POSTNATAL DEPRESSION IN THE HUNTER

From a background in Social and Urban Geography, Ms Deborah Lloyd, a PhD student in the Faculty of Medicine, is conducting research into Postnatal Care for Women. Deborah, herself a mother, says that she can understand why women get depressed during their first year of motherhood.

"When you're pregnant and when you're giving birth everyone is interested in you - especially the medical profession," Deborah states. "When you leave the hospital you get a bit of attention at first, but then you just seem to drop off the edge," she adds, verbalising what she believes to be the plight of many postnatal women.

According to Deborah, postnatal depression is a common problem and is the most frequent complication following childbirth. Deborah explained that postnatal depression has serious consequences, resulting in a wide range of social and psychological morbidity for the mother, the baby and the rest of the family. She adds that despite the fact that postnatal depression can be prevented and remedied, it often remains unrecognised or untreated.

Deborah's research, conducted under the supervision of Dr Sally Redman from the Discipline of Behavioural Science in Relation to Medicine, Faculty of Medicine, is part of a larger scale Postnatal Care Project. The project is a collaborative effort between the Discipline of Behavioural Science and the Hunter Area Health Service's Child, Adolescent and Family Health Service, and is funded by the National Health and Medical Research Council.

The Postnatal Care Project incorporates a total of nine studies, including a prevalence study, a usual care study, a satisfaction and needs study and a natural history study. In this way, all aspects of postnatal depression, from its prevalence, through to the care and services available, will be covered.

Deborah, who hopes to complete her PhD within twelve months, has presented papers at a number of national and international conferences. She presented a paper entitled Postnatal Depression: Prevalence, Detection and Usual Care in a Primary Care Setting at the 10th International Congress of Psychosomatic Obstetrics and Gynaecology, held recently in Stockholm, Sweden. The paper highlighted the importance of the role of community nurses in caring for women with postnatal depression.

Deborah described community nurses as "health professionals with either three or more certificates in nursing, midwifery and/or paediatrics". She outlined that these nurses operate free, community-based clinics to which a woman is referred after discharge from hospital following the birth of her baby. According to Deborah, the overall attendance at Early Childhood Health Centres is 80%, with 98% of women attending these centres at least once in the Hunter region.

"When you leave the hospital you get a bit of attention at first, but then you just seem to drop off the edge."

Deborah indicated that at least two opportunities for improving Early Childhood Health Services exist. She says

Deborah Lloyd - intervention programs needed
THE ETHICS OF HUMAN RESEARCH

Although some 70% of applications received by the University's Human Research Ethics Committee come from the Faculty of Medicine, Ms Jo Cooper, Chair of the Committee and Assistant Dean of the Faculty of Law, says that the other 30%, which come from areas such as Nursing, Health Sciences, Psychology, Biological Sciences and Social Work can be just as interventionist.

And even though the form of intervention may not be "physical", Ms Cooper explains that any research involving intervention with humans (be it via questionnaires, the use of data, or the way in which approaches are made) is carefully evaluated by the Human Research Ethics Committee (HREC).

A Committee on Research on Humans and Other Animals, dates back to 1977, as a response to concerns expressed by the National Health and Medical Research Council (NH&MRC) to ensure ethical scrutiny of medical research. Subsequently the NH&MRC made it clear that future access to funds from the Council would only be available to those institutions which placed all research projects involving humans through the scrutiny of properly constituted ethics committees.

The University's HREC took on its current form in 1984 when it was separated from what then became the Animal Care and Ethics Committee. The Committee's objectives are:

- To consider the ethical implications of all proposed research projects and determine whether or not they are acceptable on ethical grounds;
- To provide for surveillance of research projects until completion so that the Committee may be satisfied that they continue to conform with approval of ethical standards;
- To maintain a record of all proposed research projects;
- To establish and maintain communication with the NH&MRC Medical Research Ethics Committee (MREC) and provide access, upon request, to information in the HREC's record to the MREC.

Ms Cooper says the HREC is a "fascinating committee to be on". The NH&MRC specifies minimum membership of the committee to consist of a lawyer, a minister for religion, a medical graduate with research experience, and a layman and laywoman. Ms Cooper says that the Committee, which includes 17 members, is very fortunate to have graduates from psychology, nursing, education, biological sciences and social work as well. This ensures that the Committee has expertise in any field of research which could potentially involve human intervention.

Of the 20 to 30 protocols looked at by the HREC each month, very few are rejected, although applications may be deferred because the information provided is incomplete or insufficient. Ms Cooper commended that researchers these days are extremely aware of the ethics involved, however adds that at times, a particular ethical aspect may not have been considered.

"We then offer constructive advice on how a particular ethical problem can be overcome," Ms Cooper says. Advice may concern the content of information and consent forms, the manner in which a project is to be pursued, or restrictions concerning confidentiality of information and security of data.

Ms Cooper indicated that most people have a very positive response to the Committee, adding however, that some people are worried that the Committee may be "crossing into territory" where it is assessing the science of the research. "It is not our policy to do that," Ms Cooper commented. "We are simply taking on the role of assessing whether the research is ethically acceptable. Sometimes the only way an ethical dilemma can be solved is by adopting an alternative method, which we will suggest," she added. Ms Cooper is aware, however, that this is a very difficult line to tread and thus understands the concern that some researchers may have.

In the light of concerns expressed by the NH&MRC that the ethical consideration of research projects should not neglect the student projects that arise from the teaching program, the Committee extended its operation in 1989 to include senior student project work. However, the volume of work became too large for one Committee, and as such, sub-committees were formed. These deal with research projects derived from the teaching program in the areas of Psychology, Education and Health Research. According to Ms Cooper, these sub-committees may look at hundreds of applications from undergraduate students.

Ms Cooper says that for the work load to be manageable, more thought may have to be given to group projects at an undergraduate level (such as those being carried out by undergraduate medical students in the Population Medicine strand).

"There is even suggestion at some levels that undergraduate students shouldn't be involved in research work that involves human intervention," Ms Cooper said. She added that the implication of a recent document agreed to by the Australian Vice Chancellor's Committee (AVCC) and the NH&MRC is that people don't expect undergraduate students to be involved in this sort of work. "That is something we, as a University, may have to discuss further," she suggested.

Ms Cooper was recently asked to join the Australian Health Ethics Committee on Institutional Ethics Committees, which assists the Institutional Ethics Committees (IEC's) with their work. The AHEC has revised the NH&MRC Statement on Human Experimentation and Supplementary Notes and has also produced a document concerning the Clinical Trial Notification Scheme, approved by the NH&MRC in June this year.

The Australian Health Ethics Committee has requested Ms Cooper to work with Professor Don Chalmers, Head of the Law School at the University of Tasmania, to produce a discussion paper which will lead to advice to IEC's on questions of legal liability and indemnity.

POSTNATAL DEPRESSION
Continued from p1
ICE STATUTES AND TELEPHONE BOOKS

From zero degrees in Tasmania to 33 degrees in Korea, Doug Absalom has experienced a full temperature range while attending conferences during this past month.

Doug attended the third Seoul International Conference of Linguists (SICOL), a Conference that has become of increasing importance since its inception in 1982. The invited speaker list at SICOL 92 read like a “Who’s Who” of world linguistics, and included William Labov and Gillian Sandkoff from Pennsylvania, Igor Mel’cuk from Russia via Canada, Oswald Ducrot from Paris, Manfred Bierwisch from Berlin, Ferenc Keiter from Budapest, John Sinclair from Birmingham, Jurij Apresjan from Moscow, Emmon Bach and James Hall at the Korea University, the presentation showed careful planning and the successful inter-relationship that had occurred with such corporate sponsors as the Hyundai automobile manufacturing company. The Conference papers were published in a book of proceedings which exceeded 1100 pages. This volume became known as ‘the telephone book’ at the Conference.

At the International Dinner, Doug, who had the honour of being the first Australian linguist to give a paper at a SICOL conference, presented the convenors, Professors Park and Chung, and the President of the Korean Linguistic Society, Professor Lee, with University of Newcastle ties on behalf of our University and the Australian Linguistic Society. A toast was drunk at the end of the evening expressing the wish that all delegates (and there were more than one thousand in attendance at the Conference) meet again at the fourth SICOL in 1997.

Doug’s paper, entitled Saturation, Immersion or Extraneous Variables: Teaching English to Koreans in Australia presented at the Thursday afternoon session of the conference excited a number of comments, including one from Labov, who suggested that there were many practitioners who knew little about linguistics and many linguists who knew nothing about practice and that Doug’s paper was opening up a combined area of investigation that would be essential for productive language learning into the next century.

The standard of linguistic analysis at the Conference was very high, many Korean students having studied at American universities to produce analyses of their own native language. Some of Doug’s former students, in particular those in the Ewha/Newcastle exchange program, were able to meet him in Seoul and their language abilities compared very favourably with those of the American trained students. Although Australia is only a recent participant in extending educational opportunities into Korea, it seems clear that Newcastle University is playing a very significant role.

Doug says that it has been a very busy month at the English Language Centre. Sydney played host to no less than seven language oriented conferences during late June and early July, Doug, the national treasurer of the Australian Linguistic Society, was able to present a very healthy financial report at the A.L.S. Annual Conference at Sydney University, and two weeks later, presented a paper based on the methodologies of the Newcastle University Elicos Centre at the Applied Linguistics Association of Australia Annual Conference which was also held in Sydney.

Three members of Doug’s staff, Helen Fitzgerald, Diana Kik and Sandra Boyd also attended A.L.A.A. and were able to see such field leaders a Mike Long from Hawaii, Robin Pawcett from Wales, Chris Candlin from Macquarie University and Michael Halliday, formerly from Sydney University, in action.

Martin Schlaeger, another member of the Elicos staff, was able to attend a full day session of the inaugural Australian Linguistics Institute at which Manfred Pienemann examined some aspects of psycholinguistics and computerised language assessment. Another staff member, Carolyn Evans, attended a weekend course conducted by Professor Theresa Pica, of the University of Pennsylvania. This course, held at the Language Acquisition Research Centre at Sydney University, was part of Carolyn’s post-graduate studies and examined language negotiation in the foreign language classroom.

After taking in some overlapping sessions at the Australex Dictionary Conference and the International Systemics Conference in Sydney, Doug attended the 3-day ATESOL Conference in Hobart where again, Chris Candlin was one of the leading presenters. This conference expressed deep concern at the increased accountability measures proposed by the Federal Government for all centres and teachers teaching English as a Second Language in Australia, but Doug derived considerable comfort from the observations that our own centre was very advanced in its methodology, its continuing self assessment and in the upgrading of staff qualifications.

“Only the best of horses pass through here” Doug Absalom in Korea on his birthday. August 1.

DREAMS AND DYNAMICS

The International Association of School Librarians are holding their conference in conjunction with the 13th Biennial Conference of the Australian School Library Association from September 26 to 30, 1993.

Papers on the theme Dreams and Dynamics are requested - dreams of the direction in which school libraries and services may advance in the future and the dynamics of setting the dreams in motion.

For further information contact Annette Chalmers, St Peters College, St Peters SA 5069, no later than September 30, 1992.
A POLITICAL, PHILOSOPHICAL AND SOCIAL ENDEAVOUR

In an effort to highlight some of the limitations of the body of work known to educators world-wide as Critical Pedagogy, Dr Jennifer Gore, from the Department of Educational Studies, has teamed with Dr Carmen Luke, Senior Lecturer in Social and Cultural Studies at James Cook University, North Queensland, to publish a collection of essays under the title Feminisms and Critical Pedagogy (Routledge: New York and London).

In the introductory chapter they write: We decided to center an emergent feminist discourse by bringing together various recently published or presented papers that reflected on personal encounters with critical pedagogical practice. Some of us had expressed skepticism of the theoretical bases which informed what had become known as “critical pedagogy”. Others had related unsatisfactory classroom attempts at implementing strategies prescribed by critical pedagogy discourse. This book positions collectively these different, but connected, readings of critical pedagogy discourse.

According to Dr Gore, Critical Pedagogy has traditionally drawn on Marxist sociology. She says that it talks about what ought to happen in classrooms and addresses social class differences. Adopted by people in schools and universities, Critical Pedagogy talks about empowering students and giving the participants of education a “voice”.

“Critical Pedagogy has, in a large part, attempted to create theories to explain all teaching in a kind of universalising, totalising way,” Dr Gore explained. She added that one of the aspects of feminist work generally is that it avoids these kind of grand theories and attempts to avoid prescribing what is correct for others to do.

The editors describe the production of their book as a political move as well as a philosophical and social endeavour. They write: Our efforts in this book are directed towards a re-thinking and re-visioning of subjectivity, identity politics and formation, and knowledge from a stand-point of feminist educators. As feminist educators, we are women who stand hip-deep in cultures saturated with phallocentric knowledges, in institutional structures ruled epistemologically and procedurally by men and masculinist signifiers, and in a discipline which, despite its historical terrain as “women’s work” - a caring profession - remains the theoretical and administrative custody of men.

In her foreword, Maxine Greene, Chair in the Foundations of Education at Columbia University, says that in Feminisms and Critical Pedagogy, the writers “declare their responsibility to alter this: to clarify the meanings of gender; to redefine the masculinist ‘subject’ and to rediscover the significance of embodied subjectivity; and to develop, as women, a pedagogy of possibility.” This book “provides the opportunity to perceive a feminist pedagogy in the making - a pedagogy actually defined by activist women teachers, forged out of the palpitant stuff of their own classroom practice and the material of their own embodied lives. This book is a sign of something happening, something that has never happened in this manner before.”

Dr Jennifer Gore is a graduate of the Adelaide College of Advanced Education and taught at the high school level prior to undertaking a Masters Degree in Canada. She then worked at Newcastle CAE and the University of Queensland in Education and Human Movement Studies, before leaving the country once again to undertake a PhD in Curriculum and Instruction at the University of Wisconsin (USA).

Dr Gore was offered numerous positions in Australian universities upon completing her PhD and accepted the position with the Department of Educational Studies at Newcastle University. Within a year of arriving at this University, she was promoted to Senior Lecturer and won an Australian Research Council large grant. She has just completed writing a book entitled The Struggle for Pedagogies: Critical and Feminist Discourses as Regimes of Truth and is currently focussing on her empirical research into the specific practices of power in various pedagogical sites.

Feminisms and Critical Pedagogy will be available for sale in the Co-op Bookshop in early September.

NEW PROJECTS FOR THE UNIVERSITY

The Vice-Chancellor, Professor Keith Morgan, said today that he was pleased with the special additional funding the Commonwealth is providing to the University in the 1992-1993 Commonwealth Budget.

The Commonwealth Minister for Higher Education and Employment Services, Mr Peter Baldwin, provided details of the additional funding in a supplementary statement to the Commonwealth Budget Statement delivered by the Treasurer, Mr John Dawkins.

An additional $2 million is to be provided to the University for new building projects and is to be used for special capital projects which will bring both short-term and long-term benefits to the University and the Hunter Region.

Professor Morgan said that two new major capital projects are being supported. He said the University's principal library, the Auchmuty Library, is to be extended and refurbished and that extensions will allow students and staff better access to the library's extensive collection

"Associated with the extension and refurbishment of the library will be the relocation of the University's Central Store and maintenance facilities.

"The second major new project will enable extensions to be made to the

Architecture buildings to provide adequate studio space which will be used by Architecture students and students undertaking the University's new degree in Building," he said.

Professor Morgan said that the funds would also allow the planned Design Building for the School of Art, Design and Architecture to be extended to provide academic office accommodation and studio space for higher degree students who are undertaking innovative and creative work.

"Through the creation of additional jobs, the projects will provide a major benefit to the Hunter Region," Professor Morgan added.
PHYSICISTS TARGET ENVIRONMENTAL RESEARCH

We are all aware of the many environmental problems affecting us at a local and, perhaps more importantly, at a global level. Around the world, scientists and environmentalists are working towards solving at least some of the environmental issues threatening life as we know it. Physicists too have something to offer. Heterogeneous catalysis is just one of the areas of surface science and surface physics which is contributing positively to the world-wide environmental challenge.

Professor Klaus Wandelt, Director of the Institute of Physical and Theoretical Chemistry at the University of Bonn, is currently visiting Newcastle University, to conduct collaborative research work with the Ion Surface Group of the Department of Physics. Professor Wandelt explained that heterogeneous catalysis, which involves the modification of catalytic metals, such as platinum (used in catalytic converters in cars) can contribute a great deal to the environmental problem by cleaning up the pollution in the air.

Combining other cheaper metals (such as copper) with platinum, results in an alloy with similar properties. Professor Wandelt says that this kind of technology will lead to a reduction in the use of rare natural resources, thereby offering further environmental benefits.

"At our university in Bonn we have a strong initiative to collect all the expertise within the university (physics, chemistry etc) and to focus on the environmental challenge," Professor Wandelt said. "Everybody who can contribute will and I think that the contributions from physics and chemistry will be very large."

Professor Wandelt is the leader of a research group of 32 scientists in the field of surface science, which comprises surface physics and physical surface chemistry. His international scientific collaborations extend to China, USA, Russia, Israel, Yugoslavia, Spain, Italy, The Netherlands and, of course, Australia.

Professor Wandelt is also the present Chairman of the Surface Physics Division within the German Physical Society, which is the second largest area of condensed matter physics behind semi-conductor physics. Every German university and technical university comprises at least one surface science group, not to mention dedicated research centres such as those from the Max Planck Society.

As a "surface science man", Professor Wandelt’s links with Australia go back to 1984, when he attended a Conference on Surface Science in Sydney. "At that time I learned to enjoy the activity of surface physics in Australia as well as the beauty of this country," he said, adding that he made the decision then to spend time in Australia whilst on sabbatical.

Professor Wandelt has been in the surface science field for 20 years and is regarded by many as a leader in this area. He says that the Newcastle group offers "complementary expertise" to his own research in Germany. "The collaborative research we are conducting here is at the forefront of surface science, namely the physics and chemistry of alloy surfaces. The Newcastle group’s ion scattering techniques offer surface structure sensitive data, while in Bonn we are using mainly electron spectroscopic techniques which are sensitive to the electronic structure of the material," Professor Wandelt explained. He added that in order to obtain a complete understanding of surfaces, a combination of techniques is necessary.

Last December Professor Wandelt and Professor Lamb from the University of NSW co-organised a combined German/Australian surface science workshop, which was held in Sydney. Ten leading German surface scientists attended, along with 80 Australian representatives. "We exchanged ideas and discussed the fundamental and the more applied areas of surface science," Professor Wandelt said.

"As a result of this workshop, I now have two 'Diplom' students working here in Australia." Ekhardt zu Muehlen is conducting experimental work with the Ion Surface Group in Newcastle, while Markus Borbach, is working with Professor Lamb in Sydney.

Professor Wandelt said that a further exciting area of surface science is two dimensional physics. He explained that atoms are normally surrounded isotropically with neighbouring atoms, thus are described as being three dimensionally co-ordinated. Two dimensional physics involves the deposition of a very thin layer of material on top of a different material. The atoms at the surface of the material are therefore not surrounded isotropically and, as a result of this, display different properties. For example, a change in dimensionality of a metal can result in a normally non-magnetic metal becoming ferromagnetic.

This technology is referred to as thin-film technology and Professor Wandelt explained that everything in micro-electronics is based on thin-films. The beauty of this technology is that it will enable scientists to make new, faster electronics. It is also used for coating materials to prevent corrosion.

Professor Wandelt was recently involved in a research project with a German aluminium company to investigate the corrosive behaviour of aluminium alloys used to build aircraft. "In doing this study, I learnt that most airports around the world are located close to the coast, where corrosive attack of the aircraft is more serious," Professor Wandelt explained. As such, the ultimate goal of surface physicists is to develop alloys for aircraft manufacture which offer strength while being corrosive resistant. "Although this may not be realised in the short term, this kind of fundamental research is vital if we are to reach such goals," Professor Wandelt stated.

Surface science, according to Professor Wandelt, is the fundamental physics concerned with many of the materials of everyday life, although he adds that this is probably not a totally unbiased view. With its focus on adsorption, corrosion, heterogeneous catalysis, thin film technology and nanotechnology, surface physics certainly has much to contribute to technology and to the environmental challenge. "I deeply believe that surface science can contribute in a big way," Professor Wandelt concluded.
FROM BUFFALO TO ARIZONA

If you are a student in 2nd, 3rd, or 4th year, and are keen to expand your academic and social horizons, then you should consider a U.S.A. student exchange. Destinations include Buffalo (near Niagara Falls), Central Washington, Northern Arizona, North East Missouri and Alabama.

The University exchange program with the USA was established last year with the aim of internationalising education and encouraging international understanding. The program operates on a one-to-one exchange basis.

Ms Julie Becker, co-ordinator of the program, says that it is important for students to choose their university and subjects on the basis of their "fitting in" with what they are studying in Australia. "There is a great deal of collaboration between our students and the Faculties in Newcastle and in the States, so that we don't send our students away for study that isn't worthwhile," Ms Becker explained.

Students are responsible for their own airfares, accommodation (within student quarters) and meals, however do not have to pay tuition fees. Unfortunately no grants currently exist to help students with the cost of overseas exchanges. Ms Becker points out that funding from outside beneficiaries is always welcome! While she appreciates the economic restraints, she does encourage students to participate in the program if at all possible, saying that it is definitely worth every cent.

"Our students have great opportunities in that there is such an incredible level of participation in the American student college life," Ms Becker indicated, explaining that 90,000 people may attend college sporting activities to cheer for their teams. Aside from the differences in the "social" side of college life, the level of participation in class is also very different in America. Ms Becker, who taught in an American College, says that students are expected to participate in tutorials and lectures and not just "sit quietly in the background hoping that no-one will see them".

According to Ms Becker, Australia is lagging behind other countries in terms of the number of exchanges we offer. Newcastle University is currently considering student exchanges to Europe and the UK, as students in these countries are lining up to come to Australia to study for a semester. However as all exchanges can only be offered on a one-to-one basis, Australian students willing to experience something new and very, very stimulating are desperately needed!

Three American student are currently visiting Newcastle University for a one semester student exchange. Sam Feder is studying towards a BSc (with a major in Drama) at Oneonta State University, New York; Brandon Frederick is undertaking a BA (Education) at Central Washington University and Nadine Lew is currently studying pre-medical subjects with the aim of being accepted into the medical degree at Suny College, Buffalo.

Sam and Brandon pointed out that the number of lectures and classes held in the States far exceed those held here in Newcastle. "We attend four classes five days a week," Sam said, adding that in Newcastle most of her lectures are held over two days. She adds, however, that this is no indication of the workload, which is just as great, if not greater, at this University. Brandon added that the lectures are more formal here than in the States, where lectures are held as informal discussion sessions.

Sam, Brandon and Nadine arrived in Australia in July and will stay until November. While they are enjoying their studies here, they hope to explore some of Australia (Brandon hopes to wrestle a crocodile) and are planning trips away during semester break.

For further information on international student exchanges, contact the International Students Office on 216549.

AUSTRALIA'S FUTURE SCIENTISTS

In what the Vice-Chancellor, Professor Keith Morgan, described as a "splendid development", the Rotary Summer Science School, to be held at Newcastle University in December, has been given a "kick start" in the form of $13,500, donated by the Warners Bay Rotary Club.

President of the Warners Bay Rotary Club (District 9670), Mr Earl Sommerlad, explained that the funds had been raised by the club specifically for Rotary Science Schools. The first Summer Science School was held in 1988, however, Head of the Department of Physics, Associate Professor John O'Connor says that this year's Summer Science School, which has the theme The Earth and the Environment, promises to be even more interesting and thought provoking. He says that it will provide Year 9 students with the chance to make an informed decision about science subjects.

"The aim of the Summer School is to introduce new ideas to the students and to show them how the various areas of science are inter-related in complex studies," he said.

Professor Morgan commented that the 1992 Summer Science School will be highly effective in reinforcing an interest in science among school children. "It will open up a range of career options in science and provide an important investment for the University," he said, adding that there was a substantial shortfall in science graduates at an international level.

"Science courses open up the doors to all sorts of professions, from engineering to agriculture," Professor Morgan pointed out.

Associate Professor O'Connor added that Australia was a net importer of physicists, chemists and mathematicians and, as such, the Summer Science School would help promote the sciences to school children who will then hopefully choose a career in the field. The Rotary Summer Science School is limited to 150 Year 9 students from Rotary District 9670, which covers the area from Taree in the North, to Wellington in the West and Morisset in the South.

For further information contact Associate Professor John O'Connor on 215439.
WATERSIDE WORKERS TO BENEFIT FROM NEW MANaul

An occupational health and safety manual designed specifically for the Maritime Industry is the result of collaborative efforts between a University of Newcastle academic and the Newcastle Workers Health Centre.

The manual, written by Lecturer in Occupational Health and Safety and Management, Mr Rod Noble, and Information and Training Officer for the Newcastle Workers Health Centre, Mrs Barbara Gaudry, was launched recently in Sydney and Newcastle and has been adopted as the model for maritime industry workers throughout Australia.

Funded by Worksafe Australia under the Industry and Community Grants Scheme, the manual addresses priority issues in occupational health and safety of particular relevance to the Maritime Industry. It forms the key part of a prevention strategy to promote awareness of occupational health and safety issues and eliminate or reduce the risk of accidents, injuries and illness in the industry.

Mr Noble said it has been written for portworkers incuding stevedoring and harbour workers and seafarers including those working on harbour and ocean going vessels.

The manual has six sections: General Health and Safety, Portworkers Health and Safety, Seafarers Health and Safety, Cargo Hazard Sheets, Legislation covering Portworkers and Seafarers and a Directory of Information.

"It took two years to research and write and its main emphasis is on prevention," Mr Noble said.

"As Newcastle is an important port with a lot of cargo being moved, we had an awareness of the problems that face workers in this industry,

"There has been a lot of interest from Government areas, employer organisations, maritime and stevedoring unions and the ACTU and the manual will be distributed throughout these areas. It's the first manual of its type written specifically for maritime workers," he said.

Barbara Gaudry from the Newcastle Workers Health Centre described the manual as a breakthrough in information and as comprehensive in its content. She said the general section examines accident prevention, material safety data sheets, workplace hazards, lifestyle health issues, protective clothing and equipment as well as first aid.

"It carries information on workplace inspection responsibilities and accident reporting, dangerous goods, safe handling and transport, marine orders, and chemical dangers," Mrs Gaudry said.

"Occupational Health issues are given a high priority in the manual. Subjects such as solvents, paints, spraypainting and welding, smoking, asbestos, manual handling, confined spaces, cold work, electric shock, cancer, skin diseases, stress and shift work are dealt with as well as lifestyle issues such as alcohol, drugs, coronary heart disease, aids and hepatitis," she said.

"Statistics indicate that more than 8,000 injuries, causing over a week's lost time, occur in the transport and storage industries each year and one in five waterside workers is maimed or ill before reaching retirement. In 1990, more than 50 times as many worker days were lost from injury in the Australian shipping industry than those lost in industrial disputes.

"It follows that improved waterfront productivity must be accompanied by reduced injury, illness and compensation costs," she added.

The Manual can be obtained from the Newcastle Workers Health Centre, telephone (049) 292952.

EUROPE FROM RENAISSANCE TO ENLIGHTENMENT

Three departments from the Faculty of Arts recently hosted a small and very successful interdisciplinary conference dedicated to Europe between 1500 and 1800, the age of the Renaissance and the Enlightenment.

The conference took advantage of the presence in Australia of three specialists in early modern European studies: Dr Louisa Simonutti, from the University of Trieste, Italy, Dr John Rogers, from Keele University, England and Mr Scott Mandelbrote, who is a Fellow of All Souls' College, Oxford.

They were joined in Newcastle by specialists from the University of Newcastle and from other Australian universities who share their interests. The papers presented ranged from the Olympian heights of Shakespeare and Voltaire to the more modest but equally interesting underworlds of seventeenth century nuns and eighteenth century foundlings.

Along the way the audience was treated to an intellectual kaleidoscope arising from the participants' research, including studies relating to Margaret Roper, Marlowe, Jonson, Locke, Descartes, Sir Joseph Banks, David Garrick and the Church and the Scientific Revolution. At the end of the two-day program, the overseas visitors, along with the local scholars and students who attended, agreed that the papers generated a high level of discussion, which was enhanced by the friendly atmosphere typical of the University of Newcastle.

The conference was the brainchild of Dr David Dockerill, from the Department of Philosophy, who was assisted in its organisation by Dr Peter Holbrook, from the Department of English and Dr David Lemmings, from the Department of History.

Besides its obvious success at an intellectual level, the organisers were impressed by the way in which the event stimulated inter-departmental communication among early modern scholars active in the University. They are therefore interested in organising similar small
Teaching and learning activities at the University will benefit from the services offered by a new and innovative centre established to provide support for both lecturers and students in their work. The University Centre for Advancement of Learning and Teaching (TUNCALT), formed earlier this year, has been established in response to the growing need for a framework of support for these aspects of University life. It is also an acknowledgment of the Commonwealth Government's identification of the need for improvement to the quality of teaching in higher education.

Through facilitating continuous improvement in the learning environment of the University, the new Centre aims to promote high quality teaching and learning as well as cost-effective approaches to teaching. Staff development, the provision of learning support to students with learning difficulties, the promotion of learning in the wider community, and relevant research and consultancy are also part of the Centre's ambit.

Centre Director, Dr John Drinan, sees the establishment of TUNCALT as a germane extension of services offered at the University to date.

"Most of the components of the Centre have existed and worked successfully within the University for some time," Dr Drinan said. "Their pre-existence means a well-established recognition of the need for assistance with the preparation of instructional media, maintenance of teaching spaces, management of external courses and encouragement of staff development. By combining them within the one Centre, the University is able to maintain a continuity of services as well as maximise on existing courses," he said.

The new Centre comprises several units: Learning Support, Staff Development, Classroom and Theatre Services, Instructional Design and Development. Within the Instructional Design and Development Unit are three groups - Media Production, Instructional Design and Open Learning. There is also a Director's Unit which oversees the Centre's activities and personnel management for its 25 staff.

The Learning Support Unit is the only newcomer to the University. Its inclusion in the Centre will provide a consolidated approach to remedial programs for student learning in such areas as literacy, numeracy and general learning skills, programs which, until now, have been addressed on an intermittent basis by individual academic departments and other service-providing units within the University. The Unit will also offer programs designed to enhance learning through the use of methods such as computer-aided and multi-media instruction.

Although many Australian universities already have long-established centres for the promotion of quality teaching, the Centre for Advancement of Learning and Teaching represents a unique approach. No other university centre comprises such a comprehensive collection of units.

"The University of Newcastle has probably chalked up a first with the successful establishment of the Centre," Dr Drinan said. "As far as we know, this is the first university centre in Australia which has a fully integrated approach to the support of high quality teaching and learning. It is this approach which will probably see it become a model for the establishment of similar centres at other universities."
NEW BUILDING TO CONSOLIDATE CENTRE FUNCTIONS

A building to accommodate the new Centre for Advancement of Learning and Teaching will be constructed at the University’s Callaghan Campus.

The building, to be located between the Auchmuty Library and the Shortland Union, is being funded by a targeted DEET allocation and is in the throes of architectural planning. When completed, it will provide a consolidated base for the Centre’s functions.

Currently units within the Centre are located in the Bowman, Hunter and Computer Teaching Buildings. The units will be located under the one roof in 1994, when the new building is due to be completed.

Although the plans for the building have not been finalised, it is anticipated there will be three levels and that the design will be in sympathy with the building’s surroundings.

Local architects Eckford Johnson Enviroplan have been chosen to design the building. The company, which provides master planning and landscape design advice to the University, was also recently commissioned to design additions to the Hunter Union.

The new building will house all the Units within the Centre. Radio Station 2NUR will also be located in the building, and the Centre and 2NUR are already examining ways of utilising the potential of radio in extending learning beyond the campus.

2NUR FORGES NEW LINKS WITH CENTRE

A closer working relationship between Radio Station 2NUR and the University’s Centre for Advancement of Learning and Teaching will be forged with the location of the station in the new Centre building.

Faced with a severe shortage of space and the need to upgrade facilities, 2NUR has been looking for new accommodation for some time.

To meet this need, the station had undertaken a fundraising campaign for a new building and raised over $200,000 before the community’s ability to donate was curtailed in the aftermath of the 1989 Newcastle earthquake.

A shortfall in funds ruled out the possibility of a dedicated building for the radio station. Of the several options available, inclusion in the new TUNCALT building was considered to be in the best interest of the station’s future.

The area designated in the new building for 2NUR is self-contained so that 24 hour access to the station can be maintained without impinging on other units within the Centre. Ease of access for the elderly and disabled will also be featured in the station’s design.

Following years of preparation and work towards the relocation of 2NUR, former Station Manager, Brett Gleeson, sees the inclusion of the station in the new TUNCALT building as a positive step forward.

“One of the five objectives set for the original station building was the provision for stronger links between 2NUR and the University. The TUNCALT building will certainly help achieve this,” said Mr Gleeson.

“Not only will the move markedly increase the profile and links of the station within the University; it will also enable the station and the other units within TUNCALT to benefit from a geographically closer mutual support network.”

TUNCALT Director, Dr John Drinan
NEWCASTLE COMMUNITY ACCESS

The University of Newcastle's highly regarded Special Education Centre has recently helped establish a Community Access Centre in Newcastle which will enable severely disabled adults to use the ordinary community services, facilities and resources that most people take for granted.

Community Access, which will provide a much needed link between adults of working age (15-64) and community-based services, is the result of extensive research carried out by the University's Special Education Centre into the needs of adults with severe disabilities.

The Research Report, entitled "Newcastle Project for People with Severe Disabilities", released last year by Mr Rick Frost and Mr Ian Dempsey, indicated clear gaps in Newcastle's support network for adults with severe disabilities who wished to participate in community-based activities. Researchers were unable to locate any comprehensive community access services, leisure facilities, information services, or vocational training for severely disabled adults. The report recommended the establishment of a small community access service as the best way to fill these gaps in service provision.

Following this recommendation, Newcastle Community Access was opened in Murray Street, Hamilton, in June. Manager of the centre, which is one of only three of its kind in NSW, Mr Mark Grierson, says the unit is currently in the process of establishing itself and making its presence known to those who may benefit from the service.

"At the moment we are trying to make people aware of us through existing community services and the media," Mr Grierson says. "We are keen to hear from anyone who thinks they may be able to benefit from the service we offer."

Apart from Mr Grierson, Newcastle Community Access employs two community support workers, Ms Fiona Saunders and Ms Michelle McDowell, both of who have extensive experience working with people with disabilities.

"Our aim is to assist people of working age (15-64) with severe disabilities to use the community services that most of us take for granted," Mr Grierson says. "The type of service needed will be different for each person, and our support is tailor made for each consumer."

Mr Grierson says that he expects requests for services to reflect the findings of the Report. "The research carried out by the Special Education Centre found that adults with severe disabilities wanted more access to transport, more active leisure time and more opportunities for social interaction, like making friends," Mr Grierson says.

"For example, we have already received a request for support from a man with severe disabilities who wants to join a gymnasium."

The Centre anticipates other requests for support will come from people wanting to become involved in activities such as gardening, using public transport, joining a library, shopping, or learning employment skills.

Mr Grierson says that it is difficult to guage at this early stage just how many people will be using the service, but Australian Bureau of Statistics figures tabled in the Research Report indicate there are approximately 13,000 people of working age with severe disabilities in the Newcastle Statistical Division.

A person may introduce themselves to Newcastle Community Access, or may be referred by a family member, friend, advocate or relevant agency.

"The establishment of Newcastle Community Access is a real breakthrough," Mr Grierson says. "It will mean an enhanced quality of life for people with high support needs who have previously been left in the too hard basket."

By Jane Hooker, final year BA (Communication) student, CSU Mitchell on work experience with the Information and Public Relations Unit

FATHER BENJAMIN

Father Benjamin, a quietly spoken and sincere man, will be visiting the University every Wednesday to minister to University staff and students, having been directed to investigate work here by Archbishop Paul of the Russian Orthodox Church in Sydney.

No longer satisfied with his work of teaching secondary maths and computing to high school students in Adelaide, Father Benjamin found a new way of life as a parish priest of the Russian Orthodox Church. He left behind the "enormous pressures" associated with teaching to join a Monastery in Munich, to which he returns periodically.

Father Benjamin told of the very orderly way of life in a Monastery. "The atmosphere is wonderful," he recalls, adding that Monastery life really lends itself to study. It is an orderly life of worship, prayer and work. Each monk is assigned a set task, be it cooking or gardening, which he must carry out on a roster basis. The diet consists of "the simple things in life", such as fruit, vegetables and nuts, with fish and wine being served only on feast days.

Father Benjamin described the Orthodox Church as an ancient establishment, which hasn't suffered the massive changes such as Reformation, counter-reformations and updating undergone by many of the other religious groups. "We may appear to be old-fashioned in many ways, and perhaps that is a fault, as we may not have adapted to modern needs," he said.

"But many of our parishioners enjoy discovering that something so ancient can be so meaningful in modern life." Father Benjamin's parish is located in Irving Street, Wallsend and he welcomes all students and staff to attend his services, which he says, are conducted partly in English and partly in the ancient Slavonic tongue still used in many Russian Orthodox churches.

Away from the parish work and the strict life of prayer, Father Benjamin enjoys nothing more than a week on the ski slopes of Australia's Snowy Mountains. Each year Father Benjamin leaves his robes behind to guide a group of skiing enthusiasts from his parish down the slopes of Perisher Valley. "We have a great time," he said, adding that he is "hooked" on the sport!

Father Benjamin may be contacted through the University Chaplaincy on extension 6648.
BRONZE MEDAL FOR UNIVERSITY ATHLETE

A promising future in pole-vaulting was sadly ended for 19 year old Alan Steele, a second year electrical engineering student, earlier this year. Alan broke his arm in three places during the State Championship, after successfully clearing a height of 3m 40cm, which placed him at equal 5th in the state at that time.

Alan has been unable to return to pole-vaulting and as such is no longer able to compete in decathlons - an event in which he previously excelled. Alan won the Newcastle Open Decathlon title in 1991 and was placed 1st in the A division during the Sydney Intercub Championship in the same year.

Alan also won a gold medal in the Country Decathlon Championship in 1990 and was placed 1st in the pole-vaulting section of the Newcastle-Hunter Region Championship.

Although Alan is no longer able to compete in these events, his enthusiasm for athletics has not lessened. He has now turned his attention to running and triple jump events.

"The 800m is my specialty, but I really like triple jump," Alan said, adding that he does no special training for triple jump. Alan's training involves a 5km run every night, as well as occasional gym work.

Alan's liking for triple jump was proven recently in Canada, where he took out third place in the Manitoba Provincial Championships. Alan was one of twelve athletes from the Wallsend Athletics Club to compete at the championships in Manitoba.

The Wallsend touring group undertook fundraising activities in an effort to collect the necessary funds for the trip.

"We raised most of the money by holding raffles, but we still had to pay a bit ourselves," Alan explained, adding that he paid about $2,000 overall. Of the twelve athletes, ten travelled on to Europe for a further five weeks of training.

Alan says that he really enjoyed his time in Canada, "I wanted to stay there. They have excellent facilities, which don't compare with those in Newcastle.

"The universities in Canada have tracks equivalent to the E.S. Marks track in Sydney," Alan indicated. He mentioned that the universities also have indoor tracks for training in bad weather (in winter the temperature can drop to -40°C) and says that this is a great way to train. It also means that the Canadian athletics season extends throughout the year. The Australian season runs from September through to March.

In the off-season, Alan competes in cross country competitions, which are held at different locations every Saturday. Alan admits however, that his priority now is completing his degree, saying that as the work-load increases, his time spent on athletics will have to decrease.

"I'll have to see how I go keeping up with the study and athletics. I have another three years of study ahead of me and, at the moment, that comes first."

For those of us who enjoy nothing more than lazing around during our holidays, Alan's favourite holiday pastime of running up and down the Williamtown sand dunes may seem somewhat eccentric. But, as they say: healthy body, healthy mind.

ENLIGHTENMENT

Continued from p7

conferences and seminars on a continuing basis, with a view to bringing early modern European studies at Newcastle to a focus, and also to project the University as a centre for excellence in this area.

"Perhaps 1992, a year which has seen spectacular examples of Europeans grappling with their past, is an appropriate time for early modernists to come together," Dr Lemmings said, adding that anyone interested in assisting with the foundation of a University-wide Centre for Early Modern European Studies should call him on 215210 or 215221.

TUMBLING HIS WAY TO SUCCESS

Congratulations to Bachelor of Education Music student, Peter Christie on being named 1991 University of Newcastle Sportsperson-of-the-Year for his fine performances in the sport of Trampoline (Tumbling). Peter is pictured receiving his prize from Paul Cootes, The University of Newcastle Branch Manager of the Universities Credit Union, sponsor of this award. Peter was presented with the Haggarty Cup (a perpetual trophy) and a cheque for $500.

Peter's outstanding sporting career began in 1984 when he toured New Zealand with the Australian Junior Gymnastic team. In 1986 he competed in the World Championships held in France, placing a credible 16th in the Open Men's Tumbling event. He took a break from competition in 1988 to study for the HSC, returning to competition in 1990. In this year he won the Open Men's Tumbling event at the NSW, Victorian and Queensland State Championships, the Australian Championships and the World Championships. During the period under review for the Sportsperson-of-the-Year award Peter placed 1st in the Senior and Open Men's Tumbling events in the NSW and Queensland State Championships, placed 1st in the NSW Open Men's Tumbling Championship and placed 1st in the Senior Men's and Open Men's Australian Tumbling Championships and won the Open Men's Tumbling event in the Pan Pacific Championships.

Peter's outstanding performances in 1991 placed his ranking in Australian Tumbling at No. 1.

Peter again won the NSW Open Men's Championship Tumbling event earlier this year but has withdrawn from further competition to concentrate on University studies and "prac" teaching commitments. After completing his course later this year, Peter hopes to teach for several years before travelling to Edinburgh, Scotland to undertake a Master degree in Music History.
NEW PR DIRECTOR

Evelyn King recently joined the University's Information and Public Relations Unit as Director.

Evelyn's early work background was in teaching and teacher education at Macquarie University (where she had been an undergraduate and postgraduate student), and then in the marketing sector. More recently she was responsible for the community education programs of the Australian Museum and for corporate relations at the Department of Community Services.

Evelyn grew up on the North Coast, married in Maitland, and lived in Hamilton for some time before moving to Sydney. Coming back to the Newcastle area has been a long-term family goal. It seems as if the quality-of-life-secret that Newcastle has been hiding from the outside world for some time is finally getting out and the Southern invasion may be on its way!

Evelyn expresses a commitment to forging strong links between the community and the University - a model the Australian Museum bases its continuing success on, and to earning public recognition for our achievements and the contribution we make to the region and its people. She is of the opinion that the growing reputation of the University of Newcastle for innovative and relevant research and teaching, promises that working here will be demanding and stimulating - an expectation the rest of us can only agree with!!

MAURIE DANN RETIRES

Staff and students from the Department of Civil Engineering will have noticed that "something" is missing from Laboratory GO2. After 15 years of service to the Department, Maurie Dann has retired. Maurie says that he enjoyed his time with the Department and especially enjoyed working with the students.

"I met them when they came in here as green as grass in 1st year, and saw them leave after three or four years. It was sad to see some of them go," Maurie said, laughingly adding that it was also good to see some of them go.

Maurie came to the University in 1977 on a job with CRA (now Pasminco), for whom he had worked for 15 years. "A vacancy came up at the University just before I had to go back to CRA, so I didn't go back," Maurie recalls, adding that the environment at the University was so much more pleasant.

It seems as if he was retiring, Mauri answered truthfully, "I'm sick of work. There are better things to do in life than work!" Sentiments perhaps shared by many. Maurie explained that he and his wife had recently purchased a campervan and plan to go "tripping around" Australia. He says that he would also like to go overseas as he made friends with many overseas students and hopes to visit some of them.

Apart from travelling, Mauri will also spend time fishing and working in his garden, hobbies he enjoys a great deal. "I wouldn't be retiring if I had to sit around," he said. "I want to keep moving while I'm healthy and I definitely don't want to retire a millionaire. I plan to spend what I've got and enjoy it!"

AITEA VISITS UNIVERSITY

Last month members of the Australasian Institute of Education Administrators (NSW Branch) visited the University.

This was the third in a series of institutional visits arranged by AITEA to give members an opportunity to experience another University's operations and approaches to current issues. The particular value of such visits is the exchange of information with counterparts and other relevant staff. The Institute had, in previous years, visited the University of Sydney and the University of NSW.

The Vice-Chancellor, Professor Keith Morgan, welcomed the visitors and commented on the value of such visits and the exchange of ideas resulting from the interaction of participants.

The Vice President, Professional Development of the Institute, Mr Arthur Hunt, thanked the University for its invitation to visit the campus and reminded members of the excellent management programs for the remainder of the year.

The program included presentations by Mr Don Foster on The Structure of the University; Mr Bruce Cheek on The Development of a Student System - The Role of the User; and Mr Trevor Mowbray on Effects and Consequences of the Newcastle Earthquake on the University of Newcastle.

Following an intensive discussion session, the visitors enjoyed lunch in the Tree House of the Union, then visited their counterparts in the various administrative units.

Mr Frank Hawkins, who helped with the organisation of the program, said that the success of the day had depended on the co-operation of a number of members of staff and he had appreciated the commitment of all involved. In particular, Frank complimented John Broughton and the staff of the Union on the standard of the morning tea and lunch they provided.
The United Nations International Day of Peace, held each year on the third Tuesday in September, is devoted to commemorating the strengthening ideals of peace between people and nations.

The United Nations was established after World War II; its Charter obliging Member States to work towards achieving international peace and security. In Australia, a "Decade of Peace" was proclaimed from 1987 to 1996. Foundation President of the Hunter Branch of the United Nations Association of Australia, Dr Romesh Amar, said, "The earth is possible. Positive affirmative action is needed. Peace may be a long way off, a difficult destination to reach, however we should all consider carefully the ancient Chinese proverb that says A journey of a thousand miles begins with just one step."

Dr Amar suggested that we should try for a "period of peace" for say 60 or even 600 years. "If the suggested experience is not better, we can always go back to war" he stated derisively.

A dinner meeting to celebrate International Day of Peace will be held from 6.00pm on Friday, September 18 at Edwards Hall. The guest speaker will be Ms O’Conn Solorzano, Director of the United Nations Information Centre, Sydney (serving Australia, NZ and the Pacific Islands). Tickets cost $20 ($15 concession) and may be purchased by phoning Dr Romesh Amar on 692305, Mr Tom Jones on 432444 or Mr Noel Carter on 266293.

JOURNALISM IN THE 90’s

The Journalism Education Association 1992 Annual Conference will be held in Newcastle from November 29 to December 2. The Conference, which will address the issues affecting journalism education and practice, promises to inspire lively discussion.

The Conference will cover four major areas of concern, professional practice for the 90’s and beyond; provincial and local media; new directions in journalism education and regional media issues.

Papers are invited for the four sessions. Abstracts of 100 words should be forwarded to Frank Morgan, Head, Department of Communication and Media Arts, The University of Newcastle NSW 2308, by September 4.

The registration fee for JEA members is $200, or $250 for non-members. For special early bird discounts call today (August 31). In an attempt to encourage students to attend the Conference sessions, a subsidised student rate of $10 per session will apply.

For further information, contact Pam Delbridge on 216633.

CYCLING

The recently established Newcastle University Cycling Club will be holding a 35km ride on Sunday September 13 starting at Queens Wharf at 10.00am. The ride is not a race, but a chance to meet new people while riding in an area free from coal trucks and hills! Call Tony (694927), Justin (524516) or Greg (696151) for details.

Volunteers are invited to participate in a study investigating new methods to treat allergies. Learn to control your own immune system without the use of drugs. Treatment will commence in early September and will continue for a five week period. Volunteers will meet for one hour each week in the Psychology building.

To enrol contact Dr Maryann Gauci on 215075 (Monday and Friday), or on 215985 (Tuesday, Wednesday and Thursday).
ACKNOWLEDGEMENTS

HAMILTON - Lovely 2 bedroom cottage in Hamilton, available from October 1. Quiet street, close to shops and transport. Fully furnished with maintained lawn. $170 per week. Suite postgraduate student(s) or family. Please contact Catherine on 216404 or 613206 (AH).

COAL POINT - Waterfront, modern fully furnished family home (four bedrooms) available over Christmas vacation - mid December for 6 weeks or part thereof. Please telephone Kate Knight 59 5348.

BOOK WANTED

GIVE AWAY
Recent subscriptions of the Australian Accountant and Business Review Weekly. Please telephone extension 5347.

FOR SALE
Desk to suit child $2; 1 Pair Brand New Leather Rossi Wool Lined Bike Boots Size 8, $60; Records & CD's; Wet Suit Size 12. $50. Please telephone Janice on extension 6154 or on 489879.

4 Books - $50 o.n.o. for the lot. The Romans by R.H.Barrow; Greek Society by Antony Andrews; Ancient Greeks by John Fine; The Greeks by SBS - Kilt. Please telephone Karen on extension 5334 or on 547217 (AH).

LETTER TO THE EDITOR

Dear Editor

Strolling about the campus, one cannot help but notice the considerable effort that has recently been put into both landscaping and the improvement of pedestrian facilities. Whilst certainly in favour of any measures taken to upgrade the appearance of our University grounds, I am prompted to write by a particular aspect of the landscaping work to which I take exception - namely, the extensive use of woodchips.

Tons upon tons of the stuff seems to have been dumped with gay abandon upon every garden, and beside every footpath in sight. It is a matter of some concern to me that a University, a body concerned with forging the academic future of the nation, should display a message of such blatant disregard for our environmental future as to condone the destruction of trees (one of our most precious natural resources) for such trivial purposes as landscaping.

Indeed, there seems to be more than a hint of hypocrisy when one sees the juxtaposition of the motto "I Look Ahead", with mountains of woodchips; the latter being an environmental symbol of just the opposite notion - near-sightedness.

I wonder if any other students or staff are offended by this contradiction?

Rodney Bailey
3rd. Year Computer Science Student

RESEARCH FELLOWSHIPS FOR WOMEN GRADUATES

The Queensland Branch of the Australian Federation of University Women (AFUW) is offering the Freda Bage Fellowship and the Commemorative Fellowship.

The Freda Bage Fellowship commemorates a foundation member of the AFUW and distinguished graduate in Victoria and later Queensland. The total value of the award is $33,000 and the preferred period of the research project is three years.

The Commemorative Fellowships are to honour Dorothy Davidson, Freda Freeman, Audrey Harrison and Audrey Jorss who were instrumental in establishing the Fund. The total value of the award is $11,000 and the maximum period of study is one year.

The Fellowships are open to all women graduates of a University or recognised tertiary institute from any country. The Fellowships are not restricted to formal university study and are tenable at any university or approved institute in Australia. An exception is that the AFUW-QLD Freda Bage Fellowship is not tenable at the institution from which the applicant obtained her first degree. An award made to an Australian citizen is also tenable overseas. Women on full-time salaries or on fully-paid study leave during the Fellowship year are not eligible to apply.

Further information and application forms are available from the Office for Research, Level 2, Chancellery, telephone 21 5305. Applications must be lodged with the Office for Research by 21 September 1992.
Further information and relevant application forms are available from the Office for Research - telephone 215305.

This list is also circulated to all Heads of Department on a fortnightly basis.

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**GRANTING BODY**

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

**Royal Australasian College of Surgeons**
Grants-in-Aid.

**Grains Research & Development Corporation - Preliminary Research Proposals**
Major research objectives involve: Developing Products for Markets, Improving Product Efficiency, Optimising Use of the Natural Resource Base, Enhancing Portfolio Management.

**AINSE Grants 1993 Series**
Research in the fields, or applications, of nuclear science and associated technology.

**DITAC Grants for International Collaboration in Biology and Biotechnology**
To stimulate co-operative research projects between Australian/ UK/ New Zealand scientists.

**ALS - Motor Neurone Disease Research Institute**
Grants-in-Aid for Medical or Biological Sciences Research in fields related to the cause and cure of ALS - Motor Neurone Disease.

**Australian Pharmacy Research Centre - Seeding Grants for Pharmacy Practice Research**
Small grants for research into economic, social, administrative and other aspects of pharmacy.

**Cancer Council Travel Grants-in-Aid**

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**FELLOWSHIPS, CONFERENCES & PRIZES**

**AVCC Visiting Fellowships**
Nominations for visits from Commonwealth and European researchers. Covers travel and subsistence.

**The Royal Society of New South Wales, The Edgeworth David Medal**
Awarded to for distinguished contributions by a young scientist.

**The Royal Society of New Wales, The Walter Burlitt Prize**
Awarded to a worker in pure or applied science who's work is deemed of the highest scientific merit.

**Fulbright Awards 1993**
For study, research, lecturing in the USA.

**Australian Federation of University Women Queensland Fellowship**
Freda Bage and Commemorative Fellowships.

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**NO SET CLOSING DATE**

**Local Government Association of South Australia**
Small research project of $2,000 or less in any field, of general benefit to Local Government in S.A.

**Alexander Von Humboldt-Stiftung Sponsorship Programme: Humboldt Research Fellowships For Foreign Scholars.**
Awarded to highly qualified scholars of all academic disciplines, up to 40 years of age, for post-doctoral research project of their own choice in the Federal Republic of Germany; 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 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.
CENTRE FOR ENVIRONMENTAL TOXICOLOGY

The Centre for Environmental Toxicology’s 1992 Annual Seminar, to be held on October 1 and 2, will discuss ways of assessing the health of the Australian aquatic ecosystem. Entitled, Biological Assessment of Aquatic Ecosystem Health, the seminar will include speakers from the US, UK and Australia.

Dr Sam Luoma from the US Geological Survey, and international expert in biomonitoring and bioaccumulation, will provide insights into the assessment methods used in other countries. Dr Donald Baird from the UK, an international cladoceran expert, will discuss the use of these animals as model test organisms. Dr Barry Hart will discuss the latest draft Australian Water Quality Criteria and their future use.

The meeting will be held at the Kuring-gai campus of the University of Technology, Sydney, Eton Rd, Lindfield. Further enquiries should be directed to Therese Manning, Seminar Convenor, on (02) 330 4012.

PHOTOGRAPHIC EXHIBITION

An exhibition of entries in the TUNAC / Convocation Photographic Competition will be on display in the Great Hall Foyer until Thursday, September 10.

The winners of the officially judged competition were announced at the opening on August 26 (after this issue went to print), however you now have the opportunity to vote for your favourite photograph in the “People’s Choice” competition.

Come along to the Great Hall, view the photos, fill in a voting form and place it in the box in the foyer!

Winners will be announced in the September 28 issue of Bulletin.

UNIVERSITY BLUES

Four University Blues for sporting excellence were awarded at the recent Blues Dinner. Recipients were from left David Willis (Basketball), Andrew Abbo and Gerard Cocking (Hockey) and Keiron Rochester (Volleyball). Highlights of performances by these talented sportspersons during the period under review for the award of blue for 1991 were:

David Willis - selected to play for the Newcastle Falcons in the National League and with the Falcons on a tour of Singapore.

Andrew Abbo - selected in the Combined Australian Universities Hockey team following the Australian Universities Hockey Championships; awarded the Combined Universities Hockey Cup for the best and fairest player of the Championships Carnival.

Gerard Cocking - selected to play with the prestigious Australian Universiade Hockey side which competed at the World Student Games held at Sheffield, U.K.

Keiron Rochester - competed at the World Student Games as a member of the Australian Universiade Volleyball team and was selected as Vice Captain of the NSW U/21 Volleyball team which won the Australian Championships.

ART GALLERY

The Newcastle Region Art Gallery is pleased to exhibit the latest works by local artist, Sue Horsey, whose paintings capture the changing moods of the landscape.

Landscape painting in Australia has always occupied our artists; whose responses to it have given us some of our greatest icons. Sue Horsey is continuing this tradition.

For further information, please phone the Gallery on 293263 or 263644.

BALINESE SHADOW PUPPET PERFORMANCE

The Department of Drama will be hosting the Newcastle performance of the Balinese dalang (puppet master), I Wayan Pater. I Wayan Pater is touring the east coast of Australia, with two gamelan players, I Wayan Konolan and I Ketut Rena, to perform pieces from the Hindu epics, the Mahabharata and the Ramayana.

The tour, which has been organised by Galleries Primitif, with the assistance of the Australian Museum, offers an opportunity to see an acknowledged master in a rare Australian performance.

An ancient tradition, the Balinese shadow puppet theatre remains highly popular today. The performance will take place at 8.00pm on September 8 in the Drama Theatre. Tickets are $8.00 and $5.00 concession. Further enquiries should be directed to Diana Freeman, the Departmental Secretary on 215001.