



# UNIVERSITY NEWS

Newsletter for the  
University of  
Newcastle

## BURWOOD BEACH

In recent times, there has been an increase in the closures of Merewether Beach due to sewage pollution. What will it cost for improvements to be carried out at Burwood Beach sewage plant to alleviate this public health hazard?

The Hunter District Water Board, which is responsible for sewage disposal, has carried out several investigations, but to answer some of the questions on the broader issues of sewage disposal the Board of Environmental Studies has asked Dr. Brian Williams and Mr. John Collins to organise a public seminar.

The seminar, titled, Burwood Beach -- Problems and Proposals, will be held in Lecture Theatre E01 on October 8.

Dr. Williams, Lecturer in Civil Engineering and Surveying, is Convenor of the seminar and Mr. Collins, Lecturer in Community Programmes, is Administrator.

Dr. Williams and Mr. Collins have received the full co-operation of engineers in the HDWB's Burwood Beach Project Team.

Burwood Beach sewage outfall works was constructed in the Depression as part of the Newcastle Sewage Amplification Scheme. As a way of

pruning capital expenditure, the screening of sewage to separate solids from liquids, instead of the original plan to provide full treatment, was approved.

Dr. Williams is looking at the main questions to be discussed at the seminar. These include: What has the HDWB been doing with our sewage? What is being measured on the beaches? Why are the beaches being closed? What is the HDWB proposing to improve the situation? What will it cost, and who will pay?

The seminar will also discuss specifically some of the Hunter District Water Board's proposals for the Burwood Beach sewage outfall. The Board's investigations over the last 10 years will be described along with their current proposals.

Dr. Geoff Curthoys will chair the seminar.

Speakers have been invited from the following organisations: the University, the Hunter District Water Board, the State Pollution Control Commission and the Newcastle City Council.

All interested persons are welcome to participate.

Enrolments can be made through the Department of Community Programmes.



Dr. Williams

Photo: John Purser

THE VICE-CHANCELLOR'S  
THIRD TERM STAFF MEETING  
will be held in the  
DRAMA THEATRE  
on  
OCTOBER 4 at 1.05 pm

## inside: POLICY Statements

## Letters

Through the NEWS we would express our very sincere thanks to many persons of the University "family" who assisted in various ways to help ensure the success of the recent Book Fair in the Great Hall. Large numbers of books were received from within the University and many purchases were made by staff and students.

Our special thanks to the Departments of History and Medicine for storage and sorting space without which the Book Fair could not have taken place.

\$23,000 was taken at the Fair and will assist to provide new student accommodation.

A great effort by large numbers of people interested in our University here in Newcastle and now we look forward to the second Book Fair in 1985.

Ken Gordon,  
President,  
Friends of The University.

Among many other considerations, one reason I am pleased that the proposed Newcastle University amalgamation has not been proceeded with is that the University of Newcastle Act guaranteeing the University's autonomy may otherwise have been changed. The founders of this University performed such a complete separation of the University from its former and esteemed parent university, the University of New South Wales, that it would be all the more a shame for the Act in its present form to have been sacrificed to accommodate the merger with us of a college of advanced education.

John Smith,  
Elmore Vale.

The recent visit to the University of Newcastle by Professor Levin to present a seminar on anti-feminism and the boycott of it by the Association of Women Employees of the University, has given rise to comments that women staff should

have made an appearance to counter his arguments.

Our decision was taken to boycott the seminar on a number of valid grounds. Very reliable sources had warned us that Professor Levin was an irrational, illogical proponent of anti-feminism. Subsequent reports on his seminar performance, in the press and from participants, confirmed this to be so. His public attack on homosexuals was just one aspect of this.

Our position is that our response, a political decision (not an academic one), was correct. We sought to minimise his impact in the community. A boycott, we believe, achieved this.

To some people the issues of equal opportunity, anti-

discrimination, sexism, racism, and related issues may still be academic questions. To concerned women staff at this University however, the questions surrounding such issues have long since passed the debating point. We will continue to oppose such outdated philosophies as were put forward by Professor Levin in the most suitably political manner. We will do so with all the political means we can muster until we discern in this and other university communities a greater commitment to social, economic and political justice for all human beings than is now evident.

Ms Noeline Williamson,  
Committee Member, ANEUN.

## "HEAT AND DUST"

### Film Premiere



Shashi Kapoor plays The Nawab in the film *Heat and Dust*, which will be given a premiere screening in Lecture Theatre B01 on October 13 at 8 pm. The film was made in Hyderabad and Kashmir and recaptures all the colours and paraphernalia of India in the 1920s. Julie Christie and Kapoor play the leading roles. *Heat and Dust* has been kindly made available to Standing Committee of Convocation by Greater Union Theatre Division. Standing Committee will direct proceeds to the Student Village Development Programme. Bookings can be made at the Union Shop.

## Staff Association

The third in the series of Staff Association seminars was held on September 12 and addressed problems relating to untenured academic staff. Ken Dutton referred to the University's current attempts to meet the requirements of a 1982 Council resolution on tenure and to upgrade the conditions of such staff in line with a FAUSA/AVCC Guideline on the subject. Don Wright referred

to FAUSA's efforts to upgrade conditions and its general policy on the subject. Sandra Grimes and John Cowley spoke of the problems which they had faced as untenured staff. A variety of related matters was raised in discussion. The seminar was chaired by Monica Hayes.

A fourth seminar, planned for later this month, will not be held at the present time.

# Engineers Honoured

Professor Graeme Jameson and Mr. Nafis Ahmed, of the Department of Chemical Engineering, were recently honoured by the Institution of Engineers, Australia.

At CHEMECA 83, the annual Chemical Engineering conference held in Brisbane from September 4 to 7, the John A. Brodie Medal "for achievement in Chemical Engineering" was awarded for their paper entitled "Improving the rate of flotation of fine particles", which dealt with the recovery of fine mineral particles, a particularly difficult problem in the minerals processing industry.

Nafis Ahmed recently submitted his Ph.D. thesis and has now taken up a postdoctoral research appointment at Imperial College, London.

# Tree Surgery

Following the initial development of the University, rapid deterioration of the trees between the No.1 Car Park and the McMullin Building occurred.

In order to overcome this dieback, heavy lopping of the most seriously debilitated trees was carried out about 1970. This, coupled with underplanting of Acacias and grassing the exposed ground surface, enabled the trees to gradually recover to their present condition.

However, the Planner has pointed out that further tree surgery is now necessary to remove dead limbs and stubs left from the original lopping. This is essential to ensure the long-term health of the trees by sealing the new cuts against the entry of fungi and insect attack until the new bark can grow back over them.

Hence, the numbers to identify the trees and the work to be done on them by tree surgeon, Peter Hill.

# EXPORTER OF ORCHIDS



Mr. Walker in his "pleasure-dome" -- his orchid nursery. Photo: John Purser.

# Looking About Us

A love of orchids has taken Mr. Jim Walker from hobby grower to nursery owner and exporter.

Between June and September this year some 3,500 quality orchid blooms from the nursery were shipped to the United States, Japan, The Netherlands and France.

Mr. Walker is a member of the University's Attendant Patrol Staff.

He admits that he owes a great deal of his success to his wife, Ann, but when he bought his first hybrid 27 years ago she "went crook" at him. It cost 30/-, which was a

lot of money then.

Ann and Jim Walker have shared an enthusiasm for orchids for many years. Ann takes responsibility for purchasing new hybrids in Sydney.

Located behind their home in Sandgate Road, Shortland, the nursery embraces all the available land -- an area 70 ft. by 40 ft. At present they have approximately 1,000 orchid plants, mainly cymbidiums and cattleyas.

Mr. Walker has been a member of Newcastle and Boolaroo Orchid Societies for more than 20 years.

# Editor's visit Influx from Schools

New South Wales University Press publishes books for staff, research centres and departments of tertiary institutions. The Press' list includes tertiary texts, up market general books and scholarly works. The main publishing areas include engineering, technical fields, humanities, commerce and contemporary issues. The Press does not publish fiction, poetry, literary criticism, medical books, festschrifts, monographs, bibliographies, theses or journals.

New South Wales University Press distributes throughout Australia and has co-publishing arrangements overseas. For example, **Darwinian Impacts** was co-published both with Humanities Press (US) and Open University Press (UK) and rights to **Reasoning and Argument in Psychology** have been sold to Routledge and Kegan Paul (UK)

The Press operates much the same as a commercial publisher. That is, it pays royalties, edits, designs, warehouses, markets and distributes as a normal part of the service.

The editor of the Press, Carol Dance, will be at the University of Newcastle on October 10 and 11 in Room T35 in the Temporary Buildings. Any staff member wishing to discuss publishing ideas or wanting further information about the Press, is welcome to see Mrs. Dance on either of these two days or to telephone her at extension 602. Anyone wishing to arrange an appointment before Mrs. Dance arrives at the University may contact her at (02) 662 3547 to ensure a meeting.



Study days, school visits, information nights, selection tests ... . The influx of students from secondary schools increases at this time of the year.

Included in the senior school students who came to the campus to take part in selection tests for admission to the Medicine course are Caroline Went and Shane Cooper (pictured above), who came south from Mullumbimby High School. More tests for the course will be held on October 17 and next January.

An Information Night was held in the Great Hall on September 14, when those who attended were given an insight into the courses available at

the University. On November 23 another event of this kind will be held.

HSC Study Day, 1983, is expected to attract several hundred Year 12 school students to the University. It will be held in the Great Hall on October 8.

Organised by the Department of English in conjunction with the English Teachers' Association, lectures will be offered on T.S. Elliot, Lowell, Donne, Coleridge, Dawe, Wuthering Heights, Pride and Prejudice, Who's Afraid of Virginia Woolf, Huckelberry Finn, Sons and Lovers, The Caretaker, A Hard God, Macbeth and The Crucible. Photo: Col Newell.



## Helping Cancer Sufferers

We sent a card to Michelle Price last term, when she entered hospital, and also sent a sympathy card to her family, when she died during the vacation (on August 18).

In respect of Michelle's wishes, no flowers were bought for her funeral.

If you would like to contribute instead to a donation from her French students

(In memory of Michelle) to the Oncology Unit, Mater Hospital, Waratah, there is a tin on the counter in the Secretary's office in the French Section.

All donations, large or small, will be accepted until the end of this Term, at which time, it will be donated to the Oncology Unit in her memory.

**L'Universite de Newcastle Club Francais**

# The University Then

The photographs on this page come from the University Archives. They suggest that before the University was moved from Tighes Hill to Shortland the city was a greater focus for student activities than it is now. The students went to town for their annual Autonomy Day processions and to meet socially in hotels.

The Union on the campus had not been built and the halcyon days of meeting at The Shortland Hotel lay some years ahead.

The students impressed on the general public that there was a university in Newcastle by staging colourful Autonomy Day processions and outrageous stunts.

Pianist Winifred Atwell, and the Lord Mayor, Alderman Doug McDougall, were "kidnapped" one year.

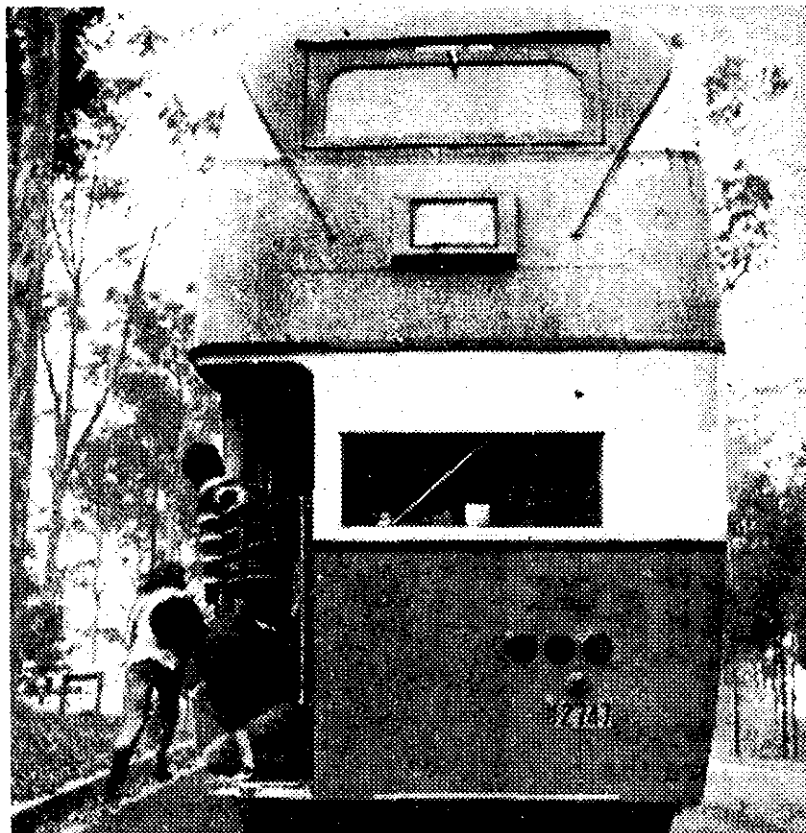
However, the most spectacular stunt took place a few years later when a bus service was established on the campus for a brief period.

A student reportedly telephoned the Government bus depot because he was concerned that the double-decker bus providing the service -- between the Union and the Sports Oval -- might not have a home. He was asked: "What bus?"

Soon afterwards, apparently, the Government Transport Department came to the University and took the bus home.

Some members of the public and, in particular, aldermen of the City Council, expressed disgust at the way some of the students behaved. They drank pubs dry, swam in the fountain in Civic Park and did other improper things (as they still do).

However, the stunts nearly always had their altruistic side, with "ransoms" and proceeds from "boat races" and



the sale of *Opus* going to help the disadvantaged.

Moreover, the activities of the students in the early days publicised the University when the institution did not have a permanent home and had to find a real identity.

The photographs show the bus which "wandered" from Parnell Place to Shortland, and a group of pioneer Engineering students from Newcastle University College socialising with

Professor Cyril Renwick at the old Westminster Hotel, opposite Newcastle Post Office.

The group comprises (from left) Leo Williams, Doug Chapman, an obscured student, an unidentified student, Professor Renwick, Avi Newman, Ken Irvine and Jim Dowrie.

The Archives is interested in collecting old University photographs. Anybody who can help should contact Denis Rowe, the Archivist.

# ELECTION

At the closing time for the receipt of nominations for election to the Council of the University as a member being a student elected by the students, the following valid nominations had been received:

**CHRISTOPHER HALLETT  
TERRY SLEVIN**

As more than one valid nomination has been received for the

vacancy, a ballot will be conducted to determine the successful candidate.

Votes will be taken between the hours of 11.30 am and 2.30 pm in the Lobby of Level 2 of the Union and between 5.30 pm and 7.30 pm in the Foyer of the Auchmuty Library on Tuesday, October 11 and Wednesday, October 12.

We live in a society where people can freely worship God, women can have equal opportunity and students have effect in their own government. But this University's government needs to be rationalised.

As I conclude, this policy Australia II has tacked its way to victory, in the America's Cup, and the University should use this as an analogy. We have tacked very well through amalgamation now we must go windward into rationalisation. The University has come to an important stage in its development and if it is not to step forward, when it is time, it could go down. Rationalise for something worthwhile but now is the time.

**Christopher Carl Hallett**

## POLICY STATEMENTS



**Christopher Hallett**

Polybius, the historian, said: "This is the regular cycle of constitutional revolutions and the natural order in which constitutions change, are transformed, and return again to their original state. If a man have a clear grasp of these principles ... he will rarely be entirely mistaken as to the stage of growth or decay at which it has arrived, or as to the point at which it will undergo some revolutionary change". Polybius' "regular cycle of constitutional revolutions" is 'kingship to tyranny, aristocracy to oligarchy then democracy to mob-rule' and, it seems, that Newcastle University is involved in its "tyranny".

The tyranny of amalgamation has been prevented, etc., but to prevent a negative does not produce a positive and so, in 1983, the University seems to be stagnating -- going

around in circles -- producing nothing (but mosquitoes).

Fellow students, the University needs to transform quickly to a responsible and, to using Polybius' words, "a public minded" rulership at Senate and board level with more vertical efficiency in the rulership. When I was the Student Representative on Senate and the Students' Representative Council I said that it was highly possible that the threatening amalgamation would not eventuate, and this is our situation now, but what we do have is "Rationalisation". And it is rationalisation that can become the mother of endurance, emotional public mindedness and quality at our middle level rulership. This is my main policy for the coming two years in the University. However, the ambiguity of some politicians' statements could camouflage amalgamation 2 and, maybe, not yet, is amalgamation, Andromeda.

But, with our reduced budget, "Rationalisation" should become operative, as the major aim, and there are several minor aims, as well. For example, near my study carrel, where I am writing a doctoral thesis, the Main Roads Department has plans for a highway, not to mention a motorway at the other side of the campus. No thanks, I say, an environment suited to academic work should be preserved at this University as we have seen the wrongs of the motor car and over mechanisation



**Terry Slevin**

I am running for the University Council because I think that more effective student voice should exist on the ultimate decision-making on this campus. I have experience with other University decision-makers, being a Student Rep. on the Arts Faculty Board and the Senate. Therefore, I know how these bodies operate, and what sways their opinion.

In my job as SRC President, and Union President, I have seen how this University works and what needs to be changed and improved.

I have a grounding in University financial matters and the conditions and problems of students, having studied full-time in Newcastle for two years and at the University of New South Wales for one year.

# SOCIAL CHANGE

Students are often seen as the transient and ineffective voice on bodies such as Council, because of their lack of experience and their short stay at university. I have been involved in all stages of university government and will be able to be constructive in Council meetings.

So, vote for me for an **Experienced** student member on University Council.

My record is:

- 1983, President, SRC.
- 1983, President Union Board of Management.
- 1983, Student Member of Senate.
- 1983, Student Rep. Arts Faculty Board.
- 1983, Member of Working Party on Trimesters.
- 1983, University Rep. on College and Child Care Committee.
- 1982, President, Psychology Club.
- 1982, Member of SRC.
- 1982, Student Rep. Departmental Board, Department of Psychology.

**Terry Slevin**



Although 90 people had registered to attend the forum discussion on Changing Australia, at the University on September 22, there was a turn-up of 140.

Changing Australia was introduced by Bishop Alfred Holland, Anglican Bishop of Newcastle, Bishop Leo Clarke, Catholic Bishop of Maitland, and Rev. Trevor Barrett, Uniting Church Chairman for the Hunter Presbytery (pictured above).

The forum discussion evaluated the newly released Social Justice Statement for 1983. The SJS was produced jointly by the National Commissions of the Anglican, Catholic and United Churches in Australia and is regarded as a milestone in inter-Church cooperation.

Newcastle people made a significant input into the statement through the Bill Childs Event, a seminar, Goals for a Just Australian Society, held at the University in March.

In general discussion it was proposed that ecumenical study groups be set up throughout the Hunter Region to consider the SJS and that, in the New Year, social questions committees of the three Churches meet to consider suggestions emanating from the discussion.

## Research Grants

Persons interested in receiving grants for attendance at international conferences, research projects and research visitors in 1984 are invited to apply to the Senate Research Committee.

The Vice-Chancellor has allotted a further \$200,000 from his discretionary fund, more than tripling the money available for the year. The Senate Research Committee proposes that most of the extra money will be spent on research projects in the University.

An application for a grant must be submitted on the appropriate form, must detail specific proposals for specific projects and, where appropriate, should indicate an order of priority for separate items of expenditure. Submissions

must be accompanied by an endorsement by the Head of the Department that the project is within the Department's competence, identifying where appropriate the facilities and non-academic staff support needed for the project to proceed.

The closing date for applications is October 28, 1983. A second closing date for Conference Travel Grants only will be March 30, 1984.

The Chairman and members of the Committee are available by appointment to discuss research projects with staff members.

Further details and application forms may be obtained from Mr. J.S. Boydell (Secretary's Division).

## German Films

The following German feature films will be screened in the Audio-Visual Room between Noon and 2 pm on the following dates:

**October 12**

Deutschlandspiegel, **Damenquartett.**

# NH & MRC fellowship awarded



Dr. O'Connell

Dr. Dianne O'Connell has recently left Newcastle to work in the Department of Biostatistics at the University of North Carolina at Chapel Hill. Dr. O'Connell won an NH & MRC post-doctoral fellowship enabling her to spend two years overseas and one year at the University of Newcastle when she returns.

It is believed to be the first time one of these fellowships, awarded for research related to medicine, has been granted to a statistician.

Dr. O'Connell obtained her B.Math degree with Honours Class 1 in 1979 and obtained a Commonwealth Postgraduate Scholarship to do a Ph.D. in the Department of Mathematics, Statistics and Computer Science, working with Assoc. Professor A.J. Dobson. Her thesis was on measuring agreement between several observers, a problem of particular relevance in medicine where many diag-

noses are made on the basis of signs and systems not directly related to physical characteristics, which can be accurately measured. Similarly, decisions about treatment depend on clinical judgements based on integrating many items of information. Under such circumstances it is of importance to assess the degree of agreement between observers, for example, different doctors who examine the same patients. Dr. O'Connell developed statistical methods for determining the level of agreement when the scale of observation is nominal or ordinal.

During their time overseas, her husband Peter, a Metallurgy graduate of this University, plans to study aspects of environmental engineering at Duke University, also near Chapel Hill. They will live on the campus at Duke.

## Anti-Feminist

In every society that ever existed, a visiting American Professor said at the University, male dominance and male competitiveness could be found.

"Feminists complain about it, but why have things always gone this way? We have to go to the innate biological differences between men and women for the answer."

Professor Michael Levin gave an address entitled Feminism and Freedom at a Department of Education seminar on September 20.

A Professor of Philosophy at City College, New York, he said feminism was an anti-freedom ideology, as demonstrated by the intrusion of affirmative action policies into the workplace.

Professor Levin said that at the core of feminism was the view that boys and girls came into the world with essentially similar abilities and inclinations and that the differences in behaviour which emerged after birth in no way reflected any innate differences.

"In recent years there have been some feminists who seem to allow the existence of

some innate biological sex differences between males and females. They are promptly drummed out of the corps," he said.

"Anybody at this stage of the game who believes that there are not important innate sex differences is in the position of starting to believe that the Earth is flat".

"There are good evolutionary reasons to expect divergence in male and female behaviour. After all, females can reproduce very much less frequently than males. Therefore, it makes good sense that females have invested most of their energies in the care of their young and less of their energies running around doing things that males do."

Professor Levin said there were more men than women in technical fields because men had better spatial and visual abilities. Women were better at verbal skills.

Feminists complained that women were not paid enough and that the government should rectify this situation. However, women did not do the same work that men did.

"In education and other circles we are being brainwashed and bullied about our treatment of women. For

example, 'he' cannot be used anymore in some classrooms. Feminism is coercive and anti-liberal, and efforts to achieve a world in which the roles of men and women are interchangeable will cause tremendous damage", Professor Levin said.

The Dean of the Faculty of Education, Professor John Biggs, welcomed Professor Levin in these terms: "It seems appropriate to paraphrase Pitt the Younger: I abhor your views, Sir; and while I doubt very much that I would be prepared to die for your right to express them, I am at least prepared to welcome you here to discuss them with us".

The Association of Women Employees of the University wrote to the Vice-Chancellor suggesting that Professor Levin's visit was both untimely and unwelcome.

"It is untimely because this University has only very recently accepted that it should be an equal employment opportunity employer.

"Professor Levin supports an outdated philosophy which reinforces myths and stereotypes about both women and men", the letter said.

AWEUN added that it hoped invitations would be extended more often to female academics.



# Platform helps Marine Study

For the last six years Dr. John Fryer has been experimenting with ways of making more accurate measurements underwater, concentrating mainly on stereophotography. Recently, Dr. Fryer, a Senior Lecturer in Civil Engineering and Surveying, took a floating platform which he invented to the Barrier Reef to assist an American professor with his research on coral ecology.

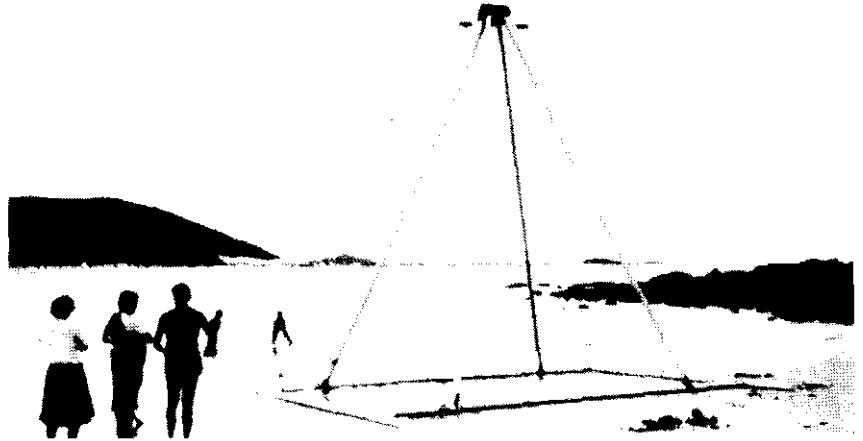
After being designed and built in the Department of Civil Engineering and Surveying at the University, the platform was tested in shallow water at Port Stephens.

The platform embodies features not otherwise available to marine biologists and could play an important part in future research into coral ecology on reef flats. The device permits the photographing of a 400-square-metre area in an hour. It is a very economical system when compared with the traditional method -- sending a Scuba diver down with a tape measure, some waterproof paper and a pencil.

The full equipment used is a 5.5 metre high platform, two radio-controlled cameras and a floating base. The structure's height permits a large area (5 metres by 3 metres) to be covered with every exposure. Two operators move the platform and take the photographs.

Floatation has been achieved by putting the structure on a base made of sealed plastic pipes. Incorporated into the base are six perspex trays, developed to provide a "glass bottom boat" effect and, thus, enhance the clarity of the photographs by eliminating waves and sunlight reflection.

Dr. Fryer has also developed a series of computer programmes to assist researchers to analyse measurements they obtain by means of underwater stereophotography. The Australian Institute of Marine Sciences in Townsville, to which he was attached in an



Dr. Fryer

Outside Studies Programme in 1981, is currently using a "package" of these programmes.

Dr. Fryer's research has been supported by the ARGC for five years. His work in the field of stereophotography has involved him in such engineering investigations as underwater pipelines, the effects of sewage disposal on marine life and monitoring oil rig structures for defects.

Coral ecologists have been attracted to his work in the hope that his techniques can be put to use in their own research.

Last June, Dr. Fryer was contacted by Professor Joseph Connell, Professor of Zoology at the University of California (Santa Barbara), a world-

renowned scientist who is particularly interested in the ecosystems of reef flats.

Professor Connell, who Dr. Fryer calls "an old man of the sea", had a grant from the US National Science Foundation in connection with the study of coral on reef flats at Heron Island.

"Professor Connell has been to Heron Island 28 times in the last 23 years", Dr. Fryer said, "to study the growth of coral around the island. During those 23 years, there have been four major hurricanes and Professor Connell is interested in the effect of these underwater upheavals on the coral".

The floating platform was taken up to Gladstone by road and to Heron Island on a barge. Dr. Fryer and Mr. L. McLardy, of the Civil Engineering and Surveying Laboratory staff, spent eight days on the island surveying and pegging out the study areas on the reef and taking 1,200 photographs. At present, mosaics are being made from the photographs so that Professor Connell can carry out detailed examination of the reef.

Dr. Fryer considers that use of the floating platform technique for through-water stereophotography will open up fascinating areas of marine research.



In the last few weeks there have been three major events on the running calendar.

On September 1 and 2 Albert Nymeyer, David Firman, Craig Hansford, Richard Parbery and Malcolm Roberts competed in the intervarsity Cross Country at Macquarie University. Competition was fierce, with a number of runners from the larger universities being competitive at the national level. Two of our key runners, Albert and Craig, were unfortunately ill during the event. In considerable pain however, they still competed.

Results in the 12km cross country were: Dave Firman 21st, Albert Nymeyer 23rd, Craig Hansford 30th and Richard Parbery 43rd.

One week later, the Mattara 15km Road Race was held in Newcastle. The only University competitor in this event was David Firman. He showed how well he is running at the moment with an excellent 5th placing and a time of 54 mins. 30 seconds.

On September 18 the much-hailed Cooranbong Half-Marathon (21.1kms) was held. The weather was magnificent, and the course a sheer delight. Four University runners competed in a quality packed field, which included the famous endurance runner from Victoria, Cliff Young.



Details of the current sport and recreation weekly programme are:

## TUESDAYS

### Photography

Noon to 1 pm in the Michael Nelson Dark Room, University Union.

### Ladies Musical Keep Fit

1 pm to 2 pm in the Auchmuty Sports Centre.

### Gymnastics

4 pm to 7 pm in the Auchmuty Sports Centre.

## Yoga

5 pm to 6 pm in the Green Room of the Great Hall.

## WEDNESDAYS

### Gymnastics

4.30 pm to 6.30 pm in the Auchmuty Sports Centre.

### Tennis

7 pm to 9 pm at the Tennis Complex.

## THURSDAYS

### Tae Kwon Do

8 pm to 10 pm at the Auchmuty Sports Centre.



### Daily Events:

Putting (Putting Green, beside Tennis Complex), Jogging ("Campus Scamper" trails, starts behind Auchmuty Sports Centre), Racquetball (Pavilion), Squash (Pavilion), Tennis (Tennis Complex) and Weight Training and Fitness Centre (Auchmuty Sports Centre).

Further details relevant to the foregoing may be obtained by telephoning Jock Armstrong, University Activities Organiser, Extension 469 (685 469 external).

The University of Newcastle Women's Softball Club has been reformed and a Grade VI team will enter the local Spring Competition. Intending players and interested parties should report to Felicity Bowman or Tracy Martin at training sessions at the No.2 Sports Oval on Wednesdays between 5 pm and 7 pm.



University Men's Hockey Club finished the season on a successful note, winning the Third Grade Premiership for the second time in the last three years.

The Royals came from third place on the ladder at the end of the minor rounds to defeat Norths convincingly 2-1 in a great second half display, after being down 1-0 at half time.

The Second Grade team was most unlucky to lose the final 14-13, after three series of five penalty strokes. Thirty minutes of extra time had failed to produce a result. The game was marked by brilliant goals from both sides and the score was an unusually high 4-4 at the end of play.

Although other teams in the club had only average seasons, Steve Curran and Don Meldrum played in the Newcastle District side which won the State Championships at Bathurst.

## Rugby Club's Annual Dinner - 1983

will be held at the

THE NEWCASTLE RUGBY CLUB

on

SATURDAY, OCTOBER 15

Guest Speaker: **MR. BARRY BRACWELL**, distinguished New Zealand coach and coach of The World XV in 1981.

Drinks: 6.30 to 7.15 pm

Cost: \$20 undergraduates, \$25 others

Cheques may be sent to Bernie Curran, Department of Classics. For further details please telephone Extension 604.

# Education's Research Centre



Dr. John Shea, of the Psychology Department checking video tapes in the CRRC.

A little known facility of the University is the Department of Education's Curriculum Resources and Research Centre.

The Department established the Centre in 1974 to provide laboratory/workshop/resource centre for students studying for professional postgraduate courses in Education. Modelled on both Teacher and School Resource Centres developed in the United Kingdom, United States of America and other parts of Australia, the basic purpose of this Centre is to provide a relaxed atmosphere for the creation and use of a collection of teaching resource materials for both primary and secondary schools.

The CRRC is controlled by a committee of the Department of Education, which formulates policy. Full-time staff of the Centre are the Supervisor, Dr. Gerard Guthrie, and Mr. Ron Secrett, Laboratory Assistant. Part-time staff are Mrs. Julie Keating, Graduate Library Assistant, and Mrs. Paulette Hoshcke, Office Assistant/Typist.

## "HEAT AND DUST"

Anne (JULIE CHRISTIE), a modern young English woman is intrigued by the mysterious and scandalous past of her great aunt, Olivia (GRETA SCACCHI), who as a young bride in the 1920s joins her handsome husband Douglas (CHRISTOPHER CAZENOVE) at his post in India. Olivia tries to fit into the rigid life style of the Indian civil service - "The Heaven Born" as they were called - but finds she's drawn inexorably into the romantic and luxurious enchantment of an India where power, violence, and passion overshadow the facade of British ruling class respectability. Her seduction is completed by the charming and outrageous Prince of the State, The Nawab (SHASHI KAPOOR), to whom she eventually abandons herself.

Anne explores all available documents and reminisces with the Nawab's best friend, Harry (NICKOLAS GRACE), now a very old man, and then journeys to India - much different today than in the days of the Raj, yet she finds strange parallels between her experience and Olivia's. She, too, is seduced by India and even manages to cope better than an intense hippie, '60s throwback Chid (CHARLES McCAUGHAN) who is forced to give up his rigorous Hindu endeavours for the comfort and safety of home. Anne's enchantment leads her, too, into a love affair. Inder Lal (ZAKIR HUSSAIN) is the head of the family she stays with, and he consummates her total commitment to India. Inevitably she traces Olivia's steps into the hills submitting to the same timeless bewitchment.

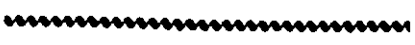
Heat and Dust will be screened in B01 on October 13. Bookings can be made at the Union Shop.

## Awards at HGSA

University of New South Wales student, Carol Lazer, has won the prize for the best presentation by a higher degree student for the paper entitled **Immunity to Cancer - a Lateral View** and the prize for the best presentation by an honours student has been awarded to Mr. Darryl Perkins, of the University of New South Wales, for his paper entitled **Difficulties in Marrow Transplantation Experiences with Mice**.

The Human Genetics Society of Australia (NSW Branch) held its Spring Scientific meeting at the University of Newcastle. The second held in Newcastle, the meeting was convened by Dr. Don Angus, of the Department of Biological Sciences. As an innovation the emphasis was placed on student presentations. An entire session was devoted to papers presented by students enrolled for honours and higher degrees. In all nine papers were heard and a prize awarded for the best presentation.

A total of 45 participants gathered for the presentation of 25 posters and papers. An additional highlight of the meeting was the address entitled Genetic Engineering in Human Populations by Professor G. Kellerman, Dean of the Faculty of Medicine, University of Newcastle.



# BRIEFS...

The next effort of the Friends of the University will be the Second Pottery Exhibition and Sale, planned for the Great Hall from March 16 to 21, 1984.

Anybody wishing to participate can obtain entry forms by contacting Mrs. W. Kellerman either through Professor Kellerman's office in the Faculty of Medicine, or by writing to or telephoning Mrs. Kellerman, C/- 87 Maddison Drive, Adamstown Heights, 2289, (43 0732).

Dr. B. Dawson, of the French Section, Department of Modern Languages, is one of three Australian scholars who have been awarded grants-in-aid by the Australian Academy of the Humanities.

The grants-in-aid are made for short-term overseas study in 1983-84.

University of Newcastle Women's Group will hold a Pot Luck Dinner in the Purdue Room of the Great Hall on October 14. Drinks will commence at 7.30 pm. Guest Speaker: Brent McGregor, Artistic Director of the Hunter Valley Theatre Company. All are welcome to attend.

On October 5 at 1 pm Dr. Colin Keay, Assoc. Professor of Physics will give a seminar entitled: **The GUTs of Physics Beyond the Quark** in Room G12, Ground Floor, Physics Building. All interested persons are welcome to attend.

Will the retired Professor who is doing work on tropical cyclone tracks please contact Peter Fletcher, Williamtown Meteorology Office 28 6588 to obtain his notes, which he left there. A Bureau of Meteorology publication must also be returned.

## Advertisements

### For Sale

CLASSICAL RECORDS -- Bach, Beethoven, Mozart, Haydn, Dvorak, Grieg, etc. All are in excellent condition. Going price \$3 each. Interested persons are requested to telephone 51 5219 for complete listing.

VISCOUNT ROYAL ALUMINIUM ISLAND BED CARAVAN. Features include: Sink, Stove, Fridge, Plenty of Cupboard Space. This caravan is in reasonable condition and is most suitable for one or two persons. Unfortunately this caravan is not registered. Asking Price: \$1,500. All interested persons are requested to telephone 69 4508 during business hours.

YURTS ("non arctic igloos"), or material to build them. A cheap way of enlarging your home. For further details please telephone Barbara or Jack at 59 4975.

### Wanted to Buy

Playback table tennis table in good condition plus a set of World Book Encyclopaedia from 1975 onwards together with Year Books. If you are able to assist please telephone 46 9248 day or evening.

### To Let

Two bedroom home in Merewether overlooking the ocean for six months commencing November 1. Rental: \$100 per week. Interested persons are requested to telephone 63 4011.

Two roomed furnished unit in Merewether, close to ocean. \$95 per week. Availability about November 1, 1983. All interested persons are requested to telephone Richard Keiman at 63 4870 or telephone Extension 614.

## SMOKING

The National Heart Foundation will present a talk on:

### SMOKING AND HEART DISEASE

In the

### READING ROOM

University Union

on

OCTOBER 4, at 1 pm

All interested members of the University are welcome to attend.

## Mementoes



The University Women's Group is now offering souvenir, or gift, wine glasses bearing the University's crest and a drawing of the Union. If you wish to order the glasses, which cost \$2.50 each please telephone Mrs. Sue Deamer at 43 0306.