Dr Santi Rozario, a lecturer in the Department of Social Work, launched her book, Purity and Communal Boundaries: Women and Social Change in a Bangladeshi Village, on June 12.

The book is the result of fieldwork from 1982 to 1984 in the Bangladeshi village of Doria, three hours from the capital, Dhaka. Dr Rozario completed a PhD at the University of New South Wales in 1988 based on her research in Doria.

Dr Rozario was born in a village a few kilometres from Doria, and came to Australia 15 years ago.

She went back to Doria in 1988, 1990 and 1991 to further her research.

She says she went to Doria in 1982 with the broad aim of looking at women and social change and stayed for about 18 months.

"It was a comparative study on Moslem and Hindu women and economic change, although once I got there I found that the village also had a significant Christian population," she said.

In the book she demonstrates the ways in which class and communal domination reinforce gender inequality. The position of women is analysed in terms of links between religious values, sexuality, economics and politics.

Dr Rozario, who speaks Bengali and regional dialects, took an open-ended approach to field work, choosing to use the participant observation method instead of distributing questionnaires and conducting interviews. Her approach was more anthropological than sociological.

"I would get up in the morning and maybe there would be a wedding or a Christening happening. Sometimes there would be nothing special to go to so I would just join in with what the other women were doing." Dr Rozario said.

The local women knew she was conducting research, but soon came to accept her as a member of the village.

"It worked well as long as I didn't ask too many questions," she said.

The women resented talking about small details of day to day life, which Dr Rozario put down to her being Bengali. They didn't expect her to ask questions about small mundane details which they found boring, but were happy to talk about larger issues such as problems with their husbands.

Bangladesh is predominantly Moslem, but about 10% of the population is Hindu and a significant number are Christian.

Although the Moslems may not be the wealthiest financially and may not wield the power in reality, because of their population and the belief that the country belongs to them, they are perceived as the most powerful group.

"In real terms there is some physical violence, although it is not in the form of rioting. But there is a real threat that you can't antagonise the Moslems," Dr Rozario said.

Because of the Moslem power, the Christian and Hindu women conform to what Dr Rozario calls the ideological veil.

Although they do not wear the traditional head covering, they observe the traditions of modesty and segregation, and the belief that a woman's purity is the basis of her family's honour.

Dr Rozario, a Christian, grew up with the traditions of modesty in Bangladesh, but found occasional situations on her return where she was tempted to speak out against a man's opinion.

"I did not go out at night and when I did go out it was mainly with women. They stay segregated most of the time anyway," she said.

"If I went to the bazaar I would do it modestly, by putting my sari over my head and looking down." While there would be some low-key discontent about their role, the women were not outwardly resentful.

"They hardly have any education, they don't read newspapers, some of them might have radios, so their exposure to city life, much less the influences of the west, is very limited," Dr Rozario said.

She said the argument was sometimes put that they should go out to work to improve their family's economic lot.

This was often countered with the argument of the veil as "symbolic capital". Many Moslems believe the woman's purity is convertible to economic value - to sacrifice purity would be to sever links with higher classes and to throw away business opportunities.

As a follow-up to her studies to date, Dr Rozario is interested in researching the reproductive health of rural women in Bangladesh.

On July 14 at a Maternity Workshop on the theme of Gender Relations at the Australian National University in Canberra, she will speak on Purity, Shame and Reproductive Health of Bangladeshi Women.
SENATE REPORT

Library Materials Budget
Mr Linklater, the University Librarian, presented a library materials budget report to the June meeting of Academic Senate, indicating that the University's formula funded approach for University libraries has resulted in a significant financial shortfall from the level that applied prior to 1990.

In his report, Mr Linklater said that if the University libraries were funded at the Achnutmy 1989 level, which, he said, was the established funding level prior to the University's "arbitrary dismissal" in 1990 of indexing as agreed by Academic Senate in 1978, then the 1992 library materials budget would show an increase of $663,182 on the current budget.

"The 1991/92 library materials budget is an aggregation of funds from the two University libraries, with a 10% increase," Mr Linklater pointed out.

According to Mr Linklater, Newcastle University's library budget is the fifth lowest of all universities in Australia in terms of dollars spent on library resources. He outlined the problems associated with library resource funding as consisting of the difficulties associated with equity between the two campuses; inadequate funding levels overall and the lack of mechanisms to provide funding.

The Vice Chancellor, Professor Keith Morgan, pointed out to members of Senate that whilst the library is an important and expensive part of the University, library statistics have been known to distort the truth. He indicated that only one third of the total library budget is actually spent on books. Furthermore, Professor Morgan indicated that the pattern of spending varies between disciplines.

"There is no easy way of resolving these issues and I don't think that generalised statements will help us," he said.

"I think that this is a matter to be considered earnestly. The Library Committee is to build on the report of the Librarian for extensive discussion by Academic Senate over the next few months." Centre for Advancement of Learning and Teaching Approved
Academic Senate approved the establishment of a Centre for Advancement of Learning and Teaching (CALT) at the University. A report from the Planning and Resources Committee, confirmed the view that the proposal for the centre represents a focus of the resources that are currently allocated within the University to support learning and teaching.

The report indicates that future expenditure on activities of the CALT is likely to increase substantially. Significant amounts of this expenditure are to come from external sources, the report says. Department of Japanese and Chinese Studies Proposed
A report submitted to Academic Senate by Professor John Ramsland, Dean of the Faculty of Arts, indicated that the Faculty of Arts fully supports the proposal to establish a Department of Japanese and Chinese Studies.

Academic Senate noted the report, however indicated that several aspects of the report would need further discussion.

The report presents arguments to support the establishment of a new department, indicating that the Japanese Section has "a particularly well balanced academic staff composition which would present no problems as a free-standing department". While the French and German Sections of the Department of Modern Languages concentrate on language linguistics, the Japanese Section is moving towards an "area studies base" for Japanese rather than a "purely" language linguistic one.

A curriculum committee, set up to design a curriculum for Chinese has, according to the report, taken into account the expert advice of the current Head of the Department of Japanese and Chinese Studies at the University of Sydney.

Gender Representation on University Committees
A recommendation that Academic Senate establish a Working Party to look into the representation of women across all University committees and to identify ways to improve that representation, was supported by Academic Senate at its June meeting.

According to the report submitted to Academic Senate, the difficulty encountered up to now in recruiting more women into committee service has been the small number of women at, in particular, the senior academic levels. However, according to the report, the difficulty is "not only their small number, but the customs and conventions which tend to specify by status or level, the people who are regarded as suitable for particular committees."

The report goes on to say that this "structural problem" may be solved by reassessing the basis on which people are identified for service on committees.

Academic Senate elected the Working Party, which is to be convened by Dr Les Eastcott. The Working Party will consist of Dean of the Faculty of Nursing, Professor Margaret McEnery; Dean of the Faculty of Social Sciences, Professor Lois Bryson and Deputy President of Academic Senate, Professor Frank Clarke. Ms Susan Jones, EEO Co-ordinator is to attend the Working Party meetings.

NEEDY STUDENTS AT INTERNATIONAL HOUSE GIVEN FINANCIAL BOOST
The Lord Bishop of Newcastle, The Right Reverend Bishop Alfred Holland, presented a cheque for $14,000 to the University's Vice-Chancellor, Professor Keith Morgan, on June 18.

This much needed financial boost comes to the students of International House by way of funds made available by the Anglican Diocese of Newcastle. The cheque will be used to set up a bursary fund designed to help students in financial hardship.

However, the source of the funds is an interesting story in itself.

The proceeds come from a memorial fund set up after the death of Cannon Bill Childs, a much loved and well known Novacastrian. In the words of Bishop Holland, "Bill was a tireless worker...radical and energetic...a legend in his own time".

At this point we should introduce Mr John Price to the story. Mr Price is the Member for the state seat of Wararrah. He also happens to be the late Mr Childs' son-in-law. Mr Price is also the Chairman of the Trustees of The Bill Childs Memorial Trust Fund. When Mr Price became Chairman of the fund he said that he was saddened to discover the fund was being used infrequently and probably not in accordance with its original objectives.

In line with one of the fund's original objectives (to encourage and support excellence in scholarly achievement) Mr Price persuaded the Board of Trustees to combine both the capital and the interest accounts of the fund and hand the resulting lump sum over to the Board of Governors of International House to endow a student bursary fund. Mr Price said that Childs would have been delighted to see the money used in this way.

In accepting the cheque Professor Morgan described the Bursary Fund "as a most excellent notion, which should provide a basis upon which the scope of the bursary scheme ought to flourish. It certainly is an appropriate way to use the funds available..."
"BOTH WAYS EDUCATION"
A BLEND OF MODERN & TRADITIONAL TEACHING STYLES

Fifteen Health Work students from a Northern Territory College visited the University recently to exchange ideas with staff and students within the Faculty of Medicine.

The students, all Aboriginal, attend Batchelor College, a specialist multipurpose Institute of Tertiary Education located in the town of Batchelor, 90 km south of Darwin.

The college offers a range of professional and paraprofessional education and training courses for Aboriginal adults from remote and traditionally oriented communities. It is the only recognised tertiary institute for Aboriginals in Australia.

During their visit to Newcastle, the group spent time at Wollotuka, the University's Aboriginal Education Centre, before meeting members of the Faculty of Medicine.

According to John Grootjans, the group's leader, the Aboriginal health workers have more in common with medical graduates than with the NSW health care workers.

"Due to the remoteness of their places of work, these people are faced with all types of diseases and ailments including skin and chest infections, dental hygiene, and the treatment of trauma. They are also concerned with the promotion of health to the Aboriginal people and with preventative medicine," he said.

Both western and traditional Aboriginal medicines are taught at Batchelor College. Mark Warcon, a lecturer in Health at the College says that Aboriginal health workers "go out and pick different plants" for use as medicine. He points out that the medicines differ from the "top end to the centre" depending on the plants available.

The health workers undertake field trips to outstations which consist of family groups of 10-50 people living in the bush.

Patients have the option of being treated with western or Aboriginal medicine. The courses taught at the college fall under the title of Both Ways Education through which the western academic traditions and the traditions of Aboriginal knowledge and education come together. According to course organisers, this ensures that students are equipped to operate in both cultural contexts.

John Grootjans explained that the Both Ways Education program is taught in English and Aboriginal and says that the teaching methodology differs to that in western schools and colleges.

"Pedagogy students at Batchelor College are designing a unique teaching style for Aboriginal students," he said.

At Batchelor College, culturally appropriate education means that the teachers travel to the students - a costly exercise. However, as John explains, for education to be successful it has to be meaningful for the student and the western style of teaching is far from meaningful for Aboriginal people.

He points out that this is a difficult concept for government bodies to come to terms with, and thus funding for programs such as those taught at Batchelor College is tight.

"The conservative government theory says that Aboriginal schooling has to be the same as western schooling," John indicated, adding that this theory has been proven incorrect over the past 200 years.

He says that Aboriginal people have 200 years of neglected education to catch up on and that there must now be a certain amount of positive discrimination for Aboriginal people in terms of government funding on education. "They have a lot of catching up to do," was John's comment.

Aboriginal educators want to be able to choose aspects of our education system which suits their own teaching style. "They don't want anything that will destroy their culture, they want only those things that will make it stronger," John indicated.

At Batchelor College, the emphasis is on empowering the Aboriginal people to realise that they have the right to make the change and create something new. The Both Ways Education program is leading the way in Aboriginal education and perhaps the Commonwealth Govern-
HERON SPECIALIST LENDS A HAND

Associate Professor Max Maddock from the Faculty of Education, will join a team of international authors to produce a book on the ecology and biology of herons.

The team has been chosen by the International Heron Specialist Research Group and is drawn from ornithologists and habitat specialists carrying out research into the heron family worldwide.

Professor Maddock, of the Department of Education, has been invited to provide the input on Australasia, because of his research work on the breeding biology, ecology and migration of egrets, and the biology of the white-faced heron.

The task will be an extension of his current work to cover all Australasian species of the Family Ardeidae.

The book will be the first definitive work on heron research since the publication of The Handbook of Herons of the World in 1984 by Dr Kushian and Dr James Hancock, who is also a member of the new team.

The book will have regional sections on the changing status of herons across the world, conservation and management problems and directions for research and conservation action.

These sections will require extensive communication between the team members.

Professor Maddock recently finished writing a chapter on Ardeidae (the heron family), for Fauna of Australia, which is being produced by the Australian Biological Resources Unit.

The background study done on heron species other than egrets in producing this work will be invaluable in the preparation of the chapter on the family in Australasia for the international project.

The other members of the team are from the University de Rennes, France; the Waterfowl Division, Slimbridge, UK; the Institute of Nature Conservation, Belgium; the Asian Wetlands Bureau, the Canadian Wildlife Service; the Central University of Venezuela; the US Fish and Wildlife Service; the New York Zoological Society; and the Patuquy Wildlife Research Centre in the US. There will also be a representative from Kenya.

The book will be edited by Dr James Kushian, of the University of Mississippi, and Dr Heinz Hafner, Head of the Heron Research Unit at the Station Biologique, Tour du Valat, in southern France.

The book has been tentatively titled The Status and Conservation of Herons. It will be published by Academic Press in 1996.

Professor Maddock will attend the second workshop at Arles, France, in October 1993, before the International Ornithological Congress is held in Vienna in August, 1994, where the population status of herons will be discussed under the team's guidance.

ARCHITECTURE YEAR 4 STUDENTS UNDERTAKE URBAN DESIGN STUDY OF HONEYSUCKLE CIVIC PRECINCT

The Faculty of Architecture has arranged a study in collaboration with the Honeysuckle Development Corporation of the Civic Area Precinct in the Honeysuckle Concept Masterplan.

The Honeysuckle Development Corporation has sponsored the project to assist with the production costs of an exhibition, and for three prizes for the three winning schemes. The study was undertaken over a six week period during Semester 1 of 1992 and was directed by Professor Barry Maitland and co-ordinated by Rob Cowdroy and Lindsay Johnston. Tutors working with the students included Mr Rob Brown, of Suters Architects Snell, who were associated with the preparation of the Masterplan.

Twenty schemes were prepared by the students and included a wide range of options for development of the Civic Precinct and the vexed question of the retention or otherwise of the rail link to Newcastle Station.

Mr Robert Zullo, Development Manager of the Honeysuckle Corporation expressed praise at the imagination and diversity of the student proposals and it is proposed that a selection of the schemes will be presented to the Honeysuckle Board and put on public display.

SENIOR LECTURER IN ARCHITECTURE RECEIVES AWARD

Lindsay Johnston, Senior Lecturer in the Department of Architecture has received an award from the Royal Institute of Architects of Ireland, of which he is a member, for the design of his own house on the waterfront at Coal Point, Lake Macquarie.

In its annual awards, the Irish Institute has a category for creative work by members resident overseas and it is in this category that Lindsay Johnston was nominated. The design won a commendation in the 1990 Dulux Colour Awards, whose jury was chaired by Professor Neville Quarry of UTS. Mr Johnston also won the Charles Davis Merit Award in the 1991 Lower Hunter Civic Design Awards for a new infill office building in the King Street heritage precinct, Raymond Terrace. He has also been a recipient of four design citations for his design projects by the Committee of the Heads of Architecture Schools of Australasia (CHASA).

POSTER TO BE EXHIBITED

A poster designed by Mr Roger Dunstan, a lecturer in advertising and graphic design, will be exhibited in an English exhibition.

Mr Dunstan's poster was designed for the launch of the Bachelor of Arts (Graphic Design) course.

He said he sent the entry off some time ago, and had forgotten about it until he received a letter advising him that his poster had been accepted.

Submissions for the exhibition, the Harrogate Poster Biennale 1993, are taken from all over the world.

There are no restrictions on the number or subject matter of posters in the exhibition.
"IF YOU CAN SEE IT BETTER YOU CAN DO IT BETTER"

On the eve of their retirement, well known Newcastle Ophthalmologist Donald Dunlop and his orthoptist wife, Patricia, are planning to hand on to the community the essential elements of what forty years of experience have taught them.

The proposed development of the Hunter Eye Research Institute will allow them to do just that.

According to Dr Donald Dunlop the Institute will combine the skills of academics with the experience of clinicians in research.

"It will hand on to the community at the family level, knowledge of natural preventative medicine - the wisdom to avoid trouble and the "know how" to handle trouble if it does occur," he said.

Donald Dunlop's belief in the old saying that prevention is better than cure is paramount. "We shouldn't be spending all this money on miraculous cures for a few when so many hundreds of thousands can be helped with simple preventative health education.

"The Hunter Eye Research Institute aims to teach every family how to use basic eye tests on the young, the old and the in-between," he said, explaining that many eye disorders can be treated better if detected early enough.

The Dunlops have enlisted the support of fellow eye surgeon and Australian of the Year, Professor Fred Hollows who will assist the research team at the Hunter Eye Research Institute.

Newcastle University associates, who, according to Dr Dunlop have 'a very long and successful record in research' will also be actively involved in Institute projects.

"We will be publishing educational scripts to keep the general public informed," Dr Dunlop said.

"Continued research will play a major role as there are still so many unanswered questions and so many accepted facts that really aren't facts. We're getting rid of the bluff areas," he added with a knowing smile.

The Dunlops are sincerely grateful for the help they have received from the University's academics and research staff, particularly those from the Department of Psychology with whom they have been associated in National Health and Medical Research Council funded research projects for 17 consecutive years.

"We couldn't have done any research without the University's help," they acknowledge gratefully.

During this 17 year association with the University the Dunlops have conducted ground-breaking research in the fields of dyslexia and depth perception. Their tests and procedures have been of considerable
d value worldwide.

Many academic papers and instructional pamphlets have been published, including lectures for post-graduate eye doctors, university medical students and nurses, orthoptists and community medical staff.

The fact that good vision is important is obvious to us all. But how many people are actually aware that the major part of the human brain is concerned with vision and that our intelligence is therefore a function of our visual images?

The Dunlops summarise the importance of vision thus:

Better Sight = Better Work =
A Better Product = A Better Job =
A Better Future.

With the help of the Dunlops and the Hunter Eye Research Institute, Newcastle's future may be more secure. The project should attract investors and business ventures back to the city. Construction of the Hunter Eye Research Institute Building will provide immediate employment for many in the building trade and long term employment will be provided for all those working in or servicing the building when it is completed.

Donald and Patricia have six children, all medical graduates of Sydney University in or servicing the building.

Donald and Patricia have six children, all medical graduates of Sydney University. Catherine, after post-graduate training in the UK and the USA is already working as an ophthalmologist with her parents in Newcastle; lain with Australian and UK post-graduate training is working as an ophthalmologist at Sydney Eye Hospital and in Canberra; Jennifer is working in clinical ophthalmology in Canberra; Anthony is training as an ophthalmologist in England. Patricia, their mother, was Dux of the British Orthoptics Society in 1949.

Only Helen and Gillian have strayed from the ocular area, working in the fields of pathology (citogenetics) and ENT, respectively.

The Dunlops are a family of sincere and caring people who are willing to give what they have learnt back to the community to help those less fortunate than themselves.

The family motto simply states: "Whatever you have achieved is irrelevant if it can't help the next generation."

The Eye Research Institute will certainly make this possible.

Which way does the road curve? Road sign painted by a dyslexic road worker. Photo from "Road & Track" a USA motoring journal.

Shown here (1) is the cover photo of a book entitled, "The Dyslexic Child", by Macdonald Critchley, showing the incorrect spelling of the word "slow".

The Dyslexic Child
Macdonald Critchley
ACCOUNTANTS MAY ASSIST O.S. STUDENTS
A Newcastle firm of chartered accountants has proposed a pilot mentor scheme to give overseas students some practical experience in the Australian business community.

The pilot scheme has been proposed by Lawson & Davidson and will involve twelve students studying for the Master of Business Administration or the Postgraduate Diploma in Management.

The proposed scheme would be carried out in consultation with the Dean of the Faculty of Economics and Commerce, Dr. Winston Dunlop, and other members of the MBA academic staff.

On June 22, a director of Lawler Davidson Consultants, Mrs. Callaghan, explained the proposal to students and members of academic staff. Mrs. Callaghan is also a director of the Newcastle Chamber of Commerce.

She said the scheme aimed to give overseas students access to resources and expertise in their field of interest. It was hoped that social contacts would develop as a result of the scheme.

She said students from Newcastle who were studying for the MBA had a natural support network in the community, but overseas students had no-one in the business community to turn to for help.

Mr. Campbell, a chartered accountant with Lawler Davidson, would liaise between students and businesses to ensure that students were given a mentor firm relevant to their interests.

Mr. Campbell told the students that he understood the rigours of working in an unfamiliar community, having been transferred five times, once overseas, during an eight-year stint with the multi-national chartered accounting firm Coopers and Lybrand.

He said it was important for students to have access to technical companies for field research and to have people they could "bounce problems off".

The scheme could have the added value of assisting the MBA program by providing extra resources.

The students at the meeting were from China, Indonesia, Malaysia, Hong Kong, India and Zambia. The majority of them had a background in accounting or economics and their interests for the future included marketing, banking, trade, tourism, mining and the stock market.

Mrs. Callaghan said that, if the pilot scheme were successful, it was possible that the scheme would be extended to interstate students as well.

Further meetings are planned to organise the implementation of the pilot scheme.

JUSTICE ADMINISTRATION IN THE USA
An American academic presented a public lecture entitled "Justice Administration Education in the USA. What are American Professionals Doing?" at the University on June 17.

The lecture was sponsored by the Faculty of Social Science.

The presenter, Professor Peter Unsinger, is professor of Justice Administration at San Jose State University in California.

He is recognised as an authority in the research and teaching of Justice Administration and is well-known throughout the US as well as in other countries.

Professor Unsinger is author of three books on the subject and has contributed to five others. He has published many papers and book reviews.

Professor Unsinger has lectured throughout the US, Korea, Taiwan and Singapore as well as Australia. During previous visits to Australia he presented lectures in the Northern Territory, NSW, Canberra, and South Australia and has made valuable and ongoing contacts with State and Federal Police.

The Dean of the Faculty of Social Science, Professor Lois Bryson, said the purpose of Professor Unsinger's visit to the University was to provide his expert input into ongoing developments within the University's Justice Studies Program.

She said that during his visit he would be involved with guest lecturing and would hold discussions with staff.

Professor Bryson said the lecture interested a number of people in the community apart from students in the Justice Administration course and professionals in the field.

She said the University was pleased to have an expert in the field of Justice Administration in the US participating in the curriculum development of its Justice Studies program.

PROFESSOR ENGEL RE-ELECTED
Professor Brian Engel has been re-elected for a second term as the secretary/vice-chairman of the International Union of Geological Sciences Subcommission on Carboniferous Stratigraphy (SCCS).

The subcommission holds international meetings every two years. It meets at the International Congress on Carboniferous and Permian Geology, which convenes every four years, as well as at its own Field and General Meeting, which is held two years after each congress.

Professor Engel's term will finish in 1996. Professor Engel, with the aid of German, Belgian and French colleagues, is currently organising the next Field and General Meeting, to be held in June, 1993, in Liege, Belgium.

Professor Engel produces an annual Carboniferous Newsletter in July each year which is distributed to 270 voting and corresponding members of SCCS. The 30- to 40-page newsletter maintains a record of the business of the subcommission and a worldwide update of scientific research in carboniferous geology.

NEEDY STUDENTS...
Continued from p2

in the trust. The money from this fund will make all the difference to a student and have an important lasting influence".

Mr. Price said, "Interest from the new fund will be used to assist a needy student on an annual basis. The award will be made by the Board of Governors on the recommendation of the Warden of International House."

Associate Professor Noel Rutherford, the Warden of International House, said the grant would be made on the basis of genuine and authenticated economic need, as well as academic merit.

The new fund will be known as The Cannon Bill Childs Memorial Bursary. To ensure the memorial nature of the fund is maintained, the name of the fund will be recorded in the Annual Report of International House, along with the name of any recipient. The fund and its status will also appear in the University's Annual Report.
HEALTH CARE IN SOUTH AFRICA - ARE THE BLACKS MISSING OUT?

For the eyes of the rest of the world the barriers of apartheid have relaxed under the de Klerk Government and South Africans are on the road to equity, but blacks inside the country are still fighting for immunisation for their children and for beds in public hospitals.

As a reflection of the lack of primary health care for blacks, it is measles, tuberculosis, infectious diseases and the complications of malnutrition that are killing the black population, while whites are dying from the diseases of the developed world.

These were some of the examples of the injustice of the South African health system outlined by Dr Kamy Chetty, who visited the University recently.

Dr Chetty is an academic registrar specialising in community health medicine and a member of the ANC National Coordinating Committee of the Health Department.

She works in Capetown but was born in Natal Province.

Dr Chetty said major problems were created by the fragmentation of the South African health system.

There were 14 different health ministries in the country, covering three houses of Parliament, the administrative area called General Affairs and the 10 self-governing States and independent homelands.

Each of the 14 ministries operates individually.

Dr Chetty said this resulted in lack of planning and a waste of resources. She gave the example of hospitals being built six kilometres from each other in two rival homelands.

Under ANC health policy the 14 ministries would be combined into one, she said.

Another major problem was inequality to access.

"While hospitals may be theoretically desegregated, they are built in white areas so they are geographically inaccessible to blacks," she said.

"There is also a gross lack of facilities at the primary level, but many tertiary level facilities." This put the accent on curative rather than preventative medicine. There was not enough access for blacks to general practitioners and community health workers, who could immunise against or treat illnesses before they became life-threatening.

She said the lack of primary health care was evidenced by the causes of death among the black population.

There were high fatality rates from infectious diseases, tuberculosis and measles in children. Many children died from the complications of malnutrition.

"The blacks tend to die from diseases of poverty and the whites die from the diseases of the developed world," Dr Chetty said.

A trend in favour of the private sector was another problem for the black population. Dr Chetty said 50% of health funds went to the private sector, which served 20% of the population, almost all of them white.

"The other 50% takes care of 80% of the population, so the private sector is really draining the resources from the public sector," she said.

She said the Government's policy of encouraging hospital privatisation was also undermining the public sector.

The Government is now encouraging the admission of private patients to public hospitals, where they receive all the normal benefits of the private system in a public bed.

Dr Chetty said ANC health policy was based on the knowledge that socio-economic development was more important to good health than the provision of medical and health service.

"The ANC does not see the health policy in isolation. The important thing is the commitment of the ANC to socio-economic development," she said, adding that good health care was fundamental to basic human rights.

Under the unified national health service proposed by the ANC, care would be accessible at ground level and priority would be given to major social issues such as the status of the disabled, women, children and workers. Measles immunisation would be a priority.

A decentralised administration would be centrally coordinated in line with rational planning.

Dr Chetty said the ANC also wanted more community participation in health, based on World Health Organisation recommendations. Community health centres would be the foundation of the national health service.

She said that despite the appearance of change in South Africa to the rest of the world, very little had really changed in the health system.

"At the moment the Department of Health is saying all the right rhetoric but the actual proof is in the practical implementation, and you really don't see that," Dr Chetty said.

"They are not making totally serious attempts and so there have been minimal effects.

"Nothing has fundamentally changed, they are only token changes. We still don't have the vote."

She said the hospital privatisation debate was an indication of the will of the Government.

There had been a call by the ANC for a moratorium on all unilateral changes while negotiations continued between the ANC and the Government.

"The Government is trying to institute a number of changes totally unilaterally and we feel they will have a radical impact on the health system," Dr Chetty said.

One of these changes is the imposition of value added tax on health care, an initiative strongly opposed by the ANC.

Dr Chetty was invited to Australia by the Australian Community Health Association to look at community health services and see how they could be applied in South Africa.

She visited Newcastle, Sydney, Brisbane, Adelaide, Wollongong, Perth and Melbourne.

THE SWEDISH CONNECTION

Dr Roger Coldwell, Principal Lecturer in the Department of Curriculum Studies, is developing a research team in Sweden. The University of Lund (at Malmo in Sweden) has expressed an interest in his approach to working at computers with mute autistic children. Postgraduate students plan to replicate Dr Coldwell's early work (University of Melbourne) under his guidance. "I now have the awesome prospect of a crash course in Swedish," he said. Although the students all speak and read English, he feels that he ought to make the effort.

He has found that some autistic children, who often have difficulty using both

Continued p 11
FROM WITCHCRAFT TO T

Newcastle University graduate, Alan Hayes has come a long way since dabbling in his grandmother's herb garden. His column, "Healthy Alternatives" is syndicated in 156 newspapers around Australia and his eight books are read in Australia, the USA and the UK.

Alan's studies of "medical herbalism" in the 1970's were met with scepticism by his friends and colleagues. "People considered me to be a crazy, eccentric person living on a farm," Alan recalls. "At that time, the trend towards natural medicines wasn't there," he explained.

Alan did not however let the doubt and ridicule of others thwart his own desire to learn more about natural therapies and in 1985 he published his first book entitled Country Scents, which he says, is still selling today.

"The book is like an evergreen, with more copies being reprinted annually," Alan proudly states.

Although Alan had always had an interest in alternative or natural therapies, his father encouraged him to "get a proper job" and so at the age of 19, Alan found himself selling insurance - a job he kept for 11 years.

Upon "retiring" from the insurance game, Alan was convinced by a friend to help set up an advertising company. "We did OK, but it became a headache, so in 1989 I sold out."

In search of a new career, Alan enrolled in an Associate Diploma in Visual Arts at the former CAE and switched to a degree in Visual Arts in 1989. Alan's sculptures can be seen outside the University's Visual Arts building.

During his studies, Alan's passion for natural therapies continued to blossom and he had vision of becoming self-sufficient on his 12 1/2 acre property in the mountains of the Central Coast.

Alan's property is set up in the style of a cottage garden. He hopes to establish a nursery and a studio/gallery featuring artwork (his own and that of other local artists), as well as displaying an interesting range of herbs and skin-care products.

Alan smiles as he recalls testing his skin-care range on the students at Newcastle University, and emphasises in a tongue-in-cheek manner that his products were not tested on animals.

"Making herbal products is according to Alan, "fun, friendly and inexpensive".

"The whole concept of this product is that it is totally natural and affordable," Alan says, adding that his products are "almost in the supermarket price range."

"It annoys me when I see people paying for expensive packaging and advertising," he says.

Alan's products will be sold in slip-cast ceramic jars which will be cleaned and re-filled after use, making the whole exercise very environmentally friendly.

"I have a great feeling for the environment and it really distresses me to see what we have done to our environment in such a short time."

"Following World War II we became a disposable, throw-away society in search of better products. We destroyed the ecological chain in the process," he added.
Simple Moisturising Cream

15g of Beeswax (natural)
75ml almond oil
40 ml Herbal Infusion
8-12 drops lemon juice
5–6 drops fragrant oil

Herbal Infusion
In a ceramic bowl add 300 ml boiling water to 1 teaspoon each of chamomile and elderflower. Leave overnight and then strain through a cloth.

Moisturising Cream
Melt beeswax in a double boiler over medium heat. When liquid stir in warm almond oil and herbal water. Mix well.
Pour into ceramic bowl, add lemon juice and fragrant oil. Beat until creamy.

Note: Use only enamel or stainless steel bowls and wooden spoons. Store in sterilised jars.
NOW AVAILABLE IN UNIVERSITY LIBRARIES

Mr Peter Baldwin, the Federal Minister for Education, recently launched LIBLINK, a project funded by the NSW Vice Chancellors' Conference through a grant from DEET, to enhance the sharing of library resources in this state. LIBLINK will enable library users to search, with a single set of commands, the online computer-based catalogues of the libraries of the nine universities in the state. It will eventually provide access to details of more than four million monographs and serials.

LIBLINK allows users to connect to selected institutions' online catalogues via a common set of screens and search for items. This eliminates the difficulty encountered by users of AARNet in searching remote library catalogues without being familiar with the local command language. For example, if you are at the University of Newcastle and the item that you have searched for locally is not available, you can, with the same search, enquire of Macquarie University's catalogue to see if the item is available there. Depending on the local system, a library user will also be able to establish if the material being sought is on loan and perhaps avoid an unnecessary trip to another library.

LIBLINK will access the library catalogues of Charles Sturt University, Macquarie University, the University of New South Wales, the University of New England (excluding the Armidale campus), the University of Technology, Sydney and the University of Western Sydney. The Conservatorium of Music and the Sydney College of the Arts now incorporated into the University of Sydney are also accessible. Further NSW University Library catalogues will be added over the next six months.

The LIBLINK facility is now available through dedicated ALLEVCAT terminals in the Auchmuty and Huxley Libraries. Enquire at the Reference Desk in each library. Further library terminals dedicated to LIBLINK and other AARNet facilities will be added as they become available with the introduction of the new library computer system later this year.

It is also possible to access LIBLINK directly via any terminal or microcomputer linked to the Vax or Unix computers and connected to AARNet. All you need is a Telnet connection to unilinc.edu.au or the ip address 129.70.216.10. You will then see the 'vega login' prompt. At this point key in 'liblink' in lower case.

Documentation for those members of faculty and students who may require it is available from either Library or from the Information and Public Relations Unit located in the Chancellery.

CAMPUS ECOLOGY

Significant progress has been made on the writing and designing of a book dedicated to the University's bushland environment.

A committee of writers and designers has begun the book at the invitation of the Friends of the University and the Vice-Chancellor, Professor Morgan.

The committee's convenor, Mr Kevin McDonald, of the Department of Applied Science and Technology, said the idea was that the book would provide information on the flora, fauna, and natural ecology of the grounds. It was hoped that it would be sought out as a memento of university days by students, staff members, overseas scholars and visitors.

The general aim is to produce a book that, while attractive in appearance, will be thorough in its coverage, but will not be too much like a textbook.

The President of the Friends of the University, Mr Keith Barbour, has expressed strong support for the committee's work. The Friends have set aside $20,000 in production assistance. It is anticipated that subsequent sales of the book will defray any additional costs.

The committee has met eight times so far and a wide selection of drawings, paintings, maps, diagrams and photographs have been tabled for possible inclusion in the book.

Mr McDonald said much thought had been given to the design and layout of the book.

A dummy cover has been drawn up and a list of possible contents put together.

The committee hopes to have the book in production by the end of the year.

Graphics and photographs will be used to support the text, which will begin with a description of the days before white settlement, when the native bush forest supported Koori communities.

After European settlement what is now the campus became Platt's Estate, a large tract of land granted in 1815 which covered the area between Wallsend and Waratah. The Platt family lived in a mansion on the property, which they sold around the turn of the century to a coalmining company.

From the mid-19th century until about the 1940's a rail line ran through the campus to carry coal, and mining companies took a number of trees from the land to use as pit props. A section of the former rail line now comprises part of the University cycleway.

The book will also include a description of flora and fauna on the campus, including the wetlands area.

There will be a guide to walks around the campus and detailed map which, Mr McDonald said, should give the reader a bird's eye view of the campus as it is today.

He said he hoped the book would be published by a Newcastle company, but stressed that the committee wanted a particularly high-quality product and would go outside the city if necessary.

The committee is: Mr McDonald (convenor), Ms Chris Sanders, Mr Roger Dunstan, Dr Keith Russell, Mr Andrew Atkins, Ms Genevieve Wallace (all of the Department of Design), Associate Professor Max Maddock (Department of Education), Mr Gary Weber (Electron Microscope Unit) and Dr Don Morris, who was the University Planner from the early 1970's to 1988.

Mr McDonald said every member of the committee had a strong interest in the natural beauty of the campus grounds. They are known for their skills in natural history, illustration, painting, design and photography.

He said the committee would seek the advice and expertise of others in the compilation of text and the checking of detail.

BULLETIN • 10
A project aimed at developing links between women's sporting organisations and the Hunter media has received official recognition from the Federal Government. The Hunter Medialink Project was conducted over one year by the Division of Leisure Studies. The project was one of 15 out of 200 nominations receiving a merit certificate in the Local Community Initiatives section of the 1992 Prime Ministerial Women and Sports Awards.

The Project Officer, Ms Helene O'Neill, worked with six sports associations to improve their media skills and liaised with media organisations to increase their awareness of women's sport.

Ms O'Neill said that historically coverage of women's sport was highly sexist and served to reinforce a traditional, passive role for women.

The Hunter Medialink Project aimed to challenge the stereotypes presented by the media.

The Head of the Leisure Studies Division, Mr Peter Brown, said that research in the 1980s by the Federal Government's Office of the Status of Women had found entrenched media attitudes to women's sport, but had also found that women's sporting organisations had to take some responsibility for the lack of coverage.

Ms O'Neill's task was largely to improve sporting organisations understanding of the media.

"All sporting associations are involved in public relations so they have to know how to do it," she said.

The groups were encouraged to develop a plan which would enable them to keep the media informed of important events.

She said that, of the media, the best response to the program had come from radio.

Newspapers welcomed community input on women's sport, but still gave the vast majority of space to male teams playing at national level in rugby league, basketball and soccer.

When an outstanding sports woman received coverage it was rare that an action photograph accompanied the report.

National surveys conducted in 1980, 1984 and 1988 of the major metropolitan newspapers and television stations had found that only between 1.5 and 2.3% of sports coverage was on women's sport.

In April and May of 1991, 11.7% of sports coverage in The Newcastle Herald belonged to women, compared to 23.4% for April and May of 1992.

Mr Brown said that The Newcastle Herald had devoted considerably more space to women's sport than other large metropolitan daily newspapers.

Research of NBN television's 6pm news in April and May, 1991, and August and September, 1991, showed that 10.9% of sports time was devoted to women's sport.

He said increased competitiveness since aggregation had improved the television coverage.

Mr Brown believes that the Hunter Medialink Project had had a direct influence on local coverage of women's sport.

"There has been a general trend towards better coverage in the last couple of years. All the media are now more aware of women's sport," Mr Brown said.

Ms O'Neill said that coverage of women's sport differed to men's, not only in the amount of coverage received, but in the language and types of photographs used.

She cited one major newspaper's coverage of the Australia versus New Zealand Netball Test Series, which Australian won.

The newspaper accompanied an article with a photograph of kleenex tissues (a sponsor) being handed out to competitors at half-time.

"The trouble is that people are still comparing women's sport to men's sport, and of course they are different," Ms O'Neill said.

"Nothing will change until it is accepted for what it is."

The medialink project was one of six chosen nationally to be funded by the Aussie Youth Sports scheme.

Mr Brown and Ms O'Neill are now reviewing the results of the 12-month project and will soon submit a report to the Australian Sports Commission.

Mr Brown said the project had aimed to increase the number of women in sport for reasons of gender equity and also because of the well-documented physical and social benefits of sporting involvement.

He said there was a sharp drop-off in sporting involvement for women once they left school.

There was also a large difference in the number of male and female sporting officials and coaches.

It is possible that the Hunter Medialink Project will be followed up by programs in Wollongong and Townsville. This is the first year that the Prime Ministerial Women and Sports Awards have been presented. They reward outstanding initiatives recognised for their support of women and girls in sport. There were five other award categories, with the National Gold Award going to ABC Television for its Goal Attack program.

SWEDISH CONNECTION... Continued from p7

alphabetical and numerical symbols, are able to develop, save and use their own hieroglyphic symbols using graphic-based software. Given that some of them have this ability, he is trying to develop artificially intelligent software which will recognise, interpret and respond to the meanings of their rough hieroglyphic symbols in an intelligent way. He has found that, as well as recognising one another's symbols some autistic children can correct re-arranged messages of other autistic children in the way that we might correct misspellings and typos. His theory includes the distant possibility of their developing their own autistic culture by this means which could include computer-assisted composition of music.

The World Health Organisation has also expressed an interest in the work.

Dr Coldwell is negotiating with Deakin University to use the facilities of their Xerox Artificial Intelligence Laboratory.

Given this initial research connection between the Faculties of Education in Malmö and Newcastle, it is surprising how similar they are. Both of the universities serve industrial areas, both faculties have strengths in educational psychology, both have Centres for Special Education, both have recently developed a major thrust in Design and Technology Education and they share a liaison role, too, between schools and industry. Lund also has a large Faculty of Medicine. Clearly, a major contrast is the geographic location of the universities on the globe!
BRILLIANT COLOUR AND BLOBS OF HONEY

At around lunchtime on Wednesday June 17, the University was presented with a painting which it's never had before - a painting which has an unusual history and is likely to appeal to the University ever since - as a student, a tutor, and full-time member of staff since March 1991.

However, the story of the painting and its journey to the University began in the early 1960's, when, at the age of 32, Ted Miller joined the Leonora Glass company as Production Manager. Incidentally, by 1969 Dr Miller had become the General Manager.

Interestingly enough, Dr Miller’s first visit to the University was in 1978 in his capacity as G.M. of Leonora Glass. He visited the University at that time to promote the sale of commemorative giftware, examples of which can be seen in the Convocation Shop.

The Leonora Glass factory was located on the present Shortland Electricity site on Newcastle Road. From the mid sixties until 1982, when the company was forced to close down, Leonora Glass employed 300 people and was the only commercial manufacturer of hand-blown glass in Australia. It's closure ended this country’s ability to manufacture hand-made glass on a significant scale.

"The Glass Blowers" was commissioned by Dr Miller and painted by Mrs Lila Allen in 1972. The painting occupied the prime position on Dr Miller’s office wall for almost ten years.

When Leonora closed, Dr Miller ended up with the painting. He admits, a little guiltily, that the painting was "put under the house, because I simply had nowhere else to put it".

Fortunately, Dr Miller rediscovered the painting and decided it deserved to be seen. "It was just too bright and colourful to be stuck under my house," he said.

"You see a glass blower works with a blob of molten glass at 1300°C. At that temperature the glass is almost like honey - so the glass blower must continually turn and shape the glass, much the same way as you would turn a spoon dripping with honey.

"The Glass Blowers" was painted in an attempt to capture the dynamic movement and colour of the glass blowing process. It is a very vibrant and colourful piece," he said.

"The Glass Blower" will be on display soon in the Auchmuty Library.

by Adam McWhinney
3rd year B.A. (Communications Studies) student

RESEARCH SCHOLARSHIPS

Information on the following scholarships may be found posted on the Scholarships noticeboard in the Concourse of the Hunter Building or is available from the Scholarships Office, Hunter Building Telephone 216544

THE ASSOCIATION OF CANADIAN STUDIES IN AUSTRALIA AND NEW ZEALAND (ACSANZ)
15 August 1992
Award for postgraduate student to attend and present paper at the ACSANZ biennial conference to be held in Wellington, NZ, in December 1992.

THE CALTEX NATIONAL SCHOLARSHIP FOR WOMEN 1992
18 September 1992
An award for women graduates intending to embark on a career in business or public administration, by first pursuing postgraduate full-time study overseas.

THE ASTHMA FOUNDATION OF NEW SOUTH WALES RESEARCH SCHOLARSHIPS 1993
12 August 1992
Awards open to graduates proceeding to a higher degree for research relevant to asthma.

RIVER BASIN MANAGEMENT SOCIETY - ERNEST JACKSON MEMORIAL RESEARCH GRANTS
10 July 1992
Grants for undergraduates/graduates, or other researchers, in any area of study allied to river basin management.

THE UNIVERSITY OF NEWCASTLE POSTGRADUATE SCHOLARSHIPS (UNRS) 1993
31 October 1992
Open to Australian and overseas students for full-time study at the University of Newcastle.

AUSTRALIAN POSTGRADUATE RESEARCH AWARDS (APRAS)
31 October 1992
Scholarships available to Australian citizens undertaking a full-time (and in exceptional circumstances, part-time) Masters degree or Doctoral degree by research.

Continued on p15
UNIVERSITY RUGBY

Three members of the University Rugby Club played for NSW Country against Scotland at Tamworth recently. They are Antony Ekert (Surveying) at half-back, James Lancaster (Commerce) at five-eight, and Stephen Heanly (Education) at breakaway. Ekert and Heanly scored tries but Scotland won the match 26-10.

Antony Ekert is in the rare position of having played four times against Scotland. He kicked the winning goal for the Northern Territory President's XV in Darwin, played for the Emerging Wallabies in a drawn game at Hobart and came on late in the game in the easy New South Wales win against the Scots.

The University team is currently fourth in the local competition but with the return of key players is expected to finish strongly.

"NEW ORLEANS JAZZ . . . THE GENUINE ARTICLE!"

The Music Lovers Club will break new ground at its next Music Evening on Tuesday July 14 when greatly admired Newcastle Jazz Clarinettist, Jack McLaughlin, with rhythm backing, will present New Orleans Jazz for the original F jazz Clarinet as used in early parade band music in America's Deep South. This type of clarinet (Jack's was made by Boosey and Hawkes in 1933) was especially prized for such parades because of its high pitch which was so effective outdoors. Its tone was described as "pure silver". Jack's instrument is actually made out of silver and was found here in Newcastle, unused under a bed!

For this special evening Jack has requested the "right atmosphere" and we plan to serve Cajun Food and liquid refreshments - just no smoking please! The whole evening, which commences at 6.30 pm sharp, will take place in the Common Room at the Newcastle Conservatorium of Music, Auckland Street, on the Ground Floor.

Cost for the whole evening, music and refreshments, will be $10 for Club Subscribers and $15 for non-members who are most welcome. As our room is limited in size, numbers must be restricted to 30, so bookings are advisable. Phone our Secretary, John Allen, on 497-7421. Surplus funds are donated to the Thomas Naisby Memorial Scholarship for Conservatorium Students.

If you would like to know more about the music, Jack McLaughlin would be happy to hear from you on 52-1469.

KEYBOARD FESTIVAL CELEBRATES 40 YEARS

The Newcastle Conservatorium of Music will celebrate 40 years of performing and teaching during its 1992 Keyboard Festival which runs from August 24 to 29.

Since its establishment in 1952 the Newcastle Conservatorium has continued to grow in stature to the point where it now enjoys a national and international reputation.

Of particular interest to young musicians are the competitions with prizes of $1000 for piano, harpsichord and organ performance, and the $5,000 Jean Bogan prize for Piano Composition. The Junior Hunter Region Piano Competition will encourage pianists under 17 years of age. Entries for the competition close on July 31.

Major concerts, to be held each evening, will culminate in a 40th Birthday Celebration Performance of Handel's Messiah on Saturday, August 29. Throughout the week, the Festival Cafe and Bar will provide refreshments and entertainment in Viennese style.

Tickets are available at the Conservatorium, and the Civic Theatre (phone charge 292261).

Details of events and competitions are available from the Hall and Concert Manager, Wayne Sheean, at the Newcastle Conservatorium of Music, Auckland Street, Newcastle NSW 2300. Phone: 29 4133.

COMPUTER CENTRE ESTABLISHED

A Chemical Computing Centre sponsored by BHP, the NSW Education and Training Foundation and the University will be established in the Department of Chemistry.

The centre, planned to open later in the year, will liaise with the Newcastle section of the Royal Australian Chemical Institute.

In the collaborative funding arrangement, BHP has donated $48,000 towards the cost of the computer hardware, while the NSW Education and Training Foundation will fund, through a grant of $38,500, the development of courses aimed at training chemists in the use of personal computers as part of their professional skills.

The University is providing specially fitted out accommodation in the Chemistry Department.

It will consist of a network of 16 IBM-compatible 386SX processor-based personal computers using state-of-the-art software. Courses will be developed in both introductory and more advanced levels, using examples from chemical work as the basis.

The Head of the Department of Chemistry, Associate Professor Geoff Lawrance, said the collaborative effort had enabled the establishment of a much-needed facility.

"We use about 200 personal computers in this laboratory and training in current software is an important part of staff development," Dr Belton said.

"Commercial courses in chemical computing are a relatively new innovation and are important as computers not only allow scientists to be more productive in their work, but also provide them with better means to communicate the results of their work," Professor Lawrance said.

"Major users of the centre will be the BHP Rod and Bar Division and the Australian Manganese Company Limited. Courses will be open to all chemists and other scientists and technologists and will be widely advertised through the professional societies in Newcastle and the Hunter Region as they are developed."
Dear Editor,
There is continuing confusion concerning the correct code names for key quarters of the combined campus.
As readers will realise, the right words can rectify the recent realities with relish and aplomb.
To this end, I humbly suggest that from this day forth these parts be named as follows:
The west campus is to be known as the WEST BANK and the east campus as the LEFT BANK.
The Chancellery will be referred to as CAMELOT (rather than Costalot) and the Hunter Building will be called BATTLESTAR GALACTICA, or Galactica for short.
In Xanadu did Kubla Khan
A stately pleasure-dome decree.
Where Alph, the sacred river, ran
Through caverns measured to and fro.
Down to a sunless sea.
So twice five milits of fertile ground
With walls and towers were girdled round..." 
Yours sincerely, Richard Tipping
Dept of Communications & Media Arts.

Dear Editor,
I write to express my dismay at the blatant discriminatory attitudes which the Commonwealth Bank and the University displayed in their negotiations concerning concessional rates for University employees who have banking liaison with the Commonwealth Bank.
The Bank is offering the concessional rates to employees who are employed at Academic Level A and above, and equivalent general staff.
I object to this agreement on two counts.
Firstly, the Bank, and, by its agreement with the University, have decided to act against the interests of the most disadvantaged employees of the University: those people who earn less than $27,060 p.a. Surely if any discrimination should occur, it should occur in favour of this economically disadvantaged sector of the University staff, not against it. I am appalled that the more advantaged sectors of the University should have the opportunity to reduce their home repayments, and/or reduce the time required to complete their loans, while the poorer sector of the University community, some of whom earn as little as $11,000 p.a. (full-time), are denied access to this facility.
My second objection lies in the use of academic pay scales as the benchmark. This is insulting to those employees of the University who are not academics. That the University could so disparage such a large section of its workforce astounds me.
In their decision to discriminate against so many employees of the University, the Commonwealth Bank and the University have demonstrated that both organisations are at best ignorant of matters of equity and natural justice. At worst, both these organisations have shown contempt for the poor and disadvantaged in their midst.
Shame on you both, and, since decisions of this nature are always made by individuals, some on those University and Bank Officers who agreed to this outrageous policy!
Yours faithfully,
David Morrison

Dear Editor,
With all the recent discussion of a corporate wardrobe, there are some members of staff whose requirements appear to have been overlooked. These are the ones who don't work in air-conditioned buildings and have to work where winter temperatures often do not get above 15º.
To improve the lot of these unfortunate, the corporate wardrobe should be extended to include at least corporate thermal underwear, and probably also corporate baladawa, gloves, overcoat and ugg-boots.
Yours faithfully,
Janet Hallinan
Administrative Officer, School of Health

Dear Editor,
On page five of the last Bulletin, under the heading "Acknowledgement", correcting an omission from a story in the previous Bulletin, a further error has appeared.
An article "The Sound of Light" describing my research appeared as a news item in "SCIENCE", the weekly journal published by the American Association for the Advancement of Science. It is the nearest American equivalent to the British weekly "Nature", and is definitely not not the American Journal of Science, as stated twice in the "Acknowledgement".
It is a pity that the Bulletin did not check out either item with me prior to publication, thereby saving everyone embarrassment.
Yours sincerely
Colin Kent
Department of Physics
We apologise for any embarrassment or inconvenience caused to Professor Keay.
Ed.

SHORLAND UNION SHOP
As part of the Shorland Union's regular specials, come the amazing winter run out sale!!! Contrary to popular belief, the Shorland Union Shop, located on Level 2 of the Shorland Union Building, does not only stock stationery supplies. It also stocks a wide range of accessories, such as this season's range of sports shoes. And to beat those winter blues, the Shop is offering brands such as Reebok, Dunlop and ASIC at incredible prices.

The Reebok range includes

- Lady Blaze Were $115 Now $89
- Ladies Fitness Walker Were $144 Now $113
- Ladies CXT Low Were $135 Now $102
- Royale Were $100 Now $82
- Transition III Were $115 Now $89
- Men's Fitness Walker Were $146 Now $115

Also on offer

- Dunlop Runners Were $49.95 Now $39
- ASIC Gel Speed Were $79 Now $69

SWEDISH STUDENT WISHES TO VISIT

The 19-year old daughter of a Swedish academic colleague would like to come to Australia as soon as possible for 12 months on an au pair basis. Further details from Professor Barry Boettcher, Extension 5700.

Letters to the Editor

Dear Editor,

Firewood, Cheap and Seasoned.
Cut your own or already cut & split. Weekends only. Phone Brett Extn 560 or 883620 ah.

FOR SALE
310 litre fridge plus upright freezer $350
Three boxes of adjustable pine melamine wall units $150
Phone Jeanette on ext. 5798 9,15a.m.-2.30p.m. or on 752726 after 3.15 p.m.

T.E. 12 Hilt Drill, one keyless chuck, carrying case, and 5 drill bits. Asking price: $360
AWA Stereo, three in one, with speakers. Asking price: $100
Portable CD player (SANYO), with adapter (brand new). Asking price: $150
Bar: 1m height, 1.2m wide. Asking price: $50
Contact numbers 216 000 or 508 017

FOR RENT
Charming 2/3 bedroom brick home - partially furnished, includes fridge, TV and washing machine. A quiet residential address with pleasant neighbours. Close to Blackbutt Reserve and Blackbutt Shopping Centre. Lock up garage. Small pretty garden requiring minimal maintenance. Available late July for up to 6 month rental. $180 a week but negotiable for the right tenants.
For enquiries please telephone 216433, or 653764 after hours.

WANTED
Second-hand upright four-drawer filing cabinet. Old is okay. Please phone Miranda (AH) 61-0428.
Local Government Association of South Australia
Special research projects of up to $15,000 or greater in any field, of general benefit to Local Government in SA.

The APEX Foundation for Research into Intellectual Disability
Grants may be awarded to workers in any discipline - medical, educational, epidemiological, psychological, biological, sociological etc.

Land & Water Research & Development Corporation
Preliminary submissions which will lead to results enhancing the better management, sustainable use and conservation of land, water & vegetation resources in Australia.

Wool Research & Development Corporation
Preliminary submissions for "On-Farm Research in 1993/94" (Formerly production and wool harvesting research).

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

The Asthma Foundation of New South Wales Research Grants
Australian Retinitis Pigmentosa Association
Research funding relevant to the causes, treatment and cure of Retinitis Pigmentosa (RP).

Dairy Research & Development Corporation
Preliminary submissions for dairy research proposals.

Sudden Infant Death Research Foundation
New South Wales State Cancer Council
Grants in areas including quality of life, psychosocial needs and support services for cancer patients

FELLOWSHIPS, CONFERENCES & PRIZES

World Health Organisation
1993 Fellowships to provide opportunities for training not available in Australia and to facilitate the international exchange of scientific knowledge in public health techniques and medicine in general.

NH&MRC FELLOWSHIPS
Cf Martin Fellowships- to enable Fellows to work overseas of specific research projects within the biomedical sciences.
Australian-Postdoctoral Fellowships - to provide a vehicle for training in basic research within the biomedical sciences in Australia.
Neil Hamilton Fairley Fellowships - to provide training in scientific research methods including those of the social and behavioural sciences which can be applied to any area of clinical or community medicine.
Australia Applied Health Sciences Fellowships - to provide training in scientific research methods, including those of the social and behavioural sciences which can be applied to any area of clinical or community medicine. Proposals in Virology would be of particular interest.

DITAC Japanese STA Fellowships 1992/93
Postdoctoral research in the science and technology field

ARC International Reciprocal Research Fellowships Program (France)
Recipients are nominated by researchers or institutions in the host country. Research areas for this award are the humanities, social sciences, natural sciences or engineering.

The Harkness Fellowship
Four fellowships tenable for between 12 & 21 months. Includes return airfare to the US, living & family allowances & travel. Open to men & women in any profession or field of study.

SCHOLARSHIPS

OVERSEAS POSTGRADUATE RESEARCH SCHOLARSHIPS (OPRS)
Open to overseas applicants from all countries commencing study in 1993.

AUSTRALIAN POSTGRADUATE COURSEWORK AWARDS (APCA)
Awards for Australian citizens planning to enrol in an approved Masters by coursework program at an approved institution in 1993.

THE APEX FOUNDATION FOR RESEARCH INTO INTELLECTUAL DISABILITY LTD - STUDENTSHIPS 1993
Open to undergraduates preparing theses as part of their studies. Any thesis submitted to the Foundation must relate to intellectual disability.

ROTARY (DISTRICT 9700) APPLIED SCIENCE SCHOLARSHIP
Scholarship for undergraduate student of Science, who has completed high school education in the Orange district and whose family home is in that district.
SINGERS WANTED
NEWCASTLE CATHEDRAL FESTIVAL 1992
September 24 - 27
As part of the 1992 Newcastle Cathedral Festival there will be an evening of Coronation Music for large choir and orchestra on Saturday, September 26 at 8.00 p.m. This will be conducted by Dr Christopher Dearnley (formerly Organist, St Paul's Cathedral, London). Participating choirs are the Festival Chorus, Sydney Voices, Todor Singers of Newcastle and Christ Church Cathedral Choir.

Last year the Festival Chorus performed Andrew Lloyd Webber's Requiem. This performance was repeated in February as part of the Sydney Town Hall's Sesquicentenary celebrations (as part of Her Majesty Queen Elizabeth II visit to Australia).

The number of rehearsals for the performance are purposefully limited - singers will be required to learn as much of the music as possible before the rehearsals.

If you would like to join the Festival Chorus for the Coronation Music Concert, please contact Trisha Matthias (29 4348) or Louise Pavey (57 1314) as soon as possible.

COST $10
REHEARSALS - held at Christ Church Cathedral.
SUNDAYS 2.30PM - 4.45PM starting on July 26, 1992.

PSYCHIATRIC PRACTICE IN CHINA
A lecturer in the Faculty of Nursing is travelling to The People's Republic of China to participate in the activities of a large psychiatric institution.

Ms Jenelle Langham will be looking at catering and care delivery for the mentally ill in Shashi, a large city in the province of Hubei, as part of a study leave project.

Jenelle says that she has chosen P.R.C. partly because, "Psychiatric and Mental Health Nursing practice, theory and education in Australia has largely been influenced by ideas and practices coming from America and the United Kingdom. We are thus in danger of being (or remaining) ethnocentric in our views and practices regardless of our desire to be otherwise. In order to try to avoid this, we must extend our knowledge base beyond our own western culture. This is becoming increasingly important when placed in the context of an increasing Asian orientation for Australia".

Jenelle will also be visiting two psychiatric institutions in Hong Kong. One is a modern clinic, the other a larger, old style institution in the New Territories.

WATT SPACE EXHIBITION PROGRAMME 1992 - 93

18.6.92 - 6.7.92 Rhythm, Blues and Soul
Maria Mason, Pam Nailer & Lee Zanders, Painting and drawing

9.7.92 - 27.7.92 Friction on the Home Front
Faye Nellson, Jan Downes and Emil Goh, Ceramics and Photographs

30.7.92 - 17.8.92 Joanne Kot, Painting

20.8.92 - 7.9.92 Postgraduate Painters

11.9.92 - 5.10.92 Watts Three Birthday Exhibition Postcards (Open Competition)

8.10.92 - 26.10.92开放 Cash and Carry Exhibition for all students and recent graduates

25.12.92 - 20.1.93 Closed for Christmas


11.2.93 - 1.3.93 Megan Lessi, Lee Rarity, Grant Hall, Mixed Media

INSIGHT INTO EDUCATION
Some University staff may have looked on in envy at the many interesting international tours conducted by staff of other Australian universities. Each year educational tours are conducted to many corners of the world. At the minimum the accompanying academic receives recompense for all travel and sustenance costs incurred. In other cases fees of varying magnitude are paid. Frequently the academic uses the educational tour to get to places of research interest when travel and research grants are unobtainable.

One of the major agencies involved in academic and educational travel is Insight Tours. The Department of Community Programmes has been approached by Insight Tours with the suggestion that Newcastle Academics might be interested in contributing a number of tours to the Insight Program. Community Programmes has responded willingly to the approach. As lecturers may know the Department has been experimenting with a number of educational tours for the past 18 months and the Insight initiative is most welcome.

Newcastle academics interested in being involved in international travel are invited to a meeting with representatives of Insight to be held at 1 pm on Friday, July 17 in room ALG 56 (McMullin Building).

CENTRAL COAST FRIENDS OF THE UNIVERSITY
Professor Clif Ellyett was host to an evening with the Friends of the University at the Central Coast Campus at Ourimbah, on Friday, June 12.

A concert by Faculty of Music students' Jarrod Walters, guitar; Kate Hutchison and Kailie Moultin, flute, provided the evening's entertainment. Robert Constable, Deputy Dean of the Conservatorium of Music, introduced the program which consisted of works by Handel, Purcell, Segovia, Coste, Debussy and Loeillet.

Chris Hartcher, Member for Gosford and Grant McBride, Member for The Entrance, attended and were part of a very appreciative audience.

THE BULLETIN
The BULLETIN is the main organ of communication inside the University of Newcastle. Published on a fortnightly basis, the publication disseminates campus news not only to staff and students of the University but also to graduates, community leaders and members of the media. Copies are also supplied to students of the University Conservatorium of Music and at the Central Coast Campus.

The BULLETIN is produced by the Information and Public Relations Unit using PageMaker, Corel Draw and Wordperfect applications. Letters to the Editor (no longer than 300 words and signed), reports on outstanding and unusual research, advertisements and news stories are particularly welcome.

The BULLETIN is edited by Sonja Duncun. Please contact either Sonja or Rosemary Roothan on Extensions 6440 or 6445.