University Launches History with Pride

A book entitled 'Looking Back: A History of the University of Newcastle' was recently launched at a special function held at the University by the Vice-Chancellor, Professor Keith Morgan.

The 256-page book was written by Associate Professor Don Wright from the University's Department of History. It is a warmly human, entertaining and informative account of the University of Newcastle from its establishment as a College of the University of New South Wales in 1952 up until its amalgamation with the Hunter Institute of Higher Education and the Newcastle Branch of the Conservatorium of Music in 1989.

The book deals with the community struggle to establish a university in Newcastle, the early years as a fledgling university, the establishing personnel, the characters of the day, the push for autonomy and the achievement of this in 1965 as well as the growth and expansion of the university to the present day.

Professor Wright says that the link with the community is the central theme binding the book together. He says he is interested in all aspects of the university's development.

"I have tried to portray the university as a whole, not only the academic focus. There are many faces to a university as well as the academic side of things. There are the personalities, the events, the successes, the upheavals, the disappointments as well as the sporting, cultural and social aspects," Professor Wright says.

"Over the years, The University of Newcastle has developed its own particular flavour and has been an integral part of its community. The City of Newcastle can be justly proud of its university," he says.

Professor Wright says that as well as photographs, he has used extensively the illustrations of Mr Allan Gamble, whose pen and ink drawings capture the unique qualities of the campus.

Printed by Pot Still Press, the book's cover was designed by Marie Wisniowski, graphic artist with the University's Medical Communications Unit.

Newcastle and Hunter Athletes May Train at University

A proposal to develop an athletics track within the University campus has been accepted in principle by the University Council, subject to a full study of alternative location and additional facilities required to make it fully operational.

The proposal, which has the full support of the Sports Union, identifies No 4 Oval as the site for the athletic track. The University Master Plan Revision, however, identifies No 2 Oval as the preferred site.

Number 2 Oval would not, according to technical advice presented in a feasibility study conducted by QDEV Management, be a suitable site as it is "situated atop an exposed hill and is strongly influenced by prevailing winds".

Situating the track on No 4 Oval would, however, limit this oval for other sporting use and would "constrain alternative land use of the oval for the life of the track, which is fifteen years," the Vice-Chancellor, Professor Morgan, told Council.

Members of Council expressed concern that the University might run out of flat building space should the athletic track be built on No 4 Oval. Further investigation as to the location of the track is necessary.

It was edited by the former Information Officer for the University, Mr John Armstrong.

A special guest at the function was a former Vice-Chancellor of the University, Professor Don George, who inspired the idea for the book some years ago.
Dr Jonathan S. Silberberg's advice is dramatic. "The first step - gather the information. If it's uncertain, check it against death records."

The statement sounds extreme, but then so is the toll of heart disease, both in terms of the high mortality rate and the human suffering left in its wake.

Dr Silberberg, a senior lecturer at the University's Faculty of Medicine is also a clinical cardiologist at the John Hunter Hospital's Cardiovascular Unit.

With responsibilities in research as well as teaching, Dr Silberberg and his co-researchers are developing a scoring system which enables relevant family medical history regarding heart disease and its symptoms to be calculated, thus providing a clearer picture of the degree of risk that a person faces.

The team has devised a straight-forward questionnaire to enable medical practitioners to ask suitable questions and encourage patients to trace their family history with direct emphasis on gathering specific information about the pointers to heart disease symptoms.

Their research comes in the wake of alarming statistics which indicate that one person in two will suffer a heart attack at some time in their life.

Dr Silberberg, the principal investigator, and two other researchers, Dr John Wlodarczyk, statistician with the Department of Respiratory Medicine at the John Hunter Hospital, and Associate Professor Michael Hensley from the Discipline of Community Medicine, have been working on the project for the past two and a half years. They estimate that it will take five years before the research is completed.

Dr Silberberg's team are working with a $54,000 grant over two years from the National Heart Foundation.

"There is a real need to improve the nation's health by educating people about healthy lifestyle, but we still need to know why some people are more susceptible than others."

"For instance when a person smokes, then you have an explanation. But if a person has had a heart attack and there is no clear explanation such as smoking, high cholesterol, high blood pressure or stress, then we need to look at other factors such as family history."

"We ask the question 'What is the process in this family that leads to heart disease despite being at apparently low risk'?"

"We find that most people are unaware of their family's medical history until they actually ask the questions about their family."

"As well as the need to define high risk people, there is also the need to rationalise the exploding health care costs connected with heart disease," Dr Silberberg says.

"It is usual to define either a 'positive' family history, where the risk would be considered high, and a 'negative' family history which would most likely indicate a low risk. However, the 'negative' family could still be what Dr Silberberg refers to as 'protective'."

"We need to get away from Yes/No definitions and start really questioning. We want to know what the meaning of a strong family history is in terms of metabolic processes, and how these can be measured."

"We also need to know about the shared environment, not only in relation to smoking, but diet and food preparation," he says.

A strong family history is when several first degree relatives have been affected (the precise number depends on how many relatives there are), when disease developed at a young age, when cases have included females and when the affected persons did not smoke. (Coronary disease is less common in females and non-smokers).

A 'protective' family history is when the family is large, yet few have developed heart disease, when most members have lived to a "ripe old age" and when no disease develops despite a large number of smokers. However, Dr Silberberg warns of imitations. Large families about which the person knows nothing are uninformative, not negative. Likewise some other event, eg, war, may have intervened before coronary heart disease might reasonably have developed.

The research team have developed a step-by-step guide to evaluating family history of coronary heart disease beginning with:

1. Mapping out the first degree relatives such as parents, brothers and sisters, children.
2. Checking that they are all blood relatives. If not, discount them altogether; if half-relatives, their information is only worth half that of a full relative.
3. For each family member, ask: are they alive or dead? If alive, how old are they? Do they smoke? What medical problems have they had? If dead, at what age did they die? Did they smoke? How did they die? What other medical problems did they have? At what age did these first become evident?
4. Review all the 'No' responses. Do they really mean 'Don't Know'?
5. Repeat steps 1 to 4 for second degree relatives, grandparents, aunts and uncles. This adds information but the genetic similarity is only half as strong.

The validation study links into another University of Newcastle project, the Monica Project, which is tracing the pattern of coronary heart disease in the Hunter Region. This linking provides an efficient means of gaining cases to study.

With 360 cases from the Monica Project and 720 controls chosen randomly from the electoral roll, Dr Silberberg plans to study 1080 people and their family's measurement of the heart disease risk scale, gaining a clearer picture on risk.

Half of the actual coronary heart disease cases studied will be male and half females. They will be looked at in three age groups, under 45 years, from 45 to 55 years and from 55 to 65 years.

"We are hoping to build an accurate and reliable road map for preventing heart disease where the costs and benefits of each route are clearly mapped out, also providing adequate information about previously neglected areas," Dr Silberberg says.

"Family history is cheap and available. If a person is serious about heart disease prevention, it could be very worthwhile for them to take the trouble to find out about their family's health history," he says.

THANK-YOU

Just a note of thanks to all members of staff who kindly donated money (totalling $310.00) to the Grebert Family Fire Fund. Sharon Grebert, her husband Michael and two young sons Ben and Harry lost their home and virtually all their belongings to fire early in March.

Sharon is employed in the Student Division, Admissions and Enrolments Section. She, and her family, owe their lives to a smoke detector purchased only a few weeks before the tragic fire.

BULLETIN • 2
Literature and Empire

Most readers of English fiction probably think of the British Empire in terms of later nineteenth-century writers like Kipling and Conrad.

A postdoctoral fellow in the Department of English maintains however, that British imperialism was actually a pervasive and constituting force in the English novel throughout the century.

In Reaches of Empire: The English Novel from Edgeworth to Dickens (Columbia University Press, 1991), Dr Suwendrini Perera demonstrates the far-reaching influence of an ideology of empire in Victorian fiction.

Rather than confining her attention to novels actually set in colonial locales, Dr Perera challenges the distinction between "colonial" and "domestic" novels, revealing the many ways in which imperialist assumptions underlie the treatment of subjects such as family and femininity in novels like Jane Eyre, Vanity Fair, and Dombey and Son.

Professor Edward Said of Columbia University has described Reaches of Empire as a "milestone in interpretations of the English Novel." "No one before her has attempted", according to Professor Said, "much less accomplished, so intelligent and serious a re-reading of major narratives on the basis both of British imperialism and of the structure of fiction."

Dr Perera, who is using her fellowship to further her research into the mutual constitution of gender and empire in Victorian England, is currently teaching a course in "Literature and Empire" for the Department of English. She will be taking up a lectureship at La Trobe later this year.

Work-Based Child Care

At its April meeting, University Council gave its blessing to the Working Party, set up to establish a child care centre for staff, to continue its work.

At the meeting, the Working Party, chaired by Mr Trevor Waring, presented a detailed report of the work it has done since the February meeting of Council, at which an amount of $480,000 to be spent on a 40 place work-based child care centre was approved.

The Working Party has drawn up a comprehensive brief for the architect, which includes a deviation from the standard design for child care centres. The design proposed by the Working Party stipulates the need for three rooms for children under 3, so as to accommodate a large proportion of babies and young children, where the need is greatest.

The design brief was compiled by the Project Advisory Committee (a sub-group of the Working Party) which visited several child care centres in the area and noted desirable and avoidable design features of centres. The Committee then consulted with expert in the field, Play Environment Consultant, Pru Walsh, who modified the brief to its present form. Ms Walsh will be consulted further as the project develops and will also assist with the landscaping design of the playground.

Architects were interviewed and Suters Architects Snell have been chosen.

Register of Environmental Scientists

The Centre for Environmental Management has been approached by Hassell Planning consultants. The firm is updating its list of specialists who might wish to engage as sub-consultants for environmental impact assessments, environmental audits and environmental implications of changes to the existing built environment.

Areas of interest for specialist sub-consultancy include micro-climate analysis, air, water, land contamination, noise analysis, hazards assessment, waste disposal and land degradation.

If you are interested in specialist sub-consultancy work in a study team managed by the firm, please write directly to -

David Ashton Manager Hassell Planning Consultants Pty Ltd 1 Kent Street SYDNEY NSW 2000

Telephone: (02) 241 2233

Give your name, qualifications, area of expertise, relevant experience, terms and conditions of engagement, contact address and telephone number.

The Operations Committee (the other sub-group of the Working-Party) looked at finances, operating costs, fees and entry requirements.

A preliminary budget based on current calculations regarding government subsidies, indicates a fee of $140 - $145 per week, however this fee could be subject to change next year. Staff members will be eligible for government fee relief, as are users of community-based centres.

It is hoped that an announcement will be made in the next issues of the Bulletin and Administration News as to the dates for the opening of the waiting list. Details regarding entry eligibility and application will be disclosed then. Staff members are requested to be patient and not make inquiries until invited to, says Child Care Officer, Ms Vicki Petersen.

"Some of the finer points have still to be determined and I don't want to disadvantage anybody by taking inquiries before the waiting list is opened. We are aware that people are anxious to apply but wish to be completely fair about receiving applications," Ms Petersen said.

The centre will be built north of Kintaiba Community-Based Child Care Centre, between it and Car Park No 2, east of the Hunter Technology building. While the Working Party would like the new centre to open as early as possible in 1992, it was felt that every phase should be given due attention and not rushed, particularly after having waited for so long for this facility.

Staff will be kept informed of the likely opening date as soon as it can be predicted.

Council has also approved six work-based child care places designated for staff of the University at Wonnayba child care centre. However, the Management Committee of Wonnayba request that this be reviewed following establishment of the new work-based centre.
Academic Appointed to National ‘Environmental Choice’ Committee

One of the University’s academics has been appointed to a scientific committee which is part of a national ‘environmental choice’ program initiated by the Commonwealth Minister for the Environment, Mrs Ros Kelly.

The appointee is Professor of Building, Professor Denny McGeorge, who will hold the position for two years.

The initiative which was launched recently, is a national program aimed at verifying environmental claims made by manufacturers about products and packaging which can sometimes be misleading, confusing or false.

The new program is designed to ensure that environmental claims made about products and services are both meaningful and truthful. It will also serve to educate and inform consumers and manufacturers on the environmental impact of products and services.

Professor McGeorge is one of six appointees to the scientific committee out of 200 nominations from throughout Australia. He has served on a similar committee in the United Kingdom which gave advice to government on energy policies. His particular area of expertise is in energy analysis and materials recycling.

The committee will test claims made by manufacturers, liaise with interest groups and develop definitions for terms such as ‘biodegradable’ and ‘recyclable’ as well as setting standards and procedures for the on-going operation of Environmental Choice.

Professor McGeorge said the Committee has developed a symbol which, when a product has been approved, could be used on that product. He said manufacturers wanting to display an Environmental Choice symbol on products must apply to the Committee, pay a fee and have their claims successfully verified by the scientific committee.

EEO For Staff With Disabilities

A recent survey of University staff indicated that 90 academic staff and 177 general staff have a disability of some kind. The categories included conditions requiring long-term medication, chronic back problems, disabilities of sight, hearing, speech, use of legs, use of arms and hands.

The survey, which was designed by the Director of Equal Opportunity in Public Employment, aimed to collect information to enable the assessment of the effectiveness of equal opportunity programs. Information was collected on gender, Aboriginality, ethnicity, disability status, living arrangements, harassment experiences, age promotion patterns, work location, salary, occupation, qualifications, and conditions of employment.

The survey results indicated that staff reporting a disability also reported a higher level of harassment in the workplace than staff without a disability. Discrimination against people with physical disabilities is against the law. Treating people unfairly or harassing them because they have a physical disability or a physical illness which has affected the body’s structure or functioning is also unlawful.

In employment, people with physical disabilities have the right to compete for jobs and promotions on the same terms as everyone else - that is, on their ability to do the job, their qualifications and experience. For example, questions on application forms and at interviews must be about ability to do the particular job, not about a person’s disability. Employers can only take into account medical information that is directly relevant to a person’s ability to carry out the duties of the particular job.

If you have a physical disability you have the right to expect the university to make any “reasonable adjustments” to the work environment necessary to accommodate your disability when you apply for a job, when you’re at work or when you leave a job.

If you feel you are being treated unfairly or harassed because of your disability and you are unable to sort it out yourself, contact the EEO Unit, located in the Bowman Building (telephone 6547)

Convocation Gift Shop

For an extensive range of university gift ideas for:
- Graduation
- Overseas visitors
- Visits to other universities
see the Convocation Shop, Hunter Building (next to the Huxley Library).

We also specialise in folk art and sell work by students, staff and graduates of this university.

Mothers’ Day Sale starts Monday 27th April
Save up to 30%
University Involved in School Healthy Heartbeat Project

Academic staff of three Schools of the University have been working together to assist a Hunter Valley school in its efforts to establish a 'Health Promoting School'.

The Schools of Health, Medicine and Education have been working co-operatively to help Kurri Kurri Public School develop approaches to creating a greater awareness of health issues, particularly of heart health through an innovative curriculum for Year 6 school students.

The initiative is in response to parent requests for health education programs to be conducted in conjunction with the curriculum and are to be linked with the school canteen in an effort to provide healthier food choices.

Local community groups are offering their support of the program. A $500 donation for development has been provided by the Alcan Aluminium Smelter.

The program was launched recently by the Mayor of Cessnock, Alderman Maree Callaghan. Support for the program was provided by the University's Department of Health and Physical Education. Students John Russell, a member of the Newcastle Breakers Soccer Team, Jane Nixon, under 21 Hockey Representative and Mark Curry, Australian Country Cricket Representative, provided examples of games which are fun to play and which form a basis for a healthy lifestyle.

The program is currently being evaluated, with pre-testing underway at Kurri Kurri Public School. A control is being conducted at Telarah Public School.

The Department of Health and Physical Education is coordinating the health related fitness testing which is being supervised by lecturer, Dr Ashley Woodcock. Student attitudes to health and their self-reported behaviours are being measured by a questionnaire developed by Dr Ron Plotnikoff from the Centre for Clinical Epidemiology and Biostatistics within the School of Medicine. Gains in knowledge are being monitored by Mr Phil Williams from the Department of Holistic Health.

Phil, who is co-ordinating the University involvement, says that community involvement in the program is high. He says that the Coalfields Healthy Heartbeat Project and the Newcastle Branch of the Heart Foundation are working together to provide a range of programs which have been requested by parents of Year 6 students.

"These range from courses which provide skills for selecting and preparing low fat foods, exercise and stop smoking programs," Phil says.

"I believe the co-operation and participation by Kurri Kurri Public School, the local community and the University Schools of Health, Medicine and Education is unique. Even though the project is still in its pilot phase, I anticipate that the ideas and principles generated will be disseminated to other schools in the area," he says.

Professor Barry Boettcher, from the Department of Biological Sciences, presented an invited lecture entitled "Origin of Blood Groups" at a recent course in transfusion medicine. The course, entitled "Self and Non-Self" was held at the Red Cross Blood Bank in Melbourne.

According to Professor Boettcher, the field of transfusion medicine has expanded greatly. "It is no longer concerned solely with blood transfusion, as was reflected in the topics addressed at the meeting" he said.

In his address on blood groups, Professor Boettcher outlined the developments in the field of human blood groups from their origin in 1900, to the recognition of other blood group systems. He states that studies conducted throughout the years have identified the chemical nature of blood group antigens.

"The focus of studies now is to determine the roles of blood group antigens. God did not put the blood group antigens on red cells simply to complicate blood transfusion and to cause problems during some pregnancies," said Professor Boettcher.

He explained that some blood group antigens are known to be associated with proteins that transport glucose or chloride in and out of red cells. Red cells lacking certain blood group antigens (Rh antigens) have abnormal sizes and shapes and the passage of sodium and potassium in and out of these cells is abnormal.

Professor Boettcher went on to explain that abnormalities in ABH antigens have no effects on the structural or functional features of red cells, however it is thought that ABO antigens may play a role in tissue recognition during embryonic development.

According to Professor Boettcher, transfusion medicine now needs to cater for bone marrow transplants, platelet transfusion, immunosuppressed or irradiated patients, autoimmunity and graft versus host disease. It was for this reason that the course was entitled "Self and Non-Self", he said.

Other invited speakers at the course were Professor Graham Mitchell, the Director of the Royal Melbourne Zoo; Professor Sir Gustav Nossal, the Director of the Walter and Eliza Hall Institute; Professor Steven Cordner of the Victorian Institute of Forensic Pathology and Dr Anneke Brand of the Red Cross Blood Bank, Leiden, in the Netherlands.

Mr Nan Yang, a PhD student being supervised by Professor Boettcher has undertaken studies on blood group genes and has prepared DNA libraries from human blood cells. His work is concerned with the isolation of genes controlling the human ABO blood groups.

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School Students Involved in Games for the Healthy Heartbeat Project

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GIVE BLOOD!
Royal Newcastle Hospital & District Blood Transfusion Service Mobile Blood Donor Unit. The bus will be located adjacent to the Hunter Union, from 10am-4pm.

Hunter Union - (in car park adjacent to Union building)
Thursday 30 April
Thursday 21 May
Thursday 17 September
Unique prizewinners

Two mature age students, Mrs Judith Knodler and Mr Max Hemmerle, have created a unique double in winning the 1991 Goethe Prize for German.

Not only is this the first time the prize, for the best student in third year, has been awarded to more than one student, it is the first time it has been awarded to mature age students.

Mr Hemmerle is also the first student to enter the German course from the Open Foundation Course and win the Goethe Prize.

The two received their awards from the German Consul-General, Mr Rolf Meyer-Olden who, on a day of firsts, was making his first visit to the University.

Mrs Knodler, accepting the award, thanked her husband and family for their support in what she described as "a long road". She returned to her studies after a long break and completed her degree in the three years available to her.

Mr Hemmerle also acknowledged the support of his family, and thanked the staff of the German section for "putting up with him".

Mr Meyer-Olden also presented the Head of the section, Dr John Stowell, and his secretary, Mrs Trudi Hasselmann with gifts.

To the Vice-Chancellor, he presented a piece of the Berlin Wall. Such pieces were likely to multiply in number and get at once smaller and more dubious in their provenance, he said, but Professor Morgan could be assured this one was genuine.

Professor Morgan said the University was delighted that Mr Meyer-Olden had been able to bring a piece of Germany with him.

And he congratulated the German section on having two prizewinners this year; such an increase in academic productivity was a pleasant surprise.

PhD Awarded

Many in the University will be pleased to know that Dr David Cottee an anaesthetist trained at the Royal Newcastle Hospital was recently awarded his PhD. His thesis dealt with the modification of blood pressure control systems by general anaesthetics and how these effects alter regional blood flow in the heart. He studied the modern anaesthetics agents, isoflurane, enflurane and halothane.

The examiners were agreeably complimentary adding lustre to his work and to the Discipline of Human Physiology within the Faculty of Medicine where David was supervised by Dr Tony Quail. Tony in fact was the first anaesthetist to gain a higher degree in Physiology at The University of Newcastle. He was followed by Peter Moore, who now holds an Associate Chair in Anaesthesiology at the University of California, Davis.

The Australian Press Council announces the terms of entry for its 1992 award.

When the council was established in 1976, among its objects were:

* To maintain the character of the Australian press in accordance with the highest journalistic standards and to preserve its established freedom.

* To keep under review developments likely to restrict the supply by and to the Press, of information of public interest and importance.

* To make representations concerning the freedom of the press on appropriate occasions to governments, public inquiries, and other organisations in Australia and abroad.

This year the council will offer a prize for the best research paper of approximately 10,000 words on a guarantee in the Constitution or in a Bill of Rights of freedom of expression in Australia.

All entries should have numbered pages and should be suitable for publication as submitted.

Each entry should be accompanied by an abstract of 250 to 300 words, suitable for publication, as well as by an entry form available from the Press Council office.

The winner will be selected by a panel of judges. The prize offered is $2,000 for the best entry submitted during the year ending December 31, 1992. The Australian Press Council reserves the right not to award a prize.

ENQUIRIES AND ENTRY FORMS:

The Executive Secretary
The Australian Press Council
303/149 Castlereagh Street
SYDNEY NSW 2000
Tel: (02) 261 1930
or (008) 02 5712
Fax: (02) 267 6826
Women still lower on scales - EEO Report

The representation of women at higher levels of employment within the University remains only a fraction of that of men, according to figures from the EEO unit.

The number of staff earning the salary equivalent of a Grade 10 minimum at March 31 last year was 331. Of these, only 34 were women.

In the mid-range of salary (public service grades 3 to 6), men and women were equally represented.

At the lower end of the salary scale - below public service grade 3 - the University had 760 employees, of whom 553, or 73 per cent, were women.

Academic promotions for 1991 will not redress the gender imbalances at higher levels, despite the strong success rate of women.

Of those who applied for promotion to the rank of Associate Professor, about one in three were successful. There was no substantial difference between the success rate of the genders, but nine times as many women as men applied for promotion to this level.

Among applicants for promotion to senior lecturer, however, there was a much higher rate of success among women than men. Some 88 per cent of women who applied were promoted, while 48 per cent of the men who applied succeeded.

Since five times as many men applied as women, however, this means three times as many men were promoted.

General staff re-classifications for 1991 followed a different pattern.

More than twice as many women as men applied for reclassification and, although the male applicants were slightly more successful, about twice as many women as men were reclassified.

The draft annual report of the Advisory Committee on Affirmative Action and Equal Opportunity was presented to the Council at its April meeting.

TOTAL STAFF (at 31.3.91) by salary equivalence and gender

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<thead>
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<th>LEVEL</th>
<th>MALE</th>
<th>FEMALE</th>
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<tbody>
<tr>
<td>Below C.O.1</td>
<td>31</td>
<td>206 (87%)</td>
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<tr>
<td>C.O. 1 - Grade 1</td>
<td>119</td>
<td>275 (20%)</td>
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<tr>
<td>Grades 1, 2</td>
<td>57</td>
<td>72 (56%)</td>
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<tr>
<td>Grades 3 - 5</td>
<td>136</td>
<td>134 (50%)</td>
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<tr>
<td>Grades 6 - 9</td>
<td>267</td>
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<td>Grades 10 - 12</td>
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<tr>
<td>Above Grade 12</td>
<td>160</td>
<td>11 (6%)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>907</td>
<td>841 (48%)</td>
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</table>

ACADEMIC STAFF (at 31.3.91) by level and gender

<table>
<thead>
<tr>
<th>LEVEL</th>
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<th>FEMALE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tutor</td>
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<td>31 (57%)</td>
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<tr>
<td>Lecturer</td>
<td>195</td>
<td>96 (33%)</td>
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<td>Senior Lecturer</td>
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<td>32 (18%)</td>
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<tr>
<td>Associate Professor</td>
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<td>5 (6%)</td>
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<td>55</td>
<td>2 (4%)</td>
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<tr>
<td>Miscellaneous</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>499</td>
<td>166 (25%)</td>
</tr>
</tbody>
</table>

Miscellaneous includes clinical fellows, clinical supervisors, teaching assistants

Funding Granted to Special Education Lecturer

A University Special Education lecturer has received additional funding to further his research into the study of coloured lenses and how they can help people with reading and learning difficulties.

Dr Greg Robinson, whose research into Irlen Lenses has helped many people who experience problems with slow or inaccurate reading, missing lines, eye strain and other symptoms, has received $20,000 from the Australian Institute of Health.

He says extra funding is being sought to extend the study to the 18 month period necessary to obtain definitive results.

"I plan to select subjects for the proposed research from people attending the centre for assessment," Dr Robinson says.

"The initial grant allows for 120 subjects to be assessed over a three month period with extra funds being sought to involve an additional 80 subjects and extend the assessment period to 18 months. "This will allow a more definitive analysis of reading strategies used and how these might change with prolonged exposure to the coloured lenses prescribed," he says.

---

Dr Robinson and Ben Martin

The Irlen Lens Program has operated at the University's Special Education Centre since 1985.

It involves the use of coloured lenses to reduce visual distortions, eye soreness and fatigue reported by some people when reading or writing. These people often already have prescription glasses, however still present with these symptoms and may thus benefit from Irlen lenses.

The difficulty is labelled 'scotopic sensitivity' and could be caused by some form of retinal defect which is responsible for the extreme sensitivity to certain colours and densities of light.

Dr Robinson says the new research funds will enable him to commence an investigation of the effects of coloured filters over a long term period, with particular objectives being:

(a) to identify whether there are significant reductions in visual-perceptual distortions for subjects identified as scotopically sensitive; and, (b) to ascertain whether any such reductions in perceptual distortions lead to improvements in reading ability and changes in reading strategies.

---

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A Gathering of Scientists/Philosophers

Philosophers are traditionally associated with very abstract questions that require quiet contemplation rather than with the active interrogation of nature pursued by scientists. But the pursuit of science and technology has now thrown up the profoundest philosophical questions, about the value of technology, the ethics of genetic intervention, the nature of physical matter and even the existence of time itself.

Those with the traditional image of philosophy could be forgiven for wondering whether the Department of Philosophy has this year had an identity crisis. For they would find four members of the Department with science degrees and science expertise, in fact all with engineering of physics degrees. Professor C.A. Hooker, who holds a PhD in physics, is leading a research team which is investigating the implications of new non-linear dynamic systems principles and models for our understanding of the processes of science, the relationship between science, technology and society, and the basic nature of rationality itself and its place in human intelligence.

Assisting him are Dr Bill Herfel and Dr John Wright, along with Professor Brown, from Northern Illinois, USA, who is spending the first eight months of 1992 at Newcastle. Professor Brown, who is an internationally acclaimed philosopher of science, will be working with Professor Hooker on a book focused on the development of new models of rationality.

The group's research focuses around such questions as: Is the rational mind essentially like a rule-following computer or does its rule-creating and judgement-making capacities mean that it might be better conceptualised as a complex multi-faceted system which adjusts itself to its surroundings in much the same way as, say, an ecology adjusts itself to changing environmental conditions?

In what way does the conception of chaos provide models of unpredictable change and complexity which are alternatives between the classical extremes of determinism and randomness, rigid organisation and no organisation, etc.? Can new theories of non-equilibrium thermodynamics of evolution and the like illuminate the process of scientific change and progress?

Despite being small (just five academic staff members), the Department has a determined commitment to research. Despite the difficulty of philosophers obtaining substantial research funds, a principal result of its research commitment has been this year's gathering of scientist-philosophers. (Another principal research focus is that of reason vs-a-vis religion and of the implications of both foci for various issues in applied ethics.) It is to be hoped that in future a group of this kind can continue to be supported.

In the meantime, should you encounter some unphilosophical people in white lab coats in the Philosophy Department, do not be surprised. They are simply part of the new breed of philosopher who take both their science and their philosophy seriously.

Super-8: Still Alive and Kicking

Following the article in the last issue of Bulletin, Cultural Power of Film Mr Richard Tipping has asked that the record be set straight about the availability of Super-8 film before readers throw away their cameras in despair. Mr Tipping, who lectures in video and writing in the Faculty of Art, Design and Communication, has offered to send a list of suppliers and developers of Super-8 film to Professor Lumba, Dean of the Film Centre at the University of the Philipines, after reading that film-makers in Asia and the Pacific had called for "the return of Super-8" by Kodak. In fact, Kodak has recently committed to the production and processing of Super-8 film stocks for a further five years, when the market will again be reviewed. While Kodak no longer processes Super-8 film in Australia (it is sent to Dallas, Texas, with a turn around time of 2 to 4 weeks), independent laboratories in Melbourne and Adelaide can provide customised services. In addition, Agfa is still distributing and processing tungsten and daylight colour film.

The advantage of Super-8 film is that it can be used to make broadcast-quality images, unlike all but top-end video equipment. For example the Dick Smith documentary about Antarctica was shot on Super-8 film which was transferred to highband video tape for post-production, and then television broadcast.

Another advantage is that many Super-8 cameras have single frame ability, so that they can handle animation and the speeding up of events (pseudomation) to give unusual results. Mr Tipping suggests that the technical and aesthetic relationships between computer, video and film-based imaging systems will continue to be volatile, and creative, well into the foreseeable future.

Readers wishing to know more about Super-8 resources are welcome to contact him c/- The Department of Communication and Media Arts.

Immunology Research Group Seminar Programme

Semester 1 - 1992
Tuesday April 28
Inhibition of HIV - 1 Infection in T cells - Dr. Judith Scott
Tuesday May 5
Receptor-cytoskeletal interactions in cell movement - Paul Tooney
Tuesday May 12
Further studies on the NC-11 antigen on natural cytotoxic cells - Shu-Ching Shih
Tuesday May 19
Regulation of integrin expression on human macrophage - Mark De Nichilo
Tuesday May 26
Distribution of natural cytotoxic cells in the murine lymphoid system - Joan Brien
Tuesday June 2
Helicobacter pylori - Laos McShane/ A/Prof. Allan Cripps
Tuesday June 9
Suppression mechanisms in the gut - Dr Margaret Dunkley

TIME: 1.00 - 2.00 p.m.
VENUE: Case Study Theatre
Lunch will be provided.

Alumni Association
Are you a graduate or past student of Flinders University or Sturt College?
Are you interested in maintaining contact?
For Details:
Phone (08) 201 2574 or write to:
Flinders University Alumni Assoc.
PO Box 2100
ADELAIDE 5001

Allan W Cripps, Convenor
Heart Week 1992

The National Heart Foundation's Heart Week 1992 is from Sunday May 3 to Saturday May 9. Their slogan this year is "Your Heart - Nothing is More Important". As part of Heart Week the University Health Service will be running a series of articles on heart health, dealing with the risk factors associated with heart disease. They will also be providing FREE BLOOD PRESSURE CHECKS on Tuesday May 5 in the Shortland Union from 12.30-2pm.

You will be invited to complete a Personal Health Assessment Questionnaire which will be assessed by the doctor or nurse checking your blood pressure. Information and advice will also be provided on:
- healthy eating habits
- lowering your cholesterol
- exercise
- stress management
- quitting smoking

It is hoped this information will encourage individuals and their families to prevent heart disease by reducing the risk factors.

What are the risk factors?
The first group of risk factors are known as unavoidable risk factors. These include:
- your age (heart disease increases with age)
- your sex (men seem slightly more prone to heart disease than women)
- your family history of heart disease.

Although you cannot alter these factors it is important to be aware of them as their presence makes it more important to minimise the avoidable risk factors which are:
- high blood pressure
- high blood cholesterol
- too much fat, salt, sugar or alcohol in the diet
- being overweight
- lack of exercise
- cigarette smoking

So if you reduce these factors you may also reduce your chances of heart disease.

High Blood Pressure

What is blood pressure?
Blood pressure refers to the pressure exerted on the walls of blood vessels as blood is being pumped around the body by the heart.

What is high blood pressure?
High blood pressure occurs when the smallest arteries become narrowed and the heart must work harder to force the blood through. This causes damage to arteries throughout the body and can hasten the development of fat deposits in the arteries which can increase the risk of:
- heart attack
- stroke
- kidney damage
- eye damage

High blood pressure in its early stages usually causes no symptoms until the continual pressure has damaged certain organs, although dizziness, fatigue, tension, swollen ankles or fingers, breathlessness, blurred vision, recurrent nose bleeds and persistent headaches can be associated with high blood pressure.

Lake Macquarie Art Exhibition - A Collaboration between Artists

An exhibition held at the Lake Macquarie City Art Gallery featured sculptures by the Director of the University's School of Art, Design and Architecture, Mr. Graham Gilchrist, and paintings by art lecturer from the University of South Australia, Mr. Ronald Hawke.

Graham's work presented a mixture of large works and small contained works which represent the Cobar region where he recently spent study leave to complete the exhibition.

He describes his work as being formed from the experiences of the Lake Dartmouth region where the impact of human intervention in landscape growth and change is powerfully illustrated, especially with the construction of a dam, an artificial lake and a powerstation.

"My work forms sculpture within the landscape and a specific environment encourages me to participate as a sculptor in collaboration with nature," Graham said.

The works of Ronald Hawke presented an entirely different point of view and might have completely altered some people's perception of the backyard clothesline.

His paintings on exhibition, large, colourful and realistic, offered various perspectives on the ritual of hanging washing on the ubiquitous Hills Hoist. They featured a naked woman pegging colourful washing out, an aspect used by the artist to comment on urban living in Adelaide.

"Backyards in Adelaide are very private places and the light is very intense, so I chose to represent this aspect in my art. The backyard is the carefully contrived haven where we relax, entertain our friends, hang our washing, grow green grass and treasure our privacy. It is also usually dominated by the clothesline," Ronald said.

"I have enjoyed renewing my links with Newcastle and Lake Macquarie and am pleased to be involved with the lively art scene here," he said.

Environmental Consultants Needed

The Centre for Environmental Management is receiving numerous telephone calls from many sectors of the community wanting information and contacts in many areas of environmental research. The callers are also looking for environmental consultants in a range of specialist areas.

The Centre's Survey of Environmental Education, Research and Consultancy, is one information base. However, we need further updates and new information on your research and consulting interests in the environment so we can refer these inquiries to relevant University specialists.

If you wish to be contacted regarding your work - any updates on half page to Diana Day would be appreciated.

The Centre can be contacted by telephoning 215556 or fax 216909.
Giardia Conference - Not Just of Academic Interest

Giardia is the most common intestinal pathogen affecting humans world-wide and is particularly significant as a cause of clinical disease in children in developing countries and among disadvantaged groups such as Australian Aborigines.

The topic Giardia; from Molecules to Disease and Beyond, will be the subject of a major conference to be held at the Fremantle Esplanade Hotel from December 6 to 9, 1992.

The world’s leading experts in the field of Giardia research are expected to attend the conference which is being organised by Murdoch University’s Institute for Molecular Genetics and Animal Disease and the University’s Conference Office.

Compared to other parasitic diseases, Giardia is ranked number six as a cause of death, not diseases, Giardia is ranked number six as a cause of death, not

Giardia Conference - Not Just of Academic Interest

Giardia and alleviating the consequences of the disease it causes.

With the advent of molecular biological techniques, progress in such research has been rapid and a large number of institutions in the United States, Europe, Asia and Australasia are currently involved in research on Giardia.

It is very important that there is co-ordination of this international research effort and a free exchange of ideas and information.

In an on-going attempt to develop a climate of collaboration, international exchanges, such as the conference on Giardia in Fremantle have been organised.

The Conference will provide a much-needed forum for the dissemination of research data and the generation of new initiatives in the fight against this ubiquitous pathogen.

Anyone requiring further information about the conference should contact the Conference Centre at Murdoch University on (09) 360 6000.

For further information, contact: Assoc. Professor Andrew Thompson, Murdoch University. Telephone (09) 360 6000.

XIII World Congress of Social Psychiatry
November 9 to 13, 1992
Venue: Taj Palace Hotel, New Delhi, India

This is the first time a world congress of social psychiatry will be held in a developing, non-western country. It is also the first time that a world congress in any area related to psychiatry or mental health will be held in India. Prominent social psychiatrists both in India and from other countries will participate in the congress.

Theme:
The Developing World and the Third Millennium
Sub-themes:
Technology, Ecology, Mental Health;
Interface between Futurology, and Social Psychiatry;
Psychosocial stress and Mental Health; and
Drug Control in Different Countries.

Pre-and Post-Congress Tours will be an added attraction.

For further information please contact Dr Romesh C. Amar at (02) 787 3000 (Thursdays), (02) 631 4620 (Fridays) or (049) 692 305 (other days).

Registration is required before June 30.
Abstract Submissions are required before May 31.

Athletics (from p1)

Management group's feasibility study proposes that the new facility would include an international class synthetic surface, be located in an area closer to the demographic centre of Newcastle, free up land in the inner city area of Newcastle and would benefit "several academic, educational and sporting needs of the University."

Professor Morgan said he believed that the athletics track is important as it would "add to the resources of the university, the city and the region and would provide a potential focus for community activity within the university."

Several groups within the university will benefit through the location of the proposed facility on the main campus. According to the feasibility study, the proposed athletics track will promote a resurgence of athletic activity within the university and will provide the university with a high-quality venue.

The cost of the facility is estimated at $1.11 million, half of which, it is proposed, would be contributed equally by the Newcastle and Hunter Branch Athletics NSW, Newcastle City Council and the University. Government funds are expected to cover the balance.

Swiss Author Visits University

The Swiss author Otto Marchi will visit the German Section of the Department of Modern Languages on Tuesday, May 19, 1992.

He will give a public lecture entitled Vom schmelzenden Glanz einer Schokoladerepublik (Melting Moments of a Chocolate Republic) on the same day at 3.00pm in the Audio-Visual Theatre of the Auchmuty Library.

ALL WELCOME.

Otto Marchi was born in Lucerne, Switzerland and studied history and German Literature at the University of Zurich. He wrote a PhD thesis on 19th century Swiss history.

He has worked as a journalist and editor and has published books on Swiss history (Schweizer Geschichte fur Ketzer, 1971) and has written several novels (Rckfalle, 1978, Sehschule, 1983 and Landolts Rezept, 1989).

Otto Marchi is presently on a lecture tour of Australia and New Zealand.
Men, Women and the Austrian Theatre

Professor Hilde Haider's first comments on Australia were that she spends much of her time explaining to people in other English speaking countries she visits that Austria and Australia are, in fact, different countries and that the people there speak different languages.

Professor Haider, Head of the Department of Theatre Studies at the University of Vienna, is undertaking a three week tour of Australian Universities, having been invited here by Monash and Newcastle Universities. Her travels have taken her to Melbourne, Adelaide, Canberra, Sydney and Newcastle, where her only complaint was the mosquitoes. Whilst in Newcastle Professor Haider gave a talk on Austrian Literature and Theatre to the staff and students in the German Section of the University's Modern Languages Department. "I am surprised at how much interest there is in Austrian literature and theatre here in Australia", she said.

Professor Haider also spent time with postgraduate students, Irene Hoetzer and David Scott, who are both working towards their PhD's in the German Section. Professor Haider provided a great deal of inspiration to Irene in particular, who is writing her thesis on "Feminist Stereotyping in Contemporary Austrian Literature".

Professor Haider's specialty area surrounds the issues and problems facing women in theatre. Her many books, articles and essays are largely concerned with the changing roles of women in theatre since the early days of Greek theatricals. "Of the thirty three classic pieces written for Greek theatre, over half had women's names in their titles or had roles for women. Yet no woman ever appeared in these plays. The women's roles were enacted by men."

Women were accepted into theatre in the eighteenth century, however Professor Haider states that feminine stereotypes quickly developed. "Men's roles are differentiated, but every role a woman plays reflects society's typical portrayal of women" she said.

Her passion for feminist issues is obvious, however she states firmly, "I am not a feminist - I believe in Utopia, a hierarchy-free society, not a society where we kick out all the men."

Professor Haider is a theatre critic for leading Austrian newspapers. She is accompanied on this trip by her son, Michael, who is studying history at the University of Vienna.

You're Never Too Old to Learn

A group of thirteen Danish students, most of who are retired, are visiting Newcastle following a successful visit of forty-six Danish students last November. Hosted by Newcastle University's Community Programmes, they are here to learn about the country and meet the people.

"This is no ordinary tourist trip," said Mr Leif Lemke, Danish language lecturer at the University, "they are here to learn about Australian geography, history and culture."

According to John Collins, Director of the Community Programmes Department, Newcastle was chosen because of its "representativeness on a number of features of Australia as a whole; because of its well-developed adult educational reputation and because of its perception by foreigners as being friendly and open to visitors."

The thirteen students attend a "Folk School", or "People's University", an institution established over 150 years ago to teach not the religion and "high culture" taught at the church-run universities of the time, but to teach and enquire into folk or popular culture.

Following seven days of lectures, visits and tours in the Newcastle area, the group will spend shorter periods of time in Sydney, Mackay and Melbourne. There is no doubt that they are in good hands, as their tour leader, Johann Nørgaard speaks six languages fluently and has taken similar groups to such distant places as Greenland.

The concept of group tours such as these will hopefully expand. According to Mr Lemke, a different kind of tourism "not the Surfer's Paradise type" should be promoted in Australia. In that way groups of tourists (of similar ages) could enjoy many positive aspects of travel, whilst meeting the locals and learning about the country.

Community Programmes are currently organising a study tour to the classical sites of Greece and Rome. The tour is scheduled to take place from November 30 to December 18 and will be led by Mr Ron Newton, a lecturer in the Classics Department at the University. Anyone interested in the classics and ancient history is invited to join the tour. Twenty places are available and inquiries should be directed to the Community Programmes Department.

Notice of AGM

The Annual General Meeting of the Sports Union will be held on Wednesday, May 6, in the Great Hall, commencing at 5.30 pm. Nominations, which must be seconded and accepted by the nominees are invited for the following positions on the Sports Union for 1992: President, Honorary Secretary and Honorary Treasurer. It is essential that the nominee, proposer and seconder be Ordinary Members of the Sports Union. Nomination forms may be obtained from the Sport and Recreation Unit office. Closing date for receipt of nominations at the Sport and Recreation Unit office is Wednesday, April 29 at 5 pm. Please see notice boards for full Annual General Meeting agenda.
Recreation Officer Appointed

A new addition to the staff of the Sports Union is Kylie McLean who was recently appointed to the position of Recreation Officer.

Kylie has an Associate Diploma of Health Science (Sport and Exercise) majoring in Sport, Recreation & Leisure Management and Exercise Physiology, from the University of New England and next year hopes to complete a Bachelor of Education (Physical Education) degree commenced at the Queensland University of Technology.

Kylie was previously employed as Fitness and Recreation Advisor/Assistant Manager at the Queensland University of Technology Gymnasium, a position which allowed her to acquire valuable experience in coordinating and administering leisure, recreation and sporting activities for students and staff of a tertiary institution.

Kylie has a strong interest in all areas of sport and fitness and has specific expertise in exercise prescription, fitness testing and aerobic instruction. She is energetic and enthusiastic and is anxious to expand the number and types of fitness and recreation classes offered by the Sports Union. Kylie is also particularly keen to see more women taking an active part in sport and recreation on campus.

In an endeavour to increase the overall participation in recreational activities, Kylie is currently organising several social sporting competitions and is compiling a full competition programme (e.g. touch football, softball, indoor soccer.. and more.. for men's, women's and mixed teams) for lunch breaks on week days of next semester. A programme of activities will be available later from the Sport & Recreation Department and campus sporting complexes for next semester. Also, watch the notice boards - the programmes and day-to-day activities of the Sports Union will be advertised on these boards.

Good news also for aerobic fans (and for those who should be!) - Step Reebok starts next month.

If you would like to improve your fitness or discuss participation in a recreation or sporting activity, have a chat with Kylie. You can reach her on extension 5577.

Victories for Netball Team

Members of the University netball team who travelled to Albury in late March to take part in the Eastern Conference Games were delighted to return with the Eastern Conference Netball Championship trophy.

The Newcastle team beat a University of New South Wales side (which won the Australian Universities Netball Championship in 1991) in the semi finals 39-14 and went on to beat Wollongong University 36-16 in the final.

Congratulations to Newcastle players Fiona Wilson, Katy Searant and Joanne Hanley (reserve) who were named in the New South Wales Eastern Conference Games honour team which was selected at the conclusion of the competition.

The win at the Eastern Conference Games has earned Newcastle the right to compete in the Netball Championship at the Australian Universities Winter Games to be hosted by Melbourne University in July.

MAD SEARCH FOR ALUMNI

Murdoch University has gone mad!

Fortunately the apparent state of mind has nothing to do with the sanity of those presently attending the University, but rather with an ambitious attempt to get in touch with all former members of the campus community.

The recently formed Alumni Office at Murdoch University has launched an enthusiastic campaign to discover the whereabouts of its former students and staff in the Murdoch Alumni Drive.

"We hope to maintain or regain contact with all former Murdoch students - graduates and non-graduates, our former staff - academic and non-academic, and anybody else who has had some formal connection with the University", said Alumni Officer Rob Osborn.

"A strong alumni network helps to keep the University in touch with the community - locally, nationally and internationally. Institutions of higher learning are always in danger of becoming remote from the communities they are intended to serve", he said.

"Two-way communication between the University and its alumni is simultaneously a way of preventing the 'ivory tower' syndrome appearing and of keeping our friends and supporters in touch with recent developments at the forefront of teaching and research".

Mr Osborn said a strong alumni organisation was of mutual benefit to the University and to former students and staff.

"Without question, former students and staff are our most valuable ambassadors. No-one is better placed to tell others about life at Murdoch," he said.

"And, in return, the University must ensure that it uses the valuable feedback it receives from its alumni to ensure the quality of the Murdoch University is maintained."

All former members of the University community are asked to register with the Murdoch University Alumni Office, Murdoch University, South Street, Murdoch, WA, 6150.

Phone: (09) 360 6144; Fax (09) 310 4233

COPYRIGHT CORNER

Q. Why is the cost of copying broadcasts for use in courses so high?

A. An educational institution has to pay for the resources it must utilise such as electricity, paper, computers etc. Copyright is as much a resource as any of these.

Since 1980 educational institutions have been allowed to photocopy material for their educational needs within prescribed limits, a right the University exercises on payment of an annual sum from central funds. The Copyright Act was further amended in 1989 to give to educational institutions a statutory right to copy off-air, subject once again to payment. This statutory right was an important achievement and followed many years of often difficult negotiations.

Whilst we would all like to copy broadcasts without any, or only nominal, payment, commercially the rates we are called upon to pay are regarded as moderate. The rates, as well as the records to be kept, are the result of lengthy negotiations between AVC, ACDP and AVCS.

Don't forget that these arrangements apply only to off-air copying. If a copy of a particular broadcast is available for purchase commercially, it will generally be found to be cheaper than a copy made off-air.
Co-op Bookshop and ABC Education Centre - Official Opening

The Chairman of Directors of the University Co-op Bookshops, Professor David Fraser, said at the official opening of the University's newly expanded bookshop recently, that he was pleased that customers now had room to browse in comfort.

The bookshop's new premises located in the basement area of the Shortland Union Building is spacious and within easy access to all areas of the campus and is now able to carry a much broader range of texts.

Professor Fraser said it was now one of the largest of the 40 bookshops operated by the organisation and one of the two which is conducted in collaboration with an ABC Education Centre.

He said that until now the Co-op Bookshop had operated in very cramped quarters and even though course texts were always available, now they are able to be displayed more attractively.

"The Co-op Bookshop has a commitment to providing good service to students and staff and also the wider academic community," Professor Fraser said.

"We also aim to provide all material needed for study at the best possible price," he said.

The Vice-Chancellor, Professor Keith Morgan, said the University now not only had a bookshop, but a good bookshop. He said that he hoped more development and expansion was planned. He also said he was delighted that it was linked with the ABC Bookshop with its comprehensive range of interest books.

"For those of us who are addicted to books, this will be a place that will draw us back again and again," Professor Morgan said.

Spit Roast and Jazz on the Terrace

A dinner function was held on Friday April 10, to celebrate the opening of the new Dining Room Terrace at Edwards Hall. Some 250 residents enjoyed a spit roast dinner and entertainment by a local jazz band.

Trevor Waring, Chair of the Board of Trustees of Edwards Hall officially opened the Terrace by "cutting the ribbon". Designed by Rodd, Hay Craig and constructed by R.W. Black, the Terrace cost in the region of $160,000. It will be funded from the Hall's conference and function activities.

The upper section of the Terrace provides seating for up to 70 persons and is expected to be a popular breakfast venue in warmer weather. The lower area provides an extensive undercover entertainment facility adjacent to the Forsythe Cellar and is to be equipped with a barbeque and some seating. Lighting has been provided enabling the use of the Terrace and its undercover area during the evenings.

Presentation of Book Prizes

Two little girls who have proved to be a dab hand at colouring-in have been presented with book prizes by the University Co-op Book Shop.

Candice Fazzard, 9, from Teralba and Kathryn Allan, 7, from Merewether, were presented with their prizes for winning the colouring-in competition conducted in connection with the University's display at the Newcastle Show.

Both girls list reading and writing stories as among their favourite occupations although Kathryn also enjoys maths and flying kites.

Pictures at the official opening are the Vice-Chancellor, Professor Keith Morgan, the ABC's representative, Ms Madeleine Randall, Manager of the Co-op Bookshop, Ms Rox Moore, the Chairman of Directors of the University Co-op Bookshops, Professor David Fraser and the General Manager and Chief Executive Officer, Mr Jack McLoone.

Mr Trevor Waring and Dr Mike Blackmore at the Opening of the new Terrace at Edwards Hall.

Candice Fazzard (left) and Kathryn Allen are presented with their book prizes by Co-op Bookshop Staff member, Venessa McCullough.
Dear Editor,
An article that I submitted for publication in the Bulletin of December 2, 1991 on "Forty Years of University Education" (p.8) contained a printing error.

In the second paragraph, reference is made to the setting in motion of "Newcastle Technical College" (sic) in December, 1991. In fact, the Newcastle Technical College had been established much earlier in the 1890's (when the original Technical college opened in Hunter Street).

The institution that was being inaugurated in December, 1951 was Newcastle University College (NOT Newcastle Technical College).

Denis Rowe
University Archivist

Research (from p15)

No Set Closing Date
Alexander Von Humboldt-Stiftung Sponsorship Programme: Humboldt Research Fellowships for Foreign Scholars; Humboldt Research Awards for Foreign Scholars (Natural scientists from the USA, Humanities scholars worldwide & Research Awards on the basis of reciprocity); Max Planck Research Awards for Foreign and German Scholars; Research Fellowships for German Scholars.

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

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.

Photographic Competition
University People and Places
A University photographic competition is being jointly sponsored by the University's Art Committee and the Information and Public Relations Unit, with assistance from the Communication and Media Arts Department.

Prints can be black and white or colour - the only stipulation is that they are 10" x 8" and competitors can submit more than one entry.

For each entry competitors must submit two prints. The first is to be mounted on 12" x 10" white board. The second print remains the property of the University and may be used in University publications.

Prizes in both judging will be: First Prize, $500; Second Prize, $250; and Third Prize, $100.

Entries will be accepted until June 30, 1992 and should be handed in at the enquiry counter, Public Relations Unit, The Chancellery.

Pat the Pratt

Dam! I’ve run out of petrol.

Oh no! Three minutes to my tute, I can’t afford to be late again.

Pat! Pat!

Hey help me, I’ve run out of petrol!

Aah ha ha ha he he he.......

I’d better do something about that blasted! fuel gauge.

By J Glenfield
Research Grants for 1992

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

Australian Neuromuscular Research Institute
Perth, Australia. Project Research Grants - Priority areas include molecular genetics, molecular pathology, molecular biology, restorative neurology, neurophysiology and cell biology.

National Heart Foundation of Australia
Grants-in-Aid for Medical Research; Grants-in-Aid for Education/Health Promotion Research; Travel Grants (apply two months prior to travel).

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

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

Cancer Council Research Project Grants
Research projects in all aspects of cancer which elucidate its origin, cause and control at a fundamental and applied level.

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

The Apex Foundation for Autism
Grants in the area of research to advance the knowledge, treatment or prevention of autism or to promote health, welfare or general well being of autistic people.

RV Franklin - Ship Time Available - National Facility
Steering Committee Oceanographic Research Vessel-for the conduct of physical, chemical and biological oceanography.

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

Scientific Exchanges with the UK - 1993
Australian Academy of Science. To support collaborative research between Australian and UK researchers.

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

Rhone-Poulenc Fellow - Grant for Scientific Visit to France-1993. Under the Bede Morris Fellowship Scheme.

Scientific Exchanges with Japan - 1993/94
Australian Academy of Science. To support collaborative research between Australian and Japanese scientists.

Scientific Exchanges with China - 1993/94
Australian Academy of Science. To support collaborative research between Australian and Chinese scientists.

FELLOWSHIPS, CONFERENCES & PRIZES

AVCC Hungarian Government Scholarships
For postgraduate study in every field tenable in Hungarian institutions.

NH&MRC Public Health Travelling Fellowships
To enable Fellows to make postgraduate study tours abroad or within Australia.

National Heart Foundation of Australia
Fellowships tenable in Australia and overseas; Postgraduate Medical Research Scholarships; Postgraduate Science Research Scholarships (21 October); Vacation Scholarships (5 September).

AVCC French Government Scientific Fellowships
To enable Australians working in scientific and technological fields to visit France.

Rothmans Foundation Fellowships
Open to graduates of any University for the specific purpose of postdoctoral research.

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

1992 Asia Pacific Microwaves Conference & Fifth Symposium on Millimetre and Submillimetre Waves Adelaide Convention Centre. (Note: Date given above is actual date of conference.)

Postdoctoral Fellowships in Japan
Australian Academy of Science - Awards for scientists 1993/94.

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.
Sonja Duncan recently joined the Information and Public Relations Unit as Information Officer, replacing John Armstrong. Sonja has previously worked as Marketing Executive for a Management Consultancy company and, more recently, was responsible for the Marketing, Public Relations and Promotions activities of the Medical Defence Union's Australasian office.

Sonja is very familiar with the University of Newcastle, having completed a Science Degree with 1st Class Honours at this University. She undertook a year of a PhD in the Faculty of Medicine, before realising that her true passion and strengths lay in the somewhat unrelated fields of Public Relations and Journalism.

"It was a big move for me. I went to Sydney looking for work, armed only with enthusiasm and self-confidence! I had little experience and no qualifications on paper, however had no difficulty in obtaining my first position." Sonja undertook several courses in her new area of interest and had soon left science far behind.

In between her studies and pursuing a new career, Sonja (who had always been interested in adventure sports) took up hang gliding and soon became addicted to the thrill the sport offered her. Whilst learning to hang glide, Sonja met her husband, a former World Hang Gliding Champion and with his coaching and encouragement was selected as a member of the Australian Women's Hang Gliding Team in 1991. Sonja represented Australia at the World Championships in Austria last year (her team placed 4th) and hopes to be selected on the Australian team to compete in Japan at the 1993 Women's World Hang Gliding Championship.

Sonja is looking forward to the challenges offered her by the position of Information Officer with the Information and Public Relations Unit of the University.