 14, 6 to 9 pm

June 18, 19, 20, 25 and 26, 6 to 9 pm
Learning Lotus 123. Venue: Microcomputing Laboratory, S108B, Social Sciences Building. Lecturer: Dr Paul Walsh. Enquiries: 68 5600 or 68 5522.

June 27 and 28, and July 2

Friday, June 29, 2 to 4 pm
Taxation seminar - a seminar looking at Capital gains legislation, Company tax collection and Year end tax planning. Held in conjunction with the Commerce Department in the Audio-Visual Room, Auchmuty Library. Lecturer: Dr Wallschutzky. Enquiries: 68 5600 or 68 5522.

July 3, 4 and 5, 6 to 9 pm
Developing Skills in DOS. Venue: Microcomputing Laboratory, S108B, Social Sciences Building. Lecturer: Dr Paul Walsh. Enquiries: 68 5522 or 68 5600.

Sunday, July 8 to Friday, July 13
Counselling Skills Workshop - a five-day workshop providing skills training with personal growth for people who work with people at the C.B. Alexander Agricultural College, Tocal. Enquiries: 68 5600 or 68 5522.

Music making at the Con

Wednesday, June 6, 1.10 pm
ABC/Conservatorium Series featuring Gerald English (tenor), Robert Johnson (horn) and Geoffrey Tozer (piano). $3 and $7 concession. Subscription available for $25 and $15 concession.

Thursday, June 7, 1.10 pm
George Pederson (cello) and Nikolay Evrov (piano), Bach, Brahms and Bartok. $2 and $1 concession.

Wednesday, June 13, 1.10 pm
A concert by the Conservatorium/ES single study students. $4 and $2 concession.

Thursday, June 14, 1.10 pm
Paul Curtis (flute) and Ann O'Hearn (piano), Sonatas by Mozart and Feld. $2 and $1 concession.

Friday, June 15, 8 pm
Friends of the Conservatorium featuring Jamie Allen (flute) and Carmel Lutton (piano).

June's Slogan:
"If you think autonomy is a luxury, try bureaucracy."