Australia needs population policy

by Alison Grahame

Professor Jetse Kalma, the first occupant of the Hunter Water Corporation Chair in Environmental Engineering, addressed a large audience who packed into the Purdue Room last month to hear his inaugural lecture, Water for Our Cities. In a wide ranging talk, Professor Kalma discussed the close link between environmental impact, population levels, consumption levels and technology.

He began with the question of Australia’s population growth and whether we had the resources to sustain the number of people expected to be living here within the next 50 years. He also questioned how long the country could continue to exist without an explicit population policy.

“Most of our environmental problems are related to population size and the rate of population growth. When resource demands or waste production exceed carrying capacity, resource depletion and environmental degradation will follow,” he argued.

“I share the concern of people like Barry Jones who have made a plea for much greater involvement by the States, the Departments of the Environment, urban and regional planners and demographic experts in forming a population policy. Underlying the question of population growth, resource limitations and environmental impact, must be some concept of ultimate carrying capacity,” he said.

Professor Kalma made the point that Australia had the highest rate of population growth of any developed country, due largely to its high levels of immigration. Depending on the rate of immigration you use, he said, projected population figures for the year 2042 lie somewhere between 19 and 37 million.

It was easy, Professor Kalma said, to fall into the trap of linking population with prosperity.

“An editorial in The Australian last year rejected the notion that Australia had reached anything like its natural carrying capacity and stated that the physical environment was essentially a question of good management rather than population size. I believe this view to be very one-sided and I will continue to express strong support for the concept of biophysical resource constraints,” he said.

Professor Kalma pointed out that Australia’s rainfall is the most variable in the world.

“This variability is often explained by reference to El Nino and the Southern Oscillation Index but research tells us that they explain only about 25% of the rainfall variability at any one location. Australia is essentially a dry continent with a highly irregular pattern of floods and droughts. The fact is that most of Australia’s large rivers

Franchise agreement with Malaysia

An agreement signed this month by the Vice-Chancellor and the Principal of Malaysia’s Educational Consultants Network will make the University of Newcastle the first university in the world to be able to offer full degree programs in Malaysia.

The agreement follows changes to Malaysian law which until recently had allowed foreign universities to offer only partial degree programs. The 10-year deal will allow the University to franchise degree programs in economics and commerce which will be available through three English language campuses wholly operated and staffed by Malaysians. It is expected that the program will attract between 1000 and 1200 students in the first three years and earn the University somewhere between $700,000 and $1 million in the third year of operation, and more in subsequent years.

Mr John Stephens, head of the University’s International Office said that the University’s role was essentially one of quality control.

“We will establish the standard, he involved in the appointment of academic staff, monitor student progress throughout the learning process and act as external examiners,” he said.

With the cost of a three-year degree in Australia for a full time international student at some $60,000 it is anticipated that there will be no shortage of Malaysian students willing to pay around $24,000 for the same degree at one of their own colleges. The fact that the demand for university places in Malaysia has outstripped supply also works in the University’s favour. With similar sized populations, Malaysia has just 30,000 university places - Australia 550,000.

It is expected that the three campuses offering our degrees - Kuala Lumpur, Penang and Johore Baru - will quickly reach their intake targets and according to Mr Stephens there is potential for further expansion.

“It is possible we could also offer courses in other regional centres such as Ipoh, Perak and Kedah. We are not yet big a player in the market as some Australian institutions, but we are lifting the sights and moving up the league.”
LETTERS

Editor Notes

The issue of parking continues to be a sore point. The letters received on this subject range from the entertaining to the obvious passion and conviction. We are quite lengthy, but in the interests of both editors, we have run them in full.

Just too lazy?

It is close to everyone on campus, except it seems those responsible for the planning vehicle access and parking, that we are facing a severe parking problem. Perhaps if our planners had foreseen, and reserved parking they would appreciate the severity of the problem. Our planners' response to this extremely frustrating problem has been to commence issuing fines enforceable by the NSW courts for those who park on see parked illegally as of April 1. It thus seems to be our planners' view that all offenders should find legal parking, but we are just too lazy to do so. In other words, the blame for poor planning is being shifted to those who choose to be driven for commuting by car is essential but who cannot find a place to park.

Clearly the University needs to enforce parking regulations to prevent environmental degradations and parking that interferes with traffic flows. However, the University planners need to be aware that the reason why so many people park illegally is because there is an extreme shortage of parking places. Fines for parking on campus have increased from $2,474 in 1990 to $1,765 in 1995. Over the same period, the number of staff has increased by 1,516 to 2,150. Thus there has been an overall increase in income generated to the University of just under $500 since 1990. However, the number of parking spaces has increased by only 120 over this same period, and these new spaces are in new car parks which are separated from campus a kilometre away from the western campus. Thus in the university's western area, the number of parking spaces has not increased at all since 1990 (with the exception of some extra spaces provided along some parts of the University's roadways) despite the increase in the number of students and staff indicated above.

The current parking situation is untenable. It is time that those responsible for the planning vehicle access and parking on this campus did something constructive about addressing this situation. We the undersigned students and staff for parking illegally when there are insufficient legal places available is not the solution. It is a great deal of hardship between the administration and students and staff, and is likely to alienate the large numbers of potential students who are attracted by the University's strong legal challenges by frustrated students and staff who are forced onto these streets, and right to have reasonable access to parking facilities at the University where they work, or take courses.

It may be that we have reached the stage where the University is going to have to consider constructing a multi-storied car park to accommodate the greatly increased demand for parking on campus. This may be the best way to well meet the need to commence charging an annual fee for parking, but certainly not an amount of $4 per day as was recently mooted in the Newcastle Herald. A fee of $50-$75 per year would encourage access to parking, and perhaps $2 per day for visitor parking, would not be asking too much from the majority of students. After all, University land does have an opportunity cost and parking is one use to which it can be put.

CW Stable

Economics Department

Spurious comparisons

A recent edition of the University's internal newsletter contained an article deploring the conduct of the University's core activities of teaching and research is being aided by making it even more difficult for staff to get to their places of work. And the reason Mr Foster gives as justifying this is deplorable and must be stopped. The suggestion that this University is prepared to take the lead, Mr Foster justifies the action which he believes is the major reason that some other universities are not in a position to provide staff with parking. Equally badly, he makes the most spurious assertion I've ever come across with the "business community".

Mr Foster brings out the big guns when he invokes "equity". It might be possible to argue that a genuinely equitable arrangement would be achievable with a parking free-for-all, which could be effected overnight through the abolition of all designated and reserved parking. But I don't see anyone painting over the reserved signs on the parking spots or otherwise obliterating them.

Why do I (and so many others) feel that this is just another step in the administrative campaign designed to demonise and alienate staff? I haven't been diagnosed as paranoid yet, and I don't think a golden age of happy working lives in universities - or age which I'm sure never existed - but I think I know when a place is going to shit.

Mark Gauntlett
Drama Department

Management not fair dinkum

First semester must be upon us as staff have just received their annual haranguing about parking on campus. A university that supplies large numbers of cars to senior staff which are driven on campus with single occupancy, and who specifically reserved parking spaces seems somewhat hypocritical in its attitude to the remainder of staff.

Where Don Foster (the Editor of the Newcastle Herald) would like to see the majority of "staff only" parking is, I don't take the lead, Mr Foster justifies the action which he believes is the major reason that some other universities are not in a position to provide staff with parking. Equally badly, he makes the most spurious assertion I've ever come across with the "business community".

Mr Foster brings out the big guns when he invokes "equity". It might be possible to argue that a genuinely equitable arrangement would be achievable with a parking free-for-all, which could be effected overnight through the abolition of all designated and reserved parking. But I don't see anyone painting over the reserved signs on the parking spots or otherwise obliterating them.

Why do I (and so many others) feel that this is just another step in the administrative campaign designed to demonise and alienate staff? I haven't been diagnosed as paranoid yet, and I don't think a golden age of happy working lives in universities - or age which I'm sure never existed - but I think I know when a place is going to shit.

Mark Gauntlett
Drama Department

Out of touch

Any decision to eliminate "staff parking" is deplorable and must be resisted. A university that supplies large numbers of cars to senior staff which are driven on campus with single occupancy, and who specifically reserved parking spaces seems somewhat hypocritical in its attitude to the remainder of staff.

Where Don Foster (the Editor of the Newcastle Herald) would like to see the majority of "staff only" parking is, I don't take the lead, Mr Foster justifies the action which he believes is the major reason that some other universities are not in a position to provide staff with parking. Equally badly, he makes the most spurious assertion I've ever come across with the "business community".

Mr Foster brings out the big guns when he invokes "equity". It might be possible to argue that a genuinely equitable arrangement would be achievable with a parking free-for-all, which could be effected overnight through the abolition of all designated and reserved parking. But I don't see anyone painting over the reserved signs on the parking spots or otherwise obliterating them.

Why do I (and so many others) feel that this is just another step in the administrative campaign designed to demonise and alienate staff? I haven't been diagnosed as paranoid yet, and I don't think a golden age of happy working lives in universities - or age which I'm sure never existed - but I think I know when a place is going to shit.

Mark Gauntlett
Drama Department

The University of Newcastle

The views and opinions expressed in this newspaper are those of the authors and not those of the University of Newcastle. All correspondence should be directed to the University of Newcastle, DEPARTMENT OF烏

The 1996/97 Annual Report of the University of Newcastle is available in the reception at the main University campus. For further information or to have your copy mailed, please contact the University of Newcastle, DEPARTMENT OF鈥業EALIZATION.
Kevin McDonald’s contribution over 20 years both to environmental studies and to the creation of our bushland campus, was appropriately recognised earlier this month by the Board of Environmental Studies with a wood and iron park bench.

“We decided to place it beside the path between the Chancellery and the Student Union because this seemed the ideal place for those of us who have enjoyed Kevin’s guided talks and walks through the campus bushland,” lecturer in environmental science, Phillip Guary said.

To be known as the Kevin McDonald Chair for Environmental Inspiration, it was dedicated to him by the Board in a short ceremony held during Environmental Week.

**Ourimbah takes the stage**

*by Charles Graham*

Drama students at the Central Coast Campus have a new home in the old Ourimbah School of Arts. Its Board of Trustees has given it to the Campus on behalf of the people of Ourimbah with the assent of the Minister for Lands. In return the University will maintain it, and drama students will use it in their studies towards an Arts degree.

Ourimbah School of Arts has a colourful history. The push for a community hall in the village began in the 1880s, but it wasn’t until 1904 that one was built on the Pacific Highway near the railway line. After a few speeches on opening night, dancing began at 8pm to the music of Gosford Brass Band until it burned to the ground in 1923 in a fire said to have been started by a spark.

The hall was used as a library and for a variety of social functions until it burned to the ground in 1923 in a fire said to have been started by a spark from a passing steam train. A second hall was built a year later but it, too, succumbed to fire in 1949. Its replacement was an Army surplus Nissen hut erected in 1951 on a different site, in Glen Rd in the centre of the township.

“I’m absolutely delighted with it,” says Edward Scheer, the newly appointed drama lecturer. “It might still look like a Nissen hut from the outside but it provides a roomy, practical working space, and it has a marvellous atmosphere. It’s a multi-purpose space that can be used for any kind of contemporary production. I’m looking forward to using it.”

Dr Scheer comes to the Central Coast Campus from Macquarie University where he has been teaching drama and cultural studies since 1990. He has worked extensively in Sydney and London as a writer, director and performer in avant-garde productions.

So far $25,000 has been spent on re-fitting the School of Arts. The external corrugated iron was sprayed with a kind of tar membrane as weatherproofing and re-painted, but according to Ted Croke, Central Coast Campus Finance Officer, one of the team involved in the refurbishment project, the most noticeable changes are inside.

“Because the old stage is too small and unserviceable we’ve treated about two thirds of the old hardwood dance floor with a non-slip covering to create a large acting area and hung new drapes on three sides as a cyclorama rather like a television studio. The remaining floor space has been sanded and varnished and could be used to accommodate a small audience.”

Some repairs were carried out by members of a renovation course from the Central Coast Community College on the Campus, and similar groups will restore important parts of the building like the kitchen, the projection room and the little ticket box.

Drama students Daryl Joyce and Revera Roberts enjoy the theatrical exercise called “taking a finger for a walk”.

**Not just a pretty face**

German shorthaired pointers are utility gundogs, friendly working dogs bred to scent, track, point and retrieve. Former Prime Minister Paul Keating has one. Remember that handsome pooch in family shots at The Lodge? Well, its grandmother Gateway Sophistikate was bred by Lyn Hunter, secretary in the academic offices at the Central Coast Campus. Lyn has been breeding champions for 20 years. Currently her top dog is Ch Gateway De Givenchy (Sako), of impeccable pedigree, winner of major awards at the Royal Easter Show for the past four years and presently NSW German Shorthaired Pointer Show Dog of the Year.

“They’re lovely dogs,” Lyn said, “extremely good with children, not aggressive, great family dogs, not noisy. They’re low maintenance dogs although they’re energetic. We can often be seen as a family taking them for walks by the lake.”

The lake is Tuggerah Lakes and the family is Lyn, her husband Don and two daughters Brooke, 8, and Kate, 4. Theirs is a typical suburban block, Lyn says, but it’s large enough for four quiet dogs.

“As a man Don works shifts, and I thought it was a good idea to get a dog for company when he was at work. I don’t like small dogs or the very large ones and when I saw these around the district I literally went to a book and identified what they were. Once we had one, the showing and breeding followed.”

Sako, who was named Best in Show at both Newcastle Agricultural Show and Sydney Kennel Club this year, has many more awards to his credit and progeny that have been sold interstate as well as to Hawaii and New Zealand. As a show dog, he is often transported quite long distances but he does so in the comfort of his specially fitted trailer.

When you’re as distinguished as he is a dog’s life isn’t so bad after all.
Big changes in education faculty

by Allison Grahame

With a new Dean, a new internal structure, a new double degree and a new teaching format, the Faculty of Education is moving quickly into a new era of student education.

Dr Roy Killen has been appointed deputy dean, there are now eight assistant deans all of whom have defined administrative responsibilities, and for the first time, the Faculty’s general staff will be located in the one area - a move which will provide a much more efficient and smoother running of the Faculty and less duplication of resources.

"Many long hours have also gone into a complete review of the use of teaching space," new Dean Professor Terry Lovat said.

"This has meant that each room booking has been reviewed and confirmed and then put into a computer file to be held in the Faculty. A member of the Space Management section of Property Services has estimated that the space saved by this review has saved the University over $3 million in building replacement costs."

Another major aspect of the Faculty’s restructure has been the creation of computer files for staff timetables, subject staffing, and perhaps most important of all, the introduction of "notional loads."

"Notional loads is an attempt to equate the various aspects of a lecturer’s duties to hours in order to distribute the work across the Faculty," Professor Lovat explained.

"The system, which is a first for the University, is not meant to indicate the total work by a lecturer but to give at least some acknowledgment to all aspects of work. The relative weightings of the various components of the "notional loads" will be reviewed again before work loads are allocated next year," he said.

Now that the Faculty has relocated into the combined office area, all staff will have access to the room and subject information on computer. This will be available to all staff in a central location as a "read only" file for ready access.

"We have also responded to the needs of our students with the appointment not only of the assistant deans but also with program coordinators who will have responsibility for both undergraduate and postgraduate education," Professor Lovat said.

Students will also have a direct contact with staff via the new Research and Community Contact Office which will handle undergraduate and postgraduate research matters and liaison with the Scholarships and Postgraduate Students section in The Chancellor’s Office. The office will also be responsible for maintaining a data base and records associated with research of the academic staff. It will also deal with research ethics enquiries.

Following the success in other faculties where it has been used, the Faculty of Education’s new double degree program will be based on a problem-based approach but with some modifications.

"It was felt that with the large number of students some modification was necessary," Professor Lovat said. "Students will be attending "input sessions" for one hour each week, where problems and questions will be posed and possible solutions for the problem investigated discussed. They will also be used as a forum for staff to present a current view of issues related to the problems being raised."

The other two hours of contact time will be known as "facilitation sessions" where staff act as facilitators by posing questions, providing a forum in which the issues can then be discussed with other students and points of view argued.

"This new format places the lecturer in a different role to the traditional one and should prove to be more challenging," Professor Lovat said.

The Dean Team: back row Dr Roy Killen (Deputy Dean), Assoc Prof Jenny Gare (Assistant Dean), Prof Terry Lovat (Dean), Dr Neville Schofield (Acting Assistant Dean); centre Dr Jack Caldwell (Assistant Dean); front row Ms Sandra Sirasch (Assistant Dean), Assoc Prof Phil Foramen (Assistant Dean), Mr Carol Richards (Assistant Dean).

Australia needs population policy

From Page 1

have ceased to flow at one time or another during the last 100-200 years of observations. Because of the very uneven distribution of its water resources and their use, there are clear signs of water scarcity in many parts of the country.

There are also increasing signs that mismanagement of land and water resources (associated with deforestation, overgrazing, excessive water application rates in intensive irrigation schemes) has resulted in numerous instances of stressed water resources.

Professor Kalma said that in damming rivers we had changed their flow rates and this had radically impacted on aquatic flora and fauna.

"Water quality gives cause for concern," he said. "The accumulation of sediment and nutrients in dams may lead to algal blooms both in the storage itself and downstream. It was recently reported that water quality in the 30 year old Warragamba Dam is deteriorating because of an influx of about 2 million tonnes of sediment from its catchment area. It has been suggested that Lake Burrangorang is gradually sifting up and becoming potentially poisonous."

With the continued expansion of cities such as Sydney, Professor Kalma said that he agreed with the "user pays" system of pricing water and noted that since 1990 when Sydney Water had instituted such a scheme, per capita consumption had fallen about 13% below previously projected levels. There was still room, he said, for improvements.

"The residential sector accounts for 50%-60% of all metered domestic water use. Demand management programs will therefore have to target the domestic water use sector. About 30% of domestic water is used in the garden, 20% is used in the shower, 5% is bathroom sinks, 15% in the laundry and 10% in the kitchen.

Water supply authorities, he said, would also have to reduce the amount of "unaccounted-for-water."

"In Sydney one-fifth of the city’s supply is lost every year, believed to have been stolen, leaked or given away thanks to faulty meters."

In discussing the future of urbanisation and water resources, Professor Kalma noted that urbanisation is a resource-expensive process at a time when energy, materials and space were all considered to be unlimited supply. "We now know that urbanisation is a resource-expensive process at a time when energy, materials and space were all considered to be unlimited supply."

Continued - Page 5
Music Lovers Club

Music Lovers Club meets at Newcastle Conservatorium each second Wednesday of the month at 6.30pm till 9pm. Room 416 (4th floor) for music and discussion.

June 11: Louise Close - "The Testimony Legend". Some of the greatest historical performances and transcriptions, with a side glance at some of the originals.

July 23: Michael Dawson and Friends - Aboriginal Culture. An Evening of Aboriginal Music, Song, Dance and History. This is our fundraiser for our Music Scholarship. $10 includes entertainment, supper and refreshments. Bookings essential. For further information phone John Allen on 49 7421.

Music Appreciation Group

Meets the last Thursday of the month in room 416 at Newcastle Conservatorium at 10.30am. June 27: Bob Lutton - "Wagner and the New Theatre." Bob looks at Wagner's revolutionary changes to the way we watched and listened. Includes James Levine's 1990 "Ring" video on Hi-Fi.

July 25: John Allen - "Come into my parlour - an introduction to Chamber Music." Whether you love it or hate it, come and find out more about it. For further information phone John Allen on 497421.

The full program for both groups can be found on the CWES.

Australian Federation of University Women

The May dinner will be held on the 22nd at 6.30pm for 7pm in The Lambert Room of the student union. Dr Sandra Purcell will speak on publishing success stories. Please phone 661 7650 by 19 May. All welcome.

COMPETITION

When you book your next overseas trip with Jaya Travel your name will go into the draw to win a return economy class ticket from Sydney to Denpasar with Ansett Aust. plus 5 nights’ accommodation for 2 at the Nusa Dua Beach Hotel in Bali (own shore basis). All bookings must be made with Jaya Corporate Travel Department or Greg Waters Travel between 1 March and 31 October 1996. (Bookings must be deposited or have a travel order number by the expiry date). The offer is available only to University staff but the trip can be for personal or official travel. The winner will be drawn on 18 November 1996. The prize must be taken by 31 May 1997.

The Australian Representative of the International Baccalaureate, Mr Christopher Brangwin will be attending the University to make a presentation on Monday 6 May 1996 at 11.30am in the Purdon Room. Please advise if you wish to attend and so ensure there will be sufficient seating by phoning 5311 or reply email by 7pm April 1996 to pmscal@inf.nsu.edu.au.

SEMINARS

Institute of Counselling and Centacare

"Counseling and Culture: A Conference for Today's Australia" 26, 27, 28 September Macquarie University Call for papers and further information from: The Conference Secretariat 190 High Street Willoughby NSW 2068 Ph: (02) 417 8332 Fax: (02) 417 8401

National Behaviour Problems Conference

The Australian Council for Educational Research announces the 8th National Behaviour Problems Conference to be held Tuesday 6 June - Friday 9 June in Hobart, Tasmania.

The conference is designed for teachers, service providers and related professionals to share expertise in contemporary approaches to the teaching of students who have emotional or behavioural disorders, distinct from or associated with other disabilities.

Details from the International Development Division ACER

19 Prospect Hill Road Canberra ACT 2601 Fax: (03) 9277 5000 The last day for reduced rate Early Bird registrations is 1 July.

It Matters

IT Matters is not only the name of this column but also of ITD's newsletter. The first issue of the year is out now. Highlights include the latest services such as PPP (Dial-In Network Level Access) and the CD mastering facility. It is available via subscription to the newsletter mailing list, or by picking up a copy at any of the Help Desks or on the Web at: http://www.newcastle.edu.au/departments/ ccWord/html/itml.html

The front page also allows you to subscribe to the newsletter's mailing list painlessly. There is also the opportunity to conserve paper by opting into an email list, which will notify the subscribers once the next issue of IT Matters is on the Web.

Room Names

The lecture theatre formerly known as BR1 or BR2 is now called the McMullen Theatre. This title will be abbreviated to MCTH in the Class Timetable. A change was necessary to avoid confusion of having students and visitors looking for this theatre in the Biological Sciences building. The Bigdien Theatre will be known as BASSIENY in the Timetable. Somewhat more self explanatory.

Rooms in the Social Sciences (SIR) building will be prefixed by three alpha characters to indicate both building and room location eg SIR/B, SIR/5, etc.

These changes have been authorised through the Property Services section of Physical Planning and Estates. Enquiries can be directed to Sandra Jones on 6665.

At Last!

After 26 years of being tucked away in the backblocks of the University, TUNRA's corporate office is finally moving to the Industry Development Centre - the big blue and white building at the front of the Uni. The new address as of the first week in May is:

TUNRA
1st floor, IDC
University Drive
Callaghan 2308

New Phone: 8777
New Fax: 8777
PS The official opening will be 31 May and all friends of TUNRA are welcome.

Deadline

Deadline for the next issue of the Ear and the Inner Ear is Thursday 7 May at 10am.
LIBNOTES

The Library's WWW Home Page

The Library has been at the forefront in providing user requested and training in the skills required to access networked information resources. The next step in assisting staff and students has been to provide a Library Home Page on the WorldWide Web (WWW) as part of the University's Campus Wide Information System (CWIS). As the proportion of library users accessing remote networked information resources grows, it becomes important to provide a one stop shop for easy access to information about the Library and its services, the Library catalogue and databases, and networked information resources.

The Library Home Page can be accessed directly via http://www.library.newcastle.edu.au/ on the World Wide Web or by going to the University Home Page at http://www.newcastle.edu.au and selecting The University of Newcastle Local Information followed by Library Services at the next level down. A WWW browser such as Netscape or Mosaic on a networked PC is required to access the Home Page; alternatively the Lynx browser on the Mac or Alphas will allow dumb terminal access without the graphics. The Library Home Page at present has four major headings: Catalogues and Databases, Collection Services, Information Technology Division, and Virtual Reference.

Catalogues and Databases

Catalogues and Databases provides access to NEWCAT, Australian and overseas library catalogues, and databases subscribed to by the Library. Due to licensing requirements most of the databases restrict access to members of the University who can obtain passwords at the Library reference desks. It may also be necessary to install a telnet application on your PC to access some of the databases.

Information by Faculty

Information by Faculty represents a shop front for the Faculty Library Advisory Service. Each Faculty Librarian has a home page to communicate with Faculty and present a selection of the most valuable networked information resources relevant to a specific Faculty. Subject guides from other institutions are listed as well as links to individual information sources.

Collection Services

Collection Services provides information about services such as ordering books and journals and the New Titles List.

Virtual Reference

Virtual Reference encompasses Internet search tools, electronic reference works such as the Britannica Online, and electronic journals and texts. It is our intention to keep expanding our Home Page with additional information under headings such as Information About the Library, News Update, Educational and Training Programs, and Document Delivery Services. In future the Library Home Page will not only be a means of providing information about Library services and new developments, it will also be a means of initiating requests to the Library for document orders and training registration.

The Library welcomes feedback from members who have used the Library Home Page. Comment should be directed to the Library's Home Page Coordinator, Helen Lloyd (phone 6455; email uhlt@dewey) or to the Faculty Librarians.

Manage your footnotes & bibliographies with EndNote

Footnoting essays, research papers and theses has always been a time consuming, repetitive task for the researcher. The Library is now offering faculty postgraduates and later year undergraduates an opportunity to streamline this process by receiving training in EndNote Plus 2.

Whether you have a PC or Mac, EndNote will assist you to maintain files of bibliographic references which can be output as footnotes or bibliographies in the style of your choice. EndNote Plus 2 has been chosen as the University standard for our annual return to DEET on research publication output and each department has at least one copy with the departmental secretary. It is simple to install, user friendly and accepts bibliographic references from other personal bibliographic software such as ProCite and Reference Manager.

The transfer of bibliographic references from NEWCAT, online or CDROM databases to footnotes and bibliographies has always been a laborious task. This can be eliminated by using EndLink, associated software that facilitates downloading from catalogues and databases to an EndNote file.

EndNote Plus 2 and EndLink can be purchased at a very attractive price from the Information Technology Division Software Sales office in the Hunter Building. The contact person is Lyn Sinclair on 4419. Registration forms for EndNote Plus 2 training sessions in the University Library computer laboratories are available on the reference desks in the Auchmuty, the Conservatorium and Huxley Libraries.

Further information about EndNote Plus 2 and the training sessions can be obtained from Charmaine Mitchell (SS58 or email ulcenv@dewey) or Debbie Booth (8827 or email ullib@dewey). If you would prefer group instruction for your Faculty contact the relevant Faculty Librarian (listed on p.10 of the 1995 Internal Telephone Directory).

NEW UNI STATIONARY

The response to the new letterhead has been very positive with some staff disappointed that they were not offered the old style fancy letterhead because stocks had not yet run down. Good news! All the old letterhead has now been used so the next order will get you the new paper.

There were a few queries from staff about links in the library form and the World Wide Web. Whether you have a PC or Mac, students must begin their search in the library form and then proceed to the World Wide Web. It is not possible to search simultaneously in both environments.

Librarians

If you aren't familiar with the procedure this is what you do. Open the computer program Netscape and you should automatically find yourself on the University's home page (URL http://www.newcastle.edu.au/cwis/pier). You then click on University of Newcastle local information then click again on campus news and services. Now you're on your way.

For Rent

• Large fully furnished house is available for $280/week between 10 July and 10 Feb at Dudley Bluff. Four bedrooms, three bathrooms, rumpus, family, living, dining, family and sunroom situated in a leafy quiet street with a 10 min bushwalk to Dudley Beach, it has a pool and a double garage. For more information please contact Dr Mary-Anne Williams on 5009.

• Room in large terrace house Newcastle East. Views of beach and bay, close to CRO and transport. rent $85 per week plus $40 for electricity. Available 13 May, please phone 7034 or ask 2357 for more details

Home For Sale

• Within walking distance of University, spacious, 3 beds/baths, ensuite in main, study/lun, dble garage, d/c/reverses air con. $17,0000, phone 5588.

Wanted to Buy

• Royal Darwin figure "Michelle". Please phone 6540 Monday - Wednesday or 51 2618 after hours.

For Sale

• Endnote Plus Version 1.3 reference database and bibliography maker for IBM computer, comes with manual and box. $200 one Please phone 69 4437 43.

• Ladies navy slacks size 12, worn once, only $30. Please phone Anne Burtoll extension 6444.

Do You Need Publicity?

Do you have an event or function you would like publicised to the media? If so contact Carolyn Warner by fax, email cwanner@mail or phone her on 6856 by the Friday before the event. Carolyn will then be happy to include it in the media diary which is sent out each Monday to local media.

INTER-CULTURAL STUDIES '96

A Forum on Social Change & Cultural Diversity

The University of Newcastle May 23 & 24, 1996

Australasia is a part of a rapidly changing world. Intercultural relations are an important aspect of that change. Inter-Cultural Studies '96. A Forum on Social Change and Cultural Diversity aims to address important issues, both topical and scholarly, in the field of inter-cultural studies.

Keynote session: "Australian National Identity and the Idea of a Republic" For Details Contact:

The Convenor

Inter-Cultural Studies '96

The Department of Human Letters

The University of Newcastle

Phone (049) 21 360

Deadline

Deadline for the next issue of the Inner Ear is Monday 5 July at 5pm.

PAGE 2

the Inner Ear

30 April, 1996

The University of Newcastle
Reconciliation brings hope to South Africa

There were many times during the first week when she felt low. The second week she had stopped crying but was feeling overwhelmed by what she had seen and heard; by the time she left she was still overwhelmed but not without hope.

T
rish Jacobs from the Discipline of Occupational Therapy, had been one of 72 delegates from 11 countries who had visited South Africa last month under the auspices of the Citizen Ambassador Program. The delegates were all experts in post traumatic stress disorder, trauma counselling, de briefing and they were in South Africa to offer help and information and to set up professional contacts with the people whose job it is to help the country’s victims of trauma and stress.

"As hard as it is to com prehend, the professionals we spoke to said that in one way or another the entire South African population of 45 million, is suffering from the effects of trauma and stress," Ms Jacobs said.

"There is the stress caused by economic hardship, by poor housing, health and education. There is all the unresolved trauma caused by appalling crimes committed against the black population during the apartheid era. There is the trauma and guilt now felt by huge numbers of whites who benefited from that regime, and there is enormous stress amongst white professionals who battled for years against the regime. There is also the constant stress of living in a country where murder is so common that most are no longer reported by the media and where robbery is endemic."

During her two week visit, which enabled the delegates to look at the interventions being undertaken by the country’s non government agencies, Ms Jacobs heard many terrible stories told by people who were still trying to deal with what had happened to them.

"I listened while a black woman told us that her young son had gone off to primary school one day and had never returned home. That was 30 years ago and she is still expect ing him to appear. She knows in her heart that he was murdered but cannot deal with it. Another black woman told us of how years earlier she had shared a taxi into town with the young son of a friend. The taxi driver turned off onto a back road and into a deserted area where she and the young man joined a dozen or more others who were then rounded up and shot. She was the only survivor and sur vived only because she was covered in the blood of others who fell on top of her.

"There is hardly a black family who hasn’t had to deal with horrors such as these and many of them have not been able to talk about them. The fact that the black population experienced institutional racism and found it difficult to move forward may lead us to believe that they somehow became desensitised."

"The taxi driver turned off onto a back road and into a deserted area where she and the young man joined a dozen or more others who were then rounded up and shot."

"But that isn’t the case," Ms Jacobs said.

"That is why President Mandela has set up the country’s Truth and Reconciliation Com mission. The aim is to look at what happened over the past 30 years, to find out the truth and then to forgive those who are found to be responsible. But there are difficulties. Amnesties are being suggested but they are not what the people want or what they need. They don’t want revenge but they do want the perpetrators of crimes to confess their sins and to apologise for what they have done..."

...women in Capetown have helped themselves deal with the past, is through the sewing of a trauma quilt. Like the AIDS quilts which began as a way of remembering those who have died, the trauma quilt recalls the stories of individual women who have experienced the violence of the apartheid era. Women like

Eunice Kalipa whose quilt patch reads in part: "In 1960 when I was pregnant the boere came in the night and took me to Worcester jail for three months. That was a hard time for me. I left my five children at home alone. I don’t want to see that time again."

Although Ms Jacobs described her visit as "an overwhelming and sad experience", she felt that benefits would flow from the visit.

"We and other delegates made links with many of the field workers and we passed on some of our experience and suggestions about the way groups can be set up. We will continue to keep in contact. Many are learning on the job having been thrown in at the deep end but despite all the problems they are making progress. There is hope."

*The Citizen Ambassador Program was set up over 30 years ago by USA President Dwight Eisenhower to encourage experts to meet together in other countries to address issues that couldn’t be tackled through normal diplomatic channels.

From Page 4

An offer too good to refuse

P
hD student, Robert Lang, so many other recent graduates, has been offered a position in Silicon Valley with Schlumberger ATE, the leading manufacturer of microprocessor test systems in the world. "I’m absolutely delighted. The choice to remain at uni and do a PhD then a postgraduate study has really paid off."

"Unfortunately positions in Australia can’t compete with the facilities, challenges, and experience offered over there, so not mention the salary and benefit packages," he said.

"Ultimately, I hope to bring back some important experience to Australia to try to improve the local situation!"

Robert Lang gained his bachelor’s degree here in computer engineering and then began his PhD under Professor Heiko Schmeisser and Dr Andrew Spray, designing parallel signal processing systems. He has many offers, since his PhD has centred on special purpose computer designs for a signal processing technique called the Wavelet Transform. The design uses parallel processing to increase the speed with which computers can manipulate digital images and multi-media, so we don’t have to wait so long for better quality pictures on our computer screens.

As part of his studies Robert met Dr Todd Rockoff from the United States. Dr Rockoff recommended Robert apply for one of a few available positions at the US company Schlumberger Automatic Test Equipment (ATE). Schlumberger ATE is now the leading manufacturer of microprocessor test systems in the world, supplying testing platforms to the world’s most prominent microprocessor vendors who are responsible for supplying the chips found in computers everywhere.

"The rest, as they say, is history."

Robert and his wife Suzanne will be flying off to California in the next few weeks where he will take up his new position (at what is rumoured to be a very lucrative salary) as a Senior Design Engineer within the company’s ‘High speed engineering’ group. He will be working with the team designing the next generation of ATE’s microprocessor testing system.

Although he’ll be a long way from the rest of his family, Robert won’t be totally cut off - he’s set up facilities for his family to keep in contact over the Internet!
New harp, new teacher for Con

by Tim Iles

Hearing is believing the new $74,000 Concert Harp at the Newcastle Conservatorium of Music.

The resounding power of the instrument in the hands of an expert harpist like the Conservatorium’s Miriam Lawson belies the lifting, ethereal notes popularly associated with the harp.

The first student of the Concert Harp at the Conservatorium, Ms Renee Tattersall, represents a reversal of a traditional trend which has seen many students leaving the Hunter to study in Sydney.

Ms Lawson, who is a freelance musician with the Sydney Symphony Orchestra, the Hunter Symphony Orchestra and the Tasmanian Symphony Orchestra, said the addition of a Concert Harp to the Conservatorium’s orchestra represents a great new learning opportunity for music students.

Until last year, when a small harp had been bought by the Conservatorium, Hunter students wishing to learn the instrument had to travel to Sydney. “Now the Conservatorium has a student playing the Concert Harp in its orchestra, and recently I joined the staff of the Conservatorium as its first harp teacher, so it certainly extends the learning opportunities for music students in the region.”

It’s also a sign of the continued expansion of the Conservatorium which is now able to attract students from the Newcastle region.

Ms Lawson introduced the harp by her music teacher at a Sydney high school has introduced the harp to Con students. She said the wonderful sound and beautiful shape of the large instrument appealed enormously to her. In her first year of the Diploma course, Ms Tattersall said her harp study meant she was now playing what she loved most and was giving it her best. Ms Lawson said that the beautiful timbre of the harp produced a very special effect in an orchestra.

Ms Lawson graduated from the Elder Conservatorium in Adelaide and continued her harp studies in Holland and Wittenburg. For five years, Miriam was harpist with the Tzadik Ensemble nylon orchestra and has performed with numerous orchestras in Holland and Australia. She has performed concertos, as a recitalist, and as a member of numerous chamber ensembles on tour. She also teaches piano, flute and music theory.

The student Renee Tattersall plays the new harp watched by teacher Miriam Lawson.
The University of Newcastle

the Ear

30 April  PAGE 7

The Japanese Section in the Department of Modern Languages celebrated the beginning of the academic year with a tea ceremony. Julian McVitie played the role of host and Shizue Watkins and two visiting Japanese students from Nagasaki played the role of guest. Rosaleen McVitie explained the history and significance of the ceremony. (If you would like to learn the art of the Japanese tea ceremony, lessons are being held on 9 and 33 May. The cost is $1. To book phone 3374.)

PROFILE

exploring new possibilities

by Frances Wilden

While riding the roller coaster of developments in information technology, Linda O’Brien has produced four children, including triplets, has moved from northern to southern Australia without regard to seasons, and has continued to add to her academic achievements.

Linda is now the University’s Director of Information Technology and looking forward to capitalising on the opportunities she believes exist here for advances in the application of information technology. "Until now there has been no overall view of what might be possible. There have been pockets of activity but I think by developing a more planned approach, we can get better mileage out of our human, and other, resources," she said during a recent chat with the Ear.

Linda began her working life as a primary school teacher and then, because job opportunities were limited, she completed a Graduate Diploma in Library and Information Science. She accepted a position at James Cook University in Townsville as the Systems Librarian and began a Bachelor of Science in Computing Studies. During this period when her first daughter, Kate, was born, her husband Peter decided to become Kate’s primary care giver so Linda could continue with her career and studies. But within three years of Kate’s birth he had triplet daughters to contend with. They were two when the family moved to Canberra (in the dead of winter) for Linda to take up a position at what was then the Canberra College of Advanced Education.

There her job was more managerial so Linda began a Masters in Public Administration, using the development of the Australian Academic and Research Network (AARNet) as the subject for her minor thesis. Her deliberations on the subject are interesting and she feels that the perhaps ill-advised sale of AARNet to Telstra could threaten collaboration amongst universities.

"AARNet was based on collaboration but, increasingly, universities are seeing themselves as being in competition with each other," she explained. "The real risk is to regional universities because opportunities for cross-subsidisation have been lost.”

Within the field of information technology, the Internet and Email have an enormous potential, according to Linda. "Australia is one of the highest per capita users of the Internet in the world. Because we are spread across a huge geographical area, we embrace with enthusiasm anything that shrinks distances, and we are committed to equal access to those services. People will have access to the Internet through local libraries by the end of this year and, in the not too distant future, it is intended that every student will have access to the Internet for the cost of a local call.

"Increasingly, the sort of information people will need to function effectively in their jobs will require skills in using this technology. They will need to know how to find information and interact with it. A recent study indicated that most students now in Year Five will probably go through at least three career changes in their lifetime and they will be using information technology to do that."

"It’s very interesting and really exciting to see the sorts of benefits that can come from using something that technically is quite simple."

"So why choose Newcastle as a base for pursuing these lofty ideals?"

"When I applied for the job I didn’t know where it was, the ad just said, ‘leading NSW University’ so I thought I’d give it a go. As it turns out, I think Newcastle is indeed a well kept secret, in terms of the hinterland, the beaches, the lake and the proximity to Sydney. It has a lot to offer."

"And I think there are real opportunities for technology here to support teaching and learning, and organisational innovation in more effective ways," she said. "Without in any way designating what has gone before, I think people can see that there are new opportunities, new areas for investigation and improvement."

And while she’s here, Linda will be keeping in touch with old friends and colleagues - via Email, of course.

"It really is the old academic invisible college. You can tap into people wherever they are and build up contacts with those who have particular skills and knowledge or strengths in certain areas. It’s easy to email them and say ‘how’s this going and where are you up to?’"

"It’s hard to imagine, however, that Linda will be using her expertise just to catch up. It’s more likely she’ll be exploring new possibilities and leading the field in the process."

Chief Justice officially opens law premises

The new Law Faculty premises in University House (formerly NESCA House) have been officially opened by the Chief Justice of NSW, the Hon AM Gleeson AC.

Dean of the Faculty, Professor Neil Rees said that the siting of the premises in the centre of the CBD indicated the significance of the professional component of the University’s law degree.

"This University has the only law school in the country which offers a course which integrates traditional law study with skills training and experiential learning. Students literally move from classroom to simulated exercises to a real legal practice on a daily basis," he said.

Refurbished with the assistance of a substantial grant from the Solicitors Trust Account Fund, the premises are to be used by students during the final two years of their law studies. The floor contains the offices of the Newcastle Legal Centre (operated by the University), a small library, a computer laboratory, a tiered lecture theatre, a court room, three seminar rooms and offices for faculty staff.
Adrenalin

SPORTSNEWS

Get a staff discount at the sports store in the Squash Pavilion (and the most creative explanation for the disembodied foot will win a mystery prize).

But wait...there's more!

One of the best kept secrets at the University is the Squash Pavilion located adjacent to No 1 Oval on the eastern side of the campus. When it opened in 1969 it consisted of the Pavilion and one squash court. Increased demand for more courts resulted in the construction of courts 2, 3 and 4 in 1971. Today the Pavilion houses seven courts. The front walls have recently been resurfaced making the centrepiece one of the best maintained complexes in the Hunter.

To complement the first class playing facilities, the Bradford Lounge and Sportsman Bar provide an area conducive to post match drinks. The Bradford Lounge is available for hire for any social occasion and the viewing platform creates the right atmosphere when watching sport taking place on No 1 Oval.

Doubling as a booking centre, the Squash Pavilion is where you go to hire any of the eight tennis courts (four plexipave and four synthetic grass courts) it also provides a racquet resting service. And if you leave your shoes, shirt, socks, towel or even your racquet at home, the Squash Pavilion houses a sports store on the ground floor which gives students and staff a 10% discount on their already low prices.

The friendly knowledgeable staff is one of the real strengths of the Squash Pavilion. Supervisor David Pembroke has been a member of the University staff for 15 years and takes great pride in his centre. David's always keen to share a laugh with clients and if you require the services of a top calligrapher or raconteur David's the man to see. His support staff will be happy to help you and know everything there is to know about the Squash Pavilion's operations.

Call 68 1199 and book your lunch time game or after hours function.

Super League may have to wait till 1997 for a game but the University of Newcastle Rugby League Club is certainly taking the field in '96. The open's squad - numero uno in last years tertiary competition - have strengthened their ranks in the off season and look to solid performances from hard head prop Alf Freestone and former South Newcastle Carathanassis, should leave their club welcomes new signings.

Today the Pavilion houses seven courts. Training takes place on No 2 oval for the first time coach, Lucky Dunt. Doubting as a booking centre, the Squash Pavilion is where you go to hire of any of the eight tennis courts (four plexipave and four synthetic grass courts) it also provides a racquet resting service. And if you leave your shoes, shirt, socks, towel or even your racquet at home, the Squash Pavilion houses a sports store on the ground floor which gives students and staff a 10% discount on their already low prices.

The friendly knowledgeable staff is one of the real strengths of the Squash Pavilion. Supervisor David Pembroke has been a member of the University staff for 15 years and takes great pride in his centre. David's always keen to share a laugh with clients and if you require the services of a top calligrapher or raconteur David's the man to see. His support staff will be happy to help you and know everything there is to know about the Squash Pavilion’s operations.

Call 68 1199 and book your lunch time game or after hours function.

O ne of the most popular non-competitive clubs is the recently formed Badminton Club. Two months ago a group of enthusiasts approached the Sports Union about forming a club. Before the Sports Union Executive could say 'game, set and match' the club had appointed an Executive Committee including a zealous PR Officer who has organised numerous social occasions, not to mention the official newsletter which lists my desk on a monthly basis. Club sessions are held in the Auchmuty Sports Centre on Mondays 7.10pm and Saturday afternoons 12-3pm. Racquets can be hired from the club.

M any of our clubs compete in local competitions. The Men's Basketball, Men's Hockey, and Women's Tennis are currently reigning district premiers, and our Rugby Club which has also enjoyed past success, has started the season in winning fashion defeating Hamilton 21-19 in the opening round. The Club's Tuesday and Thursday afternoon training sessions have been infiltrated by a group of women rugby players who are keen to represent Newcastle University at ECG Armidale. Numbers are slowly building up but if you're looking to try a new sport, rugby may just provide the kicks you are looking for Contact Fiona McWhinnie on 66 4491.

Be a couch potato no more! You too could join this happy and newly athletic group of staff for a 35 minute walking/exercise session held every Tuesday and Thursday at lunchtime. Be at No 4 Oval at 12.10pm. What have you got to lose?

Physical therapy

Club members or staff members who are involved in weekend sport (social or competitive) or who undertake strenuous exercise including bush walking, rock climbing or even line dancing are advised of a FREE clinic for diagnosis of injuries sustained over the weekend. The clinic start at 12 at Meyfield (6.27.26) and the physiotherapy (62 1077) which is staffed by former rugby international Mary Roebuck.

CIRCUIT CLASSES

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon</td>
<td>5.15pm</td>
</tr>
<tr>
<td>Tues</td>
<td>6.10pm</td>
</tr>
<tr>
<td>Wed</td>
<td>6.10pm</td>
</tr>
<tr>
<td>Thurs</td>
<td>5.15pm</td>
</tr>
</tbody>
</table>

LUNCHTIME SPORT

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Netball</td>
<td>1pm</td>
</tr>
<tr>
<td>Touch</td>
<td>12.10pm</td>
</tr>
</tbody>
</table>

ECG FENCING

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sat</td>
<td>4 May</td>
</tr>
<tr>
<td>Sun</td>
<td>5 May</td>
</tr>
</tbody>
</table>

Auchmuty Sports Centre

See the best fencers in the state. Tip off - 10am

BADMINTON-O-FUN

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sat</td>
<td>11 May</td>
</tr>
</tbody>
</table>

Doubles 'Knock-out' competition - $4 per person

Contact: Teddy Lim 24 1303

by Melanie O'Neill

Y ou may have noticed the brightly coloured posters around the campus promoting Eastern Conference Games or Australian Universities Games sports. Perhaps the signs preach to the converted. On the other hand, there may be some who would like to know how the University of Newcastle is represented in university sporting competitions.

Universities are divided into five conference areas around Australia. The University of Newcastle is located in the Eastern Conference (hence ECG) and competes against other universities in NSW and the ACT in order to qualify for entry into the Australian Universities Games (AUG). The Games are hosted by a university from a different state each year and after the 1995 AUG held in Darwin the precedent has been set for other universities to stage a sporting spectacular second only to the Olympic Games.

Staff members studying at the University of Newcastle are eligible to compete across any of the 22 sports on offer. As all teams require coaches and managers this may provide an avenue for interested staff to become involved. Please contact the Sport and Recreation Department on 5584 if you would like a piece of the action at ECG (Armidale 8-12 July) or AUG (Canberra 29 Sept – 4 Oct).

While on the subject of ECG, Newcastle University will host the ECG Fencing on 4-5 May at the Auchmuty Sports Centre. Fencers from universities across the state will try to foil each other for the State Title. The University of Newcastle Club has attracted unusual sponsorship for the event. After the club’s weekly Wednesday night training session, members gather at the Gelato Dolomiti in Hamilton to talk about their vic­tims or wounds. The order? Fifty three gelatos with the most popular flavour being hazelnut. Consequently the gelato shop owners have backed the championships. Speculators, especially those cheering for Newcastle fencers, are invited to watch the first joust topping off at 10am Saturday 4 May.