

Adelaidian

Vol 6 No 3

NEWS FROM THE UNIVERSITY OF ADELAIDE

MARCH 10, 1997

GIS model an industry tool

A major research project is underway at the University of Adelaide aimed at strengthening the industry and employment base in a southern Adelaide suburb.

The project, funded by a \$200,000 collaborative grant from the Australian Research Council, will use Geographical Information Systems (GIS) technology to produce a computer model of the strengths and weaknesses of industry in the suburb of Lonsdale.

Information about the kind of industries based at Lonsdale, their exact location, land usage in the suburb and employment data will be fed into the computer model.

The research team, headed by the University's Centre for Labour Studies and the Key Centre for GIS, hopes to use the model to develop a strategic development plan for the area and provide advice to local development authorities.

"This is the first time in South Australia that there's been an attempt to integrate data which is used to determine industry strengths and weaknesses with the GIS technology," said Mr John Spoehr, project coordinator with the Centre for Labour Studies.

"We've called it a 'strategic spatial model for industry development and planning', and essentially what we're looking at is how you can more effectively make decisions about the location of industry, identifying strengths in particular regions and working out how you can improve on those strengths.

"Issues include the location of industries in relation to each other, the location of industries in relation to housing, and creating a network of industries in the area," he said.

The two-year project, which represents a continued alliance between the Centre for Labour Studies and the Key Centre for GIS, also involves the Economics Department of the University of South Australia.

Key industry partners include the Southern Development Board Adelaide and the City of Noarlunga, which have both provided financial support to the study and will reap direct benefits from the results, including planning advice for the next 10 years for the region.

"We also hope the spatial model will become a tool that can be used for industry planning and development in any part of South Australia, or the rest of the nation," Mr Spoehr said.

"There's no doubt the combined expertise of the Centre for Labour Studies and the Key Centre for GIS is proving to be a valuable alliance, and there's a lot of important work that can be done by our two organisations," he said.

—David Ellis

The Vice-Chancellor, Professor Mary O'Kane, has received Professor David Penington's final report into the University of Adelaide's senior management and administrative processes.

The Vice-Chancellor said the Report provided a useful basis for discussion of change within the University. It will be available to University of Adelaide staff on the World Wide Web (under *Vice-Chancellor's Office, off Academic Divisions and Administration* on the Home Page: http://www.adelaide.edu.au/VC_office/).

Page 6: David Washington interviews Professor David Penington.

Creative Writing Chair 'coup'

The University of Adelaide has appointed Australia's first Professor of Creative Writing.

The postgraduate Chair in Creative Writing, co-funded by the University and the South Australian Government, is a new position aimed at fostering excellence in South Australian literature and encouraging new writers.

Melbourne writer Dr Tom Shapcott, who has published eight novels and 13 books of poetry, has been appointed to the position.

Dr Shapcott was director of the Australia Council's Literature Board for eight years, has served on the executive committee of the Australian Society of Authors, and for the last four years has been director of the National Book Council of Australia. In 1989 he was awarded the Struga Golden Wreath Award, an international poetry prize given to only two English-language poets.

Announcing his appointment,

the Minister for the Arts, Ms Diana Laidlaw, said, "This is an exciting initiative for the Government and the University of Adelaide, and Dr Shapcott's acceptance of the position is certainly a coup for South Australia."

There has been strong demand for the Department of English's postgraduate courses in Creative Writing — including a Master of Arts degree, Graduate Certificate and Graduate Diploma — since they were announced last year.

As well as coordinating postgraduate students in creative writing, Dr Shapcott will be building strong links between the University and various literary elements within South Australia, including Wakefield Press and the SA Writers' Centre, and with film and theatre.

The head of the University's English Department, Dr Susan Hosking, said the Chair in Creative Writing was important for both the University of Adelaide

and the South Australian arts industry.

"Unfortunately, many South Australian writers who become successful tend to move interstate or overseas," Dr Hosking said.

"But the new Chair in Creative Writing hopes to change that, by creating a training and research structure for writers in South Australia and encouraging them to remain in this State."

The Vice-Chancellor, Professor Mary O'Kane, welcomed Dr Shapcott to the University of Adelaide.

"I'm thrilled about his appointment, which means this University can help build on South Australia's outstanding history of fine writers and literature," she said.

Dr Shapcott takes up his position as Professor of Creative Writing on Monday, 31 March.

—David Ellis



The people of ancient Scotland may have been more interested in aligning their Stonehenge-type structures with the sun or moon than many scientists have previously believed. That's according to new research by University of Adelaide Masters student Ms Gail Higginbottom, which brings Classics and Physics together in a unique fusion of disciplines. Story on page 4. Photo courtesy of Dr Clive Ruggles, University of Leicester.

Nursing home experiences studied

A study headed by the University of Adelaide has revealed startling concerns by family members about the admission of their loved ones to nursing homes.

A report released at the end of the three-year study's first phase details the experiences of people who have placed their relatives into Australian nursing home care in the last few years.

In all, 58 family members were interviewed by researchers in Adelaide and Lismore, giving

them the chance to speak freely about their experiences.

They revealed a range of concerns about nursing home care — including treatment of their loved ones, attitudes of nursing home staff, and lack of placement availability — as well as praise for the system.

"Australia's population is rapidly ageing, and therefore Nursing Home entry is being experienced by an increasing number of Australians," said Professor Alan

Pearson, the head of the University of Adelaide's Department of Clinical Nursing and head of the study.

"What we're seeing from this study is that many family members who place loved ones in a nursing home experience a wide range of conflicting emotions, such as guilt, powerlessness, a feeling that they're not being listened to by staff, and also a sense of bewilderment about the whole system.

Continued on Page 5

INSIDE

Commentary: Judith Brine on PALACE, p.2

Megaliths inspire fusion of disciplines, p.4

Adelaidian Interview: David Penington, p.6



A (female) Vice-Chancellor changes her mind — again!

One of the most productive meetings of my week is on Wednesday mornings when the Heads of Division, Deputy Vice-Chancellors, Registrar, Acting Manager, Finance and Systems, and the Convener of the Academic Board meet with me to discuss the major issues that we are all facing. It is the time when we might discuss a first draft of the University's response to some major outside issue; or it may be an issue such as the management of waste in the University at a time of severe financial constraint (the great bins-in-corridors issue); or it might be the grand issue of the University's budget for the next three years. It is a meeting at which vigorous debate takes place and I find that it is a forum in which I receive early warning of emerging issues. In summary it is a good source of management advice and an excellent communication mechanism for those involved.

For a long time this group has been known as the Senior Management Group, a title bestowed by the 1990 Karmel Report; but Peter Karmel tells me the name was simply meant to describe the collection of senior managers, as in a gaggle of geese. As staff in the University know, I recently announced that the name of this group would change to the Vice-Chancellor's Management Committee. I am now changing that name again, this time to the Vice-Chancellor's Committee.

I was dismayed on reading the results of our first Climate Survey to discover that the SMG did not rate well. The results of the second Climate Survey revealed that the new, enlarged and better-functioning SMG still lacked the confidence of a section of the University community. Something was wrong and something was very puzzling. Why did a meeting that worked so well for those involved attract so much criticism from the institution at large? Part of the answer to this is teased out in David Penington's Report to me in which he points out that the SMG has been seen as the ultimate decision-making group in the University, taking decisions that should perhaps more properly have been made by the Academic Board.

I believe therefore that the word "Management" must go and our Wednesday morning gatherings are to be called meetings of the Vice-Chancellor's Committee. It is a minimalist title that could be seen to be so lacking in description that it is dangerous. Well if that turns out to be the case I will just change my mind again!

MARY O'KANE

GUEST COMMENTARY

PALACE: active in education, broad in research, visible to the community

I have just returned to the University of Adelaide after eight years at the University of Canberra. One of the things I enjoyed in what now seems my 'time out' was moving away from working in my own discipline of Architecture to being in charge of a Faculty with a wider set of interests in the areas of design and construction.

I particularly enjoyed interacting with the different cultures associated with each professional area. In part this was a social enjoyment but it also had an academic dimension to it. Both qualities were particularly apparent in the Honours program of the Faculty which I ran over a number of years.

It was set up in an unusual way because it catered for students from all the courses in the Faculty. Choosing a common topic for study which would be applicable to all required ingenuity. We read in successive years papers on professionalism (largely derived from sociology), multiculturalism (with papers from cultural studies and Australian literature) and experimental investigation into social sciences.

I suspect that academics from these areas might have doubts about a process which so cursorily investigated them; one which could only dip into their discipline. That aside, what I found of unfailing interest was how students, from what were in many ways quite different educational backgrounds and with experience of different academic cultures, could productively address a common topic. They were able to discuss it rationally and cooperatively. Later, when they came to write their essays, they could transfer this experience back into their own discipline and apply it to their own particular areas of expertise — often impressively.

Each year the Honours class demonstrated this possibility of cross-disciplinary interaction and the added richness which resulted from it.

The other set of experiences which I enjoyed at the University of Canberra were those associated with the governance of a small University. Many activities, for example, the administration of promotions and research, were centralised.

Apart from one horrific occasion when I lamentably failed to understand an application for a University research grant in the area of Plasma Physics because I was fixated on the idea 'Plasma' had to do with blood, the impression was again one of the feasibility of effective academic decision-making across academic disciplines. It was also an experience which emphasised the pleasures of cooperation, this time at staff rather than at student level.

It is this feeling of optimism about the possibility of cooperation across disciplines and academic different groups which I bring to the Division of PALACE. But in any case, the schools and faculties in the Division have much in common. They also have important qualities which differ from other University groups; differences which enable them to make a special contribution to the University.

by
Professor Judith Brine
Head, Division of PALACE

First, we offer courses which are high in the list of students' preferences. In a time of increasing competition for good students this is in itself a valuable contribution to the

University and the community.

Secondly, we offer those students a particular kind of education. Like other professional disciplines, we educate for, and through action. To a degree unusual in many disciplines students learn through the implementation of knowledge and technique. Sometimes in creative performance, as in Music and Architecture, sometimes in a professional setting as in Law but in all cases acting and learning occur together.

Action-learning is being increasingly recognised as effective learning. Here again we have much in common and much to offer others.

Within the Division there is already much interchange between schools at the undergraduate level. Law, Commerce and Economics are closely linked in this way. There is also considerable potential for links in other courses at the undergraduate level and also in postgraduate courses, for example, in the MBA and in cross-disciplinary research. This linking will be a primary mechanism for melding the disciplines in the Division.

Next, on research: within the Division some have been able to participate effectively in research of the standard academic kind. This University prides itself on its research reputation, and rightly so. Nevertheless, the Division as a whole still has a particular contribution to make in this area. It can broaden the spectrum of research performance into professionally oriented research and can also contribute in that vexed area of production — the creative contribution. Both the latter are less prized by academia but are better appreciated by the community at large.

This brings me to the final way in which I want to emphasise the Division's common denominator and its potential contribution to the University of Adelaide.

All parts of the Division are closely linked to professional communities at many levels. These links strengthen the University's ties with this sector of the community. Parts of the Division are also closely linked with the business community, these links too are of value to the University. Finally the other parts of the Division offer a cultural input to the community which reinforces the quality of the University.

It is my view that the Division has the potential to be a particularly effective part of developing the public image of the University.

In teaching, research and the development of community links and services I see the Division making a contribution of a particular character. These are some of the attributes we have in common and I hope we will enjoy utilising them and hence build a concerted character of the Division as active in education, broad in research and visible and valued by the community.



Adelaidean

John Edge
Editor

Julie Ryke
Layout

Printed by
Cadillac Color

The newspaper of The University of Adelaide

Writers

Patricia Cree
David Ellis
Pamela Lyon
David Washington

Contributors

Adrienne Eccles
Geoff Sauer

Deadline for next issue is 13 March

Room G07 Mitchell Building, South Australia, 5005. Tel (08) 8303 5174; Fax (08) 8223 6437; Email: jryke@registry.adelaide.edu.au

WWW: <http://www.adelaide.edu.au/Adelaidean/home.html>

Material may be reproduced without permission but full acknowledgement must be given to the *Adelaidean*.

Extra childcare facility opened

Childcare facilities at the University's North Terrace campus have grown by 23 places following the official opening of refurbished space in the Johnson Building by the Vice-Chancellor, Professor Mary O'Kane, on 25 February.

The Johnson Building facilities are part of the Observatory Child Care Centre, one of three centres operated by the University. A separately incorporated association, University of Adelaide Child Care Services Inc, currently manages the North Terrace and Waite centres, with Roseworthy soon to join them.

The Vice-Chancellor paid tribute to the Director of the Observatory Childcare Centre, Ms Robyn Moore and her staff — particularly for their success in achieving accreditation for the Johnson facilities at the highest possible standard of care provision.

Professor O'Kane said that with recent changes to HECS bringing additional disincentives for women to undertake tertiary study, the provision of adequate workplace childcare for students and staff was of the "utmost importance". The new facilities emphasised the University's firm policy commitment in this area, she said.

Among the guests at the launch of



L to R: Ms Fij Miller, Chairperson of University of Adelaide Child Care Services Inc, and Ms Robyn Moore at the opening of the Johnson Building centre. Photo: David Ellis.

the Johnson Building facility were representatives of the Commonwealth Department of Health and Family Services, which provided financial support valued at \$126,000 for the project.

For further information on childcare services at the University of Adelaide, contact the Child Care Coordinator, Ms Gina Sherry, on 8303 5183.

—John Edge

Wind Ensemble CD a 'little ripper'

Eminent composer and conductor David Stanhope will visit Adelaide on 20 March to launch *Little Ripper*, a recording of his music by the award-winning Elder Conservatorium Wind Ensemble.

David Stanhope is known particularly for his compositions for wind band and brass ensembles. The CD's opening track and title work "The Little Ripper" was written after he had been approached to compose a march for the Australian Bicentenary in 1988.

"Although the commission failed to come through, I wrote the march anyway a year or so later. The title

is quintessentially Australian, being a recognition of achievement — good is 'You Beaut', better is 'You Beautyyy!', but best of all is 'You Little Ripper!'.

The recording, funded by a Quality Audit grant, focused on involving as many students as possible in both the recording process and David Stanhope's music. Over 90 young musicians are featured on *Little Ripper*, reproducing the true big sound of the Ensemble, which has won the Open A Grade Concert band division of the National Band Championships 13 times since 1981.

The recording of *Little Ripper* was

spread over two years and the composer attended all recording sessions.

"David's presence at recording sessions was a vital element in the production of this music," said the Wind Ensemble's leader and conductor, Robert Hower. "His level of commitment, knowledge and enthusiasm was an inspiration to us all."

Little Ripper was recorded by Tall Poppies Records and is distributed nationally through Sonart of Sydney. It is available from the Elder Conservatorium (tel 8303 5995) or through record shops.

Suicide Prevention Congress for Adelaide

Suicide prevention experts from around Australia and overseas gather in Adelaide this month for a major conference on suicide prevention.

The 19th Congress of the International Association for Suicide Prevention (IASP) will be held at the Adelaide Convention Centre from 23-27 March, with about 500 delegates attending. The theme of the Congress is "Suicide Prevention: The Global Context".

"The World Health Organisation estimates that almost one million people worldwide commit suicide each year, and a further 10 million attempt suicide," said the conference convener, University of Adelaide Professor of Psychiatry Bob Goldney. "In Australia, about 2000 people commit suicide each year."

He said the Congress would provide professionals and volunteers in the area of suicide prevention with "a stimulating environment in which to exchange knowledge and experience, to plan future research, and to

gain friendships both locally and internationally in pursuing our common aim of suicide prevention".

The IASP Congress, held in association with Suicide Prevention Australia, is the first of its kind in Australasia. Speakers from more than 20 different countries and a wide range of backgrounds will attend, including:

Dr Norman Farberow (United States) who has published original research in suicide prevention for almost 50 years. His concepts, such as the "cry for help", have become part of our language.

Dr Onja Grad (Slovenia), Associate Professor in Mental Health in Ljubljana, who has worked with survivors and volunteers in Slovenia, the US and the UK.

Professor Jean-Pierre Soubrier (France), the President of IASP. His research into the prevention of suicide has focused on the treatment of psychiatric illness.

Professor Lil Traskman-Bendz

(Sweden), Director of the Lund Suicide Research Centre and one of the first researchers to draw attention to the importance of biological factors in suicide.

Dr Lakshmi Vijayakumar (India) who founded a voluntary organisation that cares for the depressed and suicidal in Madras.

Ms Pam Williams (South Africa) who established South Africa's first volunteer suicide prevention centre more than 20 years ago.

Professor Goldney said the depth of international experience would be vitally important to the Congress, and to the Australian professionals and volunteers attending.

"This Congress gives us a unique opportunity to learn from our international colleagues, as well as an opportunity to demonstrate to them what we're doing to prevent suicide in Australia," he said.

For more information phone SAP-MEA Conventions, (08) 8229 6060.

—David Ellis

The News IN BRIEF

ENVIRONMENTAL IMPACT POSTS

Three University of Adelaide staff with experience in planning and environmental impact assessment have been appointed to new posts by the South Australian Minister for Housing and Urban Development.

Professor Tony Radford (Architecture) and Associate Professor Nick Harvey (Environmental Studies) have been appointed as specialist advisors to the new Major Developments Panel while Mr Paul Leadbeter (Law) has been appointed as a Deputy Panel member "with experience in environmental conservation".

The Major Developments Panel was formed last year with the passing of the Development (Major Development Assessment) Amendment Act 1996. This Act deals specifically with environmental impact assessment (EIA) of major projects and set up the independent panel to provide advice to the Minister on the level of EIA required for any proposed Major Development projects within South Australia.

NEW STORE FOR UNIBOOKS

Unibooks has a new store — at the University of South Australia's City West Campus. The new shop was opened on Friday, 21 February to cater for the individual needs of students and staff at the campus.

Unibooks is the University of Adelaide's non-profit bookshop, which now has nine outlets at university campuses throughout South Australia. The campus shops are also open to the business community and the general public.

JOBS REPORT

The University of Adelaide's Social Justice Research Foundation is to release a major report aimed at encouraging job opportunities for young people.

"Jobs For Young Australians", makes 29 recommendations to government and industry and urges them to work together more closely to improve the employment future of young people.

Data collected from 1980-96 is also presented in the report, detailing national "black spots" of youth unemployment across the nation, where job creation efforts should be focused.

The report is part of the "Young Australians — Making the Future Work Project" and is edited by Dr John Spierings and Mr John Spoehr.

"Jobs For Young Australians" will be officially released on Friday, 14 March.

MANAGING INTERNATIONALLY

A new program to help senior managers in Australian universities further their international business skills will be held in May and August at the Adelaide Convention Centre.

"Developing Global Managers for Australian Universities" has been structured by the Consortium of Australian Management Schools, to which the University of Adelaide belongs.

"The program provides participating senior managers with an opportunity to broaden their skills and knowledge to encompass international business strategy, international marketing and cross-cultural communication," said Professor Fred McDougall, Director of Adelaide Graduate Business School.

For information, contact Professor McDougall: 8303 4255 or fax 8223 4782.

Megaliths inspire unique fusion of disciplines

The people of ancient Scotland may have been more interested in aligning their Stonehenge-type structures with the sun or moon than many scientists have previously believed.

That's according to new research by University of Adelaide Masters student Ms Gail Higginbottom.

For the past three years Ms Higginbottom has been researching ancient stone structures, known as megaliths, and their possible alignment with celestial bodies.

Using a database of ancient sites in northwest Scotland compiled by Dr Clive Ruggles from the University of Leicester, she applied a statistical test to look for the degree of "clustering" in the megaliths' alignments — that is, she was investigating the probability of whether or not the megaliths were, in fact, oriented towards any celestial phenomena.

Her results suggested that many of the 3000 to 5000-year-old structures appeared to be aligned with the sun or moon at certain times of the year. By contrast, previous investigations of sites in northwest Scotland had not detected such strong evidence of alignment.

Ms Higginbottom said the reason why her results were different is because she used a different statistical test, which was designed specifically for astronomical data.

"When using the astronomy-based test, I found an extremely significant result for the monuments at Uist, another highly significant result for



Gail Higginbottom. Photo by David Ellis

Mull, and low significance for Argyll and Islay, plus an overall significance for the whole database," she said.

"So there were five significant results out of a possible seven," she said, "showing that, based on the test I used, more of the monuments in these areas were aligned with celestial bodies than previously thought."

Ms Higginbottom said the results of

this first stage of her research could also suggest something about the cultural or religious beliefs of the ancient peoples in different parts of northwest Scotland.

In the Islay Jura region, for instance, the megaliths seemed to be aligned with the sun or moon during the equinoxes (times of equal day and night). In Uist, the megaliths tended to be more aligned with celestial bod-

ies during the solstice (the longest or shortest days of the year).

Ms Higginbottom's interest in this field of work stemmed from her Arts degree at the University of Adelaide, majoring in Classics and Psychology.

"Initially I was investigating ancient cultures in prehistoric Europe and the British Isles, and when I found out they may have been involved in ancient astronomy I wanted to know how accurately they were able to align their monuments to particular celestial phenomena," she said.

To do this, her Masters degree required a unique fusion of two very different disciplines — she is currently being supervised by Dr Ron Newbold in the Department of Classics and Dr Roger Clay in the Department of Physics & Mathematical Physics.

Ms Higginbottom said there had been much debate over the years about ancient cultures' reasons for building such monuments, as well as the accuracy of their alignment. And although there were many questions about the megaliths yet to be answered, she said she hoped this latest research would add to the growing interest worldwide.

Ms Higginbottom will continue her research in this area, looking now at how accurately the megaliths are aligned with celestial bodies. She will also expand the scope of her research to cover sites in England and Ireland, as well as the rest of Scotland.

—David Ellis

Stephen Cole - Scholarship

Two University of Adelaide academics have been awarded the 1996 Stephen Cole the Elder Prize for Scholarship for their outstanding contribution to research.

Professor Tony Thomas (Department of Physics & Mathematical Physics) and Associate Professor Peter Langridge (Department of Plant Science) will each receive \$2000 in cash.

The Stephen Cole the Elder Prize for Scholarship is aimed at rewarding members of the academic staff who have made distinguished contributions to research or the creative arts.

Professor Tony Thomas's first position with the University of Adelaide was as a Visiting Lecturer in 1981. In

1984 he was appointed Professor of Physics. He is a founding member and Director of the Adelaide-based Institute for Theoretical Physics, a national centre with an international reputation in theoretical physics research.

Associate Professor Peter Langridge has been with the University since 1984. He is currently the Director of an ARC Special Research Centre on Basic and Applied Plant Molecular Biology, and has played an instrumental role in the successful application for a CRC for Molecular Plant Breeding, for which he is the interim Director.

Both academics will receive their Stephen Cole the Elder Prizes at the commemoration ceremonies in May.

Advertisement

Tests for new balloon technique

A new technique to objectively measure sensations experienced by patients in certain internal organs, promises to yield important insights into medical problems such as diabetes and eating disorders.

Professor Andreas Smout, a Senior Visiting Research Fellow from University Hospital, Utrecht, is introducing the technique to researchers in the University's Department of Medicine and the Gastroenterology Unit at the RAH.

The technique — cerebral evoked potential recording — involves the stimulation of sensations in the oesophagus.

To stimulate the oesophagus volunteers are asked to swallow a small balloon, which is inflated rapidly and repeatedly inside the oesophagus. Electrodes attached to the patient's head then record the electrical voltage generated by the brain. In general, the greater the voltage the greater the sensation being experienced by the subject.

The technique is potentially useful in examining why some people experience oesophageal pain beyond normal levels.

During his six-week stay, Professor Smout will also attempt to use the technique to test sensations in the stomach and small intestine — something that has never before been achieved.

If successful the technique could be useful in research into appetite disorders, particularly the question of why some obese people still feel hungry despite having just eaten a large meal.

"The aim is to learn more about how sensory information is relayed from the internal organs to the brain," Professor Smout said.

Some diabetics complain of severe oesophageal pain caused by reflux, while others appear to have less pain than they should. Professor Smout's

experiments will determine whether increased blood sugar levels affect the perceptions of oesophageal pain.

Subjects will be injected with glucose to simulate diabetes, and then they will be tested using the balloon and electrodes. The test will be repeated without the glucose injection.

The technique has the potential to aid studies into other medical problems such as Irritable Bowel Syndrome, in which sufferers endure pain throughout their gastro-intestinal tract.

Sufferers of Non-cardiac Chest Pain complain of heart attack-like symptoms — severe chest pain radiating down the arms. After one or two attacks of this sort, doctors should turn their attention to reflux or spastic contractions of the oesophagus.

Using evoked potential recording on patients suffering this condition, Professor Smout and his colleagues concluded that the pain was not connected with an abnormality in the oesophagus, but resulted from a dysfunction in the brain's processing of the signals from the oesophagus.

"It's a mystery," he said. "The patients might also be hypo-sensitive to pain in the hand (for example)."

He said evoked potential recording was potentially useful in Professor of Medicine Michael Horowitz's research into appetite.

"The sensation of feeling full or empty is felt in the stomach, but also in the first part of the small bowel (the duodenum)," he said.

"People who have had part of their stomach removed for various reasons feel full very quickly. This could be because of the rapid delivery of nutrients to the small bowel."

—David Washington

Adelaide input to Lao centre

The head of the Department of Women's Studies, Dr Margaret Allen, has been commissioned to write a feasibility study on the establishment of Women's Studies in the Faculty of Humanities and Social Sciences at the new National University of Laos in Vientiane.

The commission, from the Swedish International Development Agency and the Lao Ministry of Education, is a direct consequence of a visit to Adelaide last year by the Lao Vice Minister for Education, Mrs Bounpheng Mounphasay.

Mrs Mounphasay led a delegation to the 6th International Interdisciplinary Congress on Women — hosted by the University of Adelaide — and met Dr Allen and staff from Women's Studies as well as the then Deputy Vice-Chancellor (Research), Professor Mary O'Kane.

Dr Allen spent most of January in Vientiane on her first visit to Laos, meeting University staff, government officials, non-government organisations and private researchers.

Her report, due at the end of this month, will recommend for the establishment of Women's Studies in the new University, with a major focus on education, health, and the effect on women of Lao development from a command economy towards a market one.

"Women in many Asian and African countries see Women's Studies as crucial to the development process," Dr Allen said.

Advertisement

"The female literacy rate in Laos is 35% and the numbers of girls decreases at every level of school. There is a great deal of concern about gender issues and the need to see that women are not left out of the development process nor adversely affected by economic change.

"It's very important that the centre should concentrate on the issues which are of real relevance to Lao women."

The new National University of Laos came into being in 1996. It is a multi-campus institution which brings together, under the auspices of the Ministry of Education, ten pre-existing post-secondary institutions which had been administered by a variety of ministries.

Its establishment is part of a concerted emphasis on education and the

development of human resources in Laos which has accompanied the country's move to a mixed economy and its progressive integration into regional and international affairs.

"Laos is officially a Francophone country, but now there is a great emphasis upon the study of English," Dr Allen said.

"Government officials are being given time off work to attend English language classes, and English text books are on sale everywhere in Vientiane."

The commission is managed by Luminis Pty Ltd and assisted by Dr Lesley Potter from Geography, who has worked in Laos on a number of occasions.

—John Edge



Dr Margaret Allen (centre) is pictured with members of the Women's Education Taskforce of the Lao Ministry of Education in Vientiane in January. On her right is the Head of the Taskforce, Mrs Khanthaly Siliphongphanh.

Nursing home experiences studied

From Page 1

"There are also those whose experiences with nursing home care have been a relief and a comfort to the family," he said.

The following is just one example of the wide range of feelings and situations experienced by relatives, which are presented in the study's first report, "Relatives' Experience of Nursing Home Entry: Meanings, Practice and Discourse":

"BERYL"

Beryl was initially relieved when her mother, who suffered a stroke, was placed in the hospital's rehabilitation unit. She was under the impression her mother would stay there, but was shocked to find out that was not true. By the time she was informed of this, her mother had only 10 days left in the unit. Beryl phoned dozens of nursing homes looking for an empty bed. None were available, but the staff all said they would call back when one was free. Within 18 months she hadn't received a single phone call from any of those homes. Beryl's mother was placed in the new wing of a nursing home, where the staff refused to listen to her mother's health history. Although Beryl tried to give them detailed information about two hip replacements her mother had

had, she was ignored and her mother sent to a hospital for x-rays, where she waited three-quarters of a day without food. Beryl also had grave concerns about the medication her mother was given at the nursing home, as though the home was simply "bombing her out". The doctor also rarely visited her mother. Although she appreciated the nursing staff's sense of humour, Beryl felt powerless about the state of her mother's care.

Professor Pearson said the aim of the study, which concludes in 1999, was to provide detailed information about nursing home entry experiences, which could then go towards improving the nursing home system and nursing education.

"This is the first major study of its kind in Australia, and it will, we hope, be of central importance in raising the awareness of nursing home issues," he said.

The collaborative research project, conducted by University of Adelaide, La Trobe University and Southern Cross University researchers, is funded by the National Health and Medical Research Council.

Further reports are due to be released as the study progresses.

—David Ellis



Lunch hour delights

The long holiday concert drought is over for lovers of lunch hour music with the start of the Elder Conservatorium's 1997 Lunch Hour Concert series on Friday 7 March.

Highlights of the first semester series include the University Waits and dancers from Meryl Tankard Dance Theatre presenting songs and dances of the 12th and 13th centuries, the chamber music ensemble Opus 8 performing Schubert's "Trout" Quintet, the Piano Mania team of Max Cooke, Robert Chamberlain and Darryl Coote with works for one piano (two, four and six hands), two pianos and three pianos, and visiting artists from Japan in a concert of Japanese music using traditional Japanese instruments — all this plus the very best of the Elder Conservatorium's own staff and students.

• For a full program concert the Concert Manager, Anne-Marie Peard on 8303 5925.

ASQ season

The Australian String Quartet (ASQ) will present a season of four concerts in 1997, showcasing some of the most beautiful works from the string quartet genre.

The season includes quartets by Brahms and Schubert, whose anniversary year it is, as well as work by Mozart, Beethoven, Shostakovich, Haydn and Malcolm Williamson.

The ASQ will be led in 1997 by London-born Peter Tanfield, who joined the group this year to replace William Hennessy. Janis Laurs, who left the Quartet last year, has rejoined it for the January-July period while the search for a new cellist is finalised.

Other activities for 1997 include a March tour to Europe, concert appearances for Musica Viva and the Brisbane Biennial, a joint season with Leigh Warren and Dancers, and a concert in Opera in the Outback.

• Details of the 1997 season are available from BASS or the ASQ Administrator, Peta Montgomery on 8303 3748.

Brahms Centenary

The Elder Conservatorium's acclaimed soloist Gil Sullivan features in a series of five concerts devoted to the piano music of Johannes Brahms in the centenary year of the composer's death.

The series began on 3 March and concludes on 27 October, with all concerts in Elder Hall. The second concert on 19 April focuses on Brahms' chamber music and includes violinist Jane Peters, violist Paul Wright and Danish cellist Georg Pedersen. Gil Sullivan will also play a two-piano concert on 28 July with his Conservatorium colleague, Stefan Ammer.

• Tickets available from BASS.

Adelaidean Interview

Professor David Penington

Professor David Penington has just completed his review of senior management and administrative structures at the University of Adelaide. David Washington interviewed him for the *Adelaidean*.

Q: *There have been many internal reviews of management at the University, as well as many changes in the higher education environment over the past decade. Are universities suffering from change fatigue and how do you introduce reforms that don't contribute to that?*

A: The external changes have been big and they will continue. There's no way that the University itself can control those: it must adjust, it must adapt to function effectively as a University, come what may.

Society has been changing for hundreds of years. It's not new. But the process of change externally is more rapid. Any institution which is preparing young people for careers in a changing world has to be committed to change. Research is all about new knowledge and change.

So there will always be a need to adjust to change in the University and we have to be quite sure that the processes for decision-making are of a kind that can respond appropriately.

The other part of it of course has been the internal changes. The Corbett review on one hand, and the Karmel review on the other, pushed the pendulum to one extreme and then to another extreme. That has been in itself a problem for the University.

We have to find a more sensible course which is somewhere between those extremes so that the academic community in particular feel that they really are part of the University's decision-making, that the University is being managed for academic purposes.

That's not to say that the general staff don't have an important role in this — of course they do — in supporting those academic purposes. There needs to be an effective partnership between the general and academic staff. But we do need to have a process of management in which the staff of the University feel they are participating so they can take pride in the institution and feel that it is going in the right direction.

Q: *A management restructure came into force here at the beginning of last year. To what degree do your recommendations pick up the significant changes the Federal Government has made since then?*

A: The recommendations that I'm coming forward with — establishing the six faculties and giving a much more explicit role to the Academic Board — are building on what's been there in the past. They're not undoing things to any substantial extent, but they will mean that the Council will be in receipt of much better advice.

In respect of the changed external environment, the University has to be able to move with rather faster footwork than hitherto and it has to do that with consultation so people understand why things are changing, so that they are then in a position to support the changes.

I think there will be much greater capacity for consultation, particularly

through the use of the Academic Board in the decision-making processes to a much greater extent. That will mean that when the University is making changes it will be able to move with a greater degree of confidence than might otherwise have been the case when there was suspicion that Senior Management Group was just doing things to the university rather than leading collective decision-making.

Q: *Strengthening the Academic Board's role seems to involve a new focus on the core activities of the University. Have Australian universities been ignoring their core activities in favour of second-guessing the future?*

A: I don't think it would be fair to say they are neglecting their core activities. The problem has been that with 36 or 37 publicly-funded universities all wanting to represent themselves as having exactly the same role, there has been a neglect of certain important areas of specialisation in technical and applied areas, and a great preoccupation with every university offering PhD programs and MBA programs and so on. It's that uniformity that has been the negative feature of the Dawkins reforms and their consequences.

The new era will offer far better opportunities for universities to define really what they are about and to do those things well, and for different universities to have different missions to a significant extent. I think that's going to be a very positive development.

Q: *Is competition the driving force behind that development?*

A: There will be competition for students, staff and for resources, that's true. But that's going to mean that institutions need to be able to define what they do well, and not represent themselves as all being the same as each other. If every university represents itself as a research university they won't be able to compete effectively. The strong research universities are really only eight or nine in number. (The other) universities ought to define themselves differently so that they can do their thing well, rather than counting on officers in Canberra spreading the cake around to everybody.

Q: *Will there be a return to the old binary system by default?*

A: I don't think it will be a return to the binary system. I think there will be a role for a smallish group of research universities; there's an important role for regional universities; there's an important role for the technological universities offering technical and applied education — and that's a very important thing for the country as a whole.

Apart from those three there is a case for some large universities offering general education on a larger scale, which is a little different from the education offered in a research university which is particularly appropriate for academically-able students. I think there will be at least four groups that will emerge.

Q: *Where do the — as Simon Marginson termed them — "wannabe sandstones" fit into that?*

A: I don't think you define which are research universities by fiat. You let



Professor David Penington. Photo: David Ellis

that happen by reality. I think some of the older universities could lose their way and become weaker, and some of the newer universities could become stronger. I see nothing wrong with that.

There will be a number of universities that will be strong in research in certain disciplines, but not across the board — that's fine. They ought to be able to offer PhD programs in those disciplines and get full recognition for what they can achieve. There has always been competition for research funding and always will be. It's not a bad thing that there should be competition.

I don't take the view that you designate universities by title as one thing or another — I think they find their way and stand and fall on what they do.

Q: *So how is Adelaide placed? There has been a debate about whether a university of our size can survive long-term without expanding.*

A: I think Adelaide is a strong university and if you look at the research earnings or research infrastructure funding in relation to the level of general recurrent funding, or in relation to its size, it's one of the strongest in Australia, one of the top three.

If you look overseas there are many outstanding research universities that are smaller than Adelaide. Cal-Tech is quite a lot smaller than Adelaide but it has produced Nobel Prize winners and has a brilliant record in research. A number of the outstanding British universities are smaller than Adelaide.

It's a feature of the post-Dawkins era that universities are seen to be better if they are bigger. I don't personally believe that the university is necessarily better through being bigger — it's a matter of the quality of its work, its education, its research and its processes for decision-making and so on that really determine its environment.

There may be opportunities that present for Adelaide to get bigger but it oughtn't get bigger just for the sake of getting bigger. It should only look at amalgamation if it makes the University stronger and more effective, and that's a very selective process.

Q: *A lot of the concerns of academics in the past decade or so have centred on what might be described as "creeping managerialism" detracting from the traditional community of scholars. What will be the response to your recommendations in the light of this debate?*

A: In the final report I have written a section specifically on a philosophy of leadership, management and administration. I would like people to read that and see how they feel about that.

The fact of the matter is that a university is a large and complex organisation — it involves a lot of money, a lot of staff, and there are complexities in management that have to be tackled. If you don't have management, you have chaos — and nobody wants chaos. Processes have to be managed. The important thing is that they are managed sensibly for the purposes for which the university wants them to be managed.

Strategic planning processes are central to this and these processes ought to involve every part of the university so that people can identify with the University's agreed mission. Management ought to be seen as a positive thing in that sense, not a negative thing.

Likewise, leadership is necessary at every level of the institution. The Vice-Chancellor has a very important leadership role, but so do the Deans, so does every head of an academic department, so does the head of every administrative department, so does every individual teacher, teaching a group of students. That in itself is an exercise in leadership.

I see leadership and management as central to what a university is about, and I see it as important that there is good administration supporting those management and leadership roles. Administration from general staff can greatly enhance what can be achieved by a manager in the position of head of a department or dean of a faculty.

I think there's a very real need for a partnership between academic managers and general staff administrators who have special expertise that the academics don't necessarily have. In that partnership they both have a lot to contribute.

Alumni IN BRIEF

Old Treasury Building tour

The old Treasury Building on the corner of King William Street and Victoria Square may not be with us for much longer in its present form. There are plans to gut the building and convert it into a luxury hotel.

This building has seen South Australian history in the making. It is the location of the old Cabinet Room, where key political decisions were made for many years. It houses the Treasury Building Museum, and the subterranean tunnels beneath the building reveal more South Australian secrets to the visitor.

This may be our last opportunity to see this historic building. Join the Alumni Association for a guided tour on Thursday 3 April at 6:00pm. Numbers are limited: please call the Alumni Office 8303 4275 to book. Cost: \$3 per person, payable at the start of the tour.

The origin of life

Professor Ian Falconer will deliver a public lecture on Wednesday 19 March at 7:00pm in the Florey Lecture Theatre (Level 1 Medical School North building).

This lecture is presented by the Australian Institute of Biology, with the assistance of the Alumni Association's Florey Medical Chapter and Science and Mathematical Sciences Chapter.

The lecture is free and open to the public. Whilst it is not necessary to make individual or family bookings for this lecture, organisations wishing to make group bookings should contact the Alumni Office on 8303 4275.

Science and Mathematical Sciences Chapter AGM

Members are reminded that the Science and Mathematical Sciences Chapter's Annual General Meeting will be held on Wednesday 26 March at 5:30pm in the Science Faculty Meeting Room, level 5 Oliphant Wing. All graduates and friends of the Faculty of Mathematical and Computer Sciences and the Faculty of Science are invited to attend.

Further information may be obtained from Adrienne Eccles at the Alumni Office, 8303 3196.

Australian universities alumni weekend proposed for USA

The ANZUS Business Exchange of Philadelphia (one of the Australian New Zealand American Chambers of Commerce) is organising a weekend for alumni of Australian Universities. The event will take place on 14, 15 and 16 August 1997 at the Australian New Zealand Studies Center, Pennsylvania State University, State College, Pennsylvania.

The program will include sessions on dual citizenship, Australian/American trade, joint projects between Australian and American universities and the Olympic Games in 2000. Informal recreation including cricket and tennis will be available. Alumni interested should contact the ANZUS Business Exchange of Philadelphia, PO Box 248, Blue Bell, PA 19422 USA [tel (215) 654 9743, fax (215) 654 9745 or email anzus@philadelphia.libertynet.org] to obtain a registration package.

Theatre Oneiron to stage Euripides classic in Adelaide's oldest theatre



Nina Paleologos plays the leading role of Hercuba in *The Trojan Women*. Photo: Lisa Tomasetti

One of the oldest plays in Western culture will be staged in the oldest theatre in Australia as a theatrical centrepiece for the 20th anniversary of the Greek Glendi Festival.

Theatro Oneiron, Adelaide's Greek-Australian theatre, will stage Euripides' moving war drama *The Trojan Women* in a new modern Greek version by the legendary figure of Greek theatre, the late Yiannis Tsarouhis.

Under the direction of Metaxas (Max) Mastrosavas (MBBS Adel 1973), Euripides' tragedy will be staged in a modernist manner in the Queen's Theatre. This production resonates with the recent

events of the Balkans, Chechnya and Kurdistan.

Original music has been composed by the company's resident composer Arthur Giannopoulos (MBBS Adel 1974), incorporating the post industrial recordings of Rodney Cooper and Craig Richards from Melbourne.

The play will be presented in modern Greek, with English surtitles displayed above the performance area.

Trojan Women is the theatrical centrepiece of the cultural program of the 20th Glendi Greek Festival. Its preview night will be on 25 March (Greek Independence Day)

and the season runs 26 March to 5 April. Bookings from BASS and KOSMOS.

—Adrienne Eccles

SPECIAL OFFER FOR ADELAIDE ALUMNI

The Alumni Office has five double passes for *Trojan Women*, valid for the Preview Night performance, Tuesday 25 March. They will be given away to the first five people to phone the Alumni Office on 8303 3196 after midday on Wednesday 12 March.

Women at the Top

The Australian Federation of University Women (SA Inc) will explore "the impact of women at the top" in a Forum at the University of Adelaide on Monday 24 March.

The topic reflects the fact that, while there is still a paucity of women in high positions in the academic world, the professions, government and business, advances have been made in many countries, including Australia, so that there are now numbers of women whose achievements match those of men.

The two speakers are well qualified to address the topic. They are Dr Elizabeth Heij, Chief of the CSIRO Division of Horticulture, and Mrs Judith Roberts AM, who chairs the Board of the Anti-Cancer Foundation of South Australia and the Helpmann Academy.

The forum will be chaired by Professor Anne Edwards, Deputy Vice-Chancellor and Professor of Sociology at Flinders University.

• "The Impact of Women at the Top" will take place in Lecture Theatre 101, Napier Building, from 1.00 to 2.00pm, Monday 24 March 1997. For further information phone 8277 6086. All welcome.

The Mathematics of Money

Money and how to manage it is a constant concern in the lives of most people. On a larger scale, billions have been lost in recent financial fiascos: Barings, Orange County, Metallgesellschaft. Who or what is to blame? Is it the knowledge, or lack of it, of traders? Is it an inherent weakness in mathematical modelling in finance?

The Science and Mathematical Sciences Chapter's 1997 Public Lecture Series will open on 3 April with a presentation by Professor Robert Elliott on "Markets, Money and Mathematics". Professor Elliott lectures in the Department of Applied Mathematics. He is the author of five books and over 250 papers, and in recent years he has investigated stochastic processes in engineering and finance. He is a graduate of both Oxford and Cambridge, and has taught in Britain, Europe, North America and Asia.

The lecture, to be held in the Horace Lamb Lecture Theatre at 7:30pm on Thursday 3 April, is free and is open to the public. Individual, family and group bookings are all welcome.

Please contact the Alumni Office to obtain a free ticket to guarantee your seat. Phone 8303 4275 or email eccles@registry.adelaide.edu.au.

The Alumni Association wishes to remind its members and friends that on Tuesday 11 March is "Breakfast with the Vice-Chancellor". Cost: \$15. 7.15am for 7.30am, The University of Adelaide Club. Please call 8303 4275 to book your place.

Advertisement

VC welcomes our academic achievers

The Vice-Chancellor, Professor Mary O'Kane, welcomed the first group of students to win Adelaide Achiever Scholarships at a morning tea in Bonython Hall on 21 February.

One hundred and ten scholarships have been awarded to school leavers, mature age students and students transferring to the University of Adelaide to complete a Bachelor course or to do an Honours degree.

They include students from Victoria, Tasmania, New South Wales, the ACT, Western Australia and Queensland.

"This is the first time that we have offered a comprehensive package of undergraduate scholarships and they have clearly been welcomed by outstanding students and their parents," Professor O'Kane said.

The scholarships include 30 Adelaide Achiever Scholarships for



Professor Mary O'Kane chats with some of the Adelaide Achiever Scholarship winners in Bonython Hall. Photo: David Ellis

students who are new to higher education; 50 Adelaide Achiever Outreach Scholarships for students transferring to the University for Honours or midway through a

Bachelor degree; and 30 half or full HECS Scholarships under the Commonwealth Equity Scholarship scheme.

—Pat Cree

East meets west for 'Mind and World'

What is the nature of consciousness? What is the relationship of mind to the world? Big questions, which have engaged philosophers east and west for millennia.

On Saturday, 15 March, the University Council Room will be the venue for an unusual dialogue between western and Tibetan Buddhist philosophers of mind on these very questions.

The half-day workshop sponsored by the Philosophy Department — entitled 'Mind and World: Cognitive Science & Buddhist Philosophy' — will feature two Tibetan lamas and a western scholar whose expertise bridges both cognitive science and Tibetan Buddhist philosophy of mind.

While conferences like this have been held in other parts of the world (notably with the Dalai Lama at Harvard University and in Dhara-

msala, India), it appears that this may be the first time it has been done in Australia.

"The strong core of philosophers of mind at the University of Adelaide and Flinders University, and access to highly qualified Tibetan scholars through local Buddhist centres, makes it possible to attempt such an experiment here," said Dr Gerard O'Brien, Lecturer in Philosophy who is co-organising the event.

The former abbot (Vice Chancellor) of Gyuto Tantric University in northern India, Khensur Lobsang Tenzin Rinpoche, has been brought from India specifically for the workshop by Gyuto House, a Buddhist-oriented centre for cultural arts and philosophical exchange in the Adelaide Hills.

He will be joined by Khensur Lobsang Thubten Rinpoche, the former

abbot of Sera Je Monastic University in southern India, a senior scholar in the Tibetan monastic community who is on an extended teaching visit to Buddha House in Fullarton.

Professor Jay Garfield, a US scholar with an international reputation in both cognitive science and Tibetan Buddhist philosophy of mind who now heads the Philosophy Department at the University of Tasmania, will provide the context for the dialogue in opening remarks and serve as chair.

Nine philosophers from Adelaide and Flinders Universities have agreed to participate in the dialogue.

The Vice Chancellor, Professor Mary O'Kane, will open the workshop. The Dalai Lama's representative in Australia, Chhime R Chhoekyapa, is coming from Canberra to attend.

In the past 25 years, there has been

increasing contact between the two philosophical traditions specifically on questions relating to the nature of mind.

Western philosophers of mind have the advantage of drawing on science. Tibetan Buddhist philosophers, on the other hand, have methods for putting philosophical principles regarding mind, body and the nature of the world into practice — the spiritual technology of advanced meditation which is today an object of scientific study. Both have long, scholarly traditions based on rational analysis.

The workshop has attracted interest from across a range of departments at Adelaide and Flinders Universities, as well as Buddhists and members of the community at large.

• For more information, contact Pamela Lyon on 8303 5174.

ACCOMMODATION

AVAIL: Roomy Victorian cottage, walk to Parklands & O'Connell St, open fires, polished floors, lge garden, parking. \$185 pw. Ph Jim (02) 9953 4349.

AVAIL: Small renovated Blue Stone, walk to Parklands & O'Connell St, quiet location, sunny courtyard, covered parking. \$125 pw. Ph Jim (02) 9953 4349.

GRANGE ESPLANADE: Spacious, 1-2 br, half house, brand new wet areas. \$180 pw. Ph 8302 4592.

NORTH ADELAIDE: 2 br apartment type unit with carport, partially furn, b-in wardrobe, laundry, quiet location, close to cafe, cinema. Available mid March. \$150 pw. Ph 8267 2732.

NORWOOD: 1 furn br avail in 3 br house from early May - mid July (possibility of longer term). \$70 pw + gas, elec. Ph Nicki 8303 5899 (w) or 8362 8999 (h).

SECOND VALLEY - FLEURIEU PENINSULA: Holiday house for short,

medium or long term rental. Ideal for holiday or as a retreat in which to contemplate or write. Architecturally designed, views to hills and sea. Sleeps 5. Variable rates. Ph 8379 6510 (h).

SOMERTON PARK: Fully furn bungalow, 5 mins to beach. 3 br, study, formal lounge (or 4th br), lge mod Mediterranean family rm with mod facs, patio and lge garden area with outdoor furn. Furn garden studio. Fully ducted heating. Avail May - July 1997. \$300 pw (neg). Ph 8294 7988 (h) or 8302 1586 (w).

VIVONNE BAY, KI: Holiday house, beautiful beach, bush, self-contained, architecturally-designed, sleeps 5. Ph 8388 6404.

WANTED: House to rent in hills for 27 yo science student with child & mature dog. Excellent ref. Must be close enough to Adelaide for easy commuting. Ph Emma 8353 7948.

WANTED: Share accomm for 23 yo employed professional male with non-smoker, undercover parking required. Ph Shane 8287

Adelaidean

CLASSIFIED

0139 or email: Shane.White@vsl.com.au

FOR SALE

DESK CHAIRS: 2 ergonomic chairs, as new, maroon tapestry covering. \$200 ea. Ph 8362 0035.

FRIDGE: Westinghouse Moist cold 420 ltr, 2 door, square line. Excellent working order. \$375 ono. Ph Jacki 8204 6328 (w) or 8264 6974.

HOLDEN BARINA: 1992, 5 spd, manual, 42,000km, immaculate cond. VHH 254. Ph 8364 3502.

MOTORCYCLE: 1990 Honda CDU 250cc, 16,000km. Some spares plus cover, currently registered. Ideal commuter, excellent cond. THN 887. Ph 8303 5870.

NINTENDO ENTERTAINMENT SYSTEM: With 2 pads and a shooting gun, 9 great games. \$120 ono. Ph 8297 1848 (after 8pm).

SIGMA: 1982, manual, new tyres, registered until 6/97. UAH 961. \$1,800 ono. Ph 8297 9337 (ah).

STUBBEN TRISTIAN: Brown, fully mounted, stainless steel stirrups, excellent cond. \$850. Ph Gloria 8303 3015 or 8303 3410.

TELEVISION: Teletext colour TV, Orion, 51cm, remote control, excellent cond. \$385 ono. Ph 8297 1848 (after 8pm).

VIDEO: National, remote control, very good cond. \$120 ono. Ph 8297 1848 (after 8pm).

VIDEO: Akai, Intelligent-HQ, model VS-F260, remote control, quickstart, function menu control, digital, tracking control, one year old. \$285 ono. Ph 8297 1848 (after 8pm).

DEPARTMENTAL

BLACKBOARD: 4m long x 1.2m high. Will sell to best offer. Ph Piers 8303 3999

or David 8303 5575.

COMPUTER: IBM compat, 386DX, 210 Mb HD, 16 Mb RAM, with BJC 100 bubble jet printer. \$600. Ph John Davey 8303 7306.

HOLDEN COMMODORE ACCLAIM: 1995, white, VSJ 411, 40,000km, ABS brakes, air cond, auto, car immobiliser, cruise control, jet bags, h/light protectors, mudflaps. Inspection Wed am 12 March, ph Anne Samra, 34240. Tenders in a sealed envelope marked Tender No W204 to Purchasing Manager, Waite by Mon 17 March 1997.

HOLDEN COMMODORE VS: Executive wagon, VTK 032, auto, air cond, tow bar, approx 42,000km. Inspection by arrangement, ph Anne Mowday (Agronomy & Farming Systems) 37868. Tenders in a sealed envelope (ref: AFS97/2) to David Mathew, Agronomy & Farming Systems, Roseworthy Campus, Roseworthy, 5371 by Wednesday 19 March 1997.

LECTURE THEATRE SEATS: 14 rows of 4 seats with fold down desks. Will sell to best offer. Ph Piers

8303 3999 or David 8303 5575.

MITSUBISHI MAGNA: Executive 1994, white, VPV 288, 24,205km, air cond, auto, floor mats, h/light protectors, mudflaps. Inspection Wednesday 26 March (9.00am - 12noon), ph M Sutton, 34299. Tenders in a sealed envelope marked Tender No. W205 to the Purchasing Manager, Waite Campus by 31 March 1997.

TOYOTA HILUX: 4x4, 1995, white, VSU 366, 40,318km, manual, mudflaps. Inspection Wednesday 26 March (9.00am - 12noon), ph Gerald Buttfeld, 35844. Tenders in a sealed envelope marked Tender No W206, to the Purchasing Manager, Waite Campus by Monday 31 March 1997.

MISCELLANEOUS

WORD PROCESSING: \$2.75 per page, after hours service, professional formatting of WP on disk. Thesis-format, proof read; Resumes. Ph Anne Every 8212 6869 fax 8212 6662.