Amalgamation

The proposed integration of the Newcastle College of Advanced Education into the University remains a vital issue. Two meetings and an interview with the New South Wales Minister for Education, Mr. Landa, will shortly be held to consider the matter. A special meeting of the Council will be held on September 18 at 2 pm to consider a report of a committee of the University vacation.

Professor to leave University

Professor Brian Anderson, the University's Foundation Professor of Electrical Engineering, has resigned. He plans to take up his new appointment - the Chair of Systems Engineering at the Australian National University in Canberra - during the next long university vacation.

Professor Anderson's new Chair will be established within the Research School of Physical Sciences, one of five schools forming the Institute of Advanced Studies at ANU. The new position is the first in a new Department of Systems Engineering which will primarily cover the fields of Control Systems and Signal Processing, which are his chief interests at this University. His Department will be composed of academics (six), Visiting Fellows, post-doctoral fellows and support staff.

Council which has assessed the relationship with Newcastle CAE.

Representatives of the student associations at the University and the Newcastle CAE will hold a special meeting to identify problems that might have to be jointly faced if the amalgamation proposal is implemented. The meeting will be held in the Auchmuty Room in the Union on September 22 at 6 pm.

The Warden of Convocation, Mr. Philip Miller, reported to Standing Committee of Convocation on September 10 that Mr. Landa had agreed to receive a deputation from Convocation to hear Convocation's views on the amalgamation proposal. Mr. Landa, Mr. Miller said, was willing to meet Convocation in the first two weeks after the State election on September 19. Convocation decided on August 18 to oppose moves to enforce a merger of the University and the CAE.

Professor Anderson said that he was currently considering the appointment of further staff for his Department. He said that because of the large amount of time provided for research and the strong financial backing given by the Federal Government, the Institute of Advanced Studies at ANU had attracted many fine scholars, and thus was one of the major research schools in Australia, and an extremely exciting environment in which to work.

Professor Anderson, aged 40, goes to ANU from a Department which had its origins in the days of Newcastle University when full-time undergraduates in Electrical Engineering had to do the final years of their degree at the University of New South Wales in Sydney.

He took up the Foundation Chair of Electrical Engineering at this University in February, 1967. At that time there were only four existing members of staff in the Department. John Moore, now Professor of Electrical Engineering, was a newly appointed Senior Lecturer.

Professor Anderson said that staff numbers in the Department had almost doubled since then, whilst student numbers had more than doubled. The high reputation enjoyed was mainly due to the work of a number of individuals who had received several honours and awards and considerable support for research and with whom he had been proud to be associated. The Department of Electrical and Computer Engineering drew many top students and international visitors.

Professor Anderson said that he saw no reason why the Department could not continue to prosper, provided that it receives appropriate support from the administration.

Professor Anderson holds B.Sc. and B.E. degrees in the University of Sydney, each with Honours Class I, and obtained University Medals in Science and Engineering. Stanford University in California awarded him a Ph.D. in 1966. As a Fellow of the Australian Academy of Science and a Fellow of the Australian Academy of Technological Sciences he is one of a very small group of Australians to have been recognised by the senior academies. He is also currently a member of the Australian Science and Technology Council (ASTEC).
Letters to Editor

Dear Sir,

I am writing to advise fellow academics and students who use the University's computers that a public nuisance is among us. On Wednesday, September 9, someone gained access to my account and deleted all the files thereon, leaving in exchange the following message:

"You stupid bastard. You let me into your account. To teach you a lesson I erased your files. Just remember, big brother is always watching you!"

Fortunately the files could be retrieved from back-up storage in the Computing Centre.

G. N. McIntyre,
Lecturer in Geography.

The Director of the Computing Centre has offered the following comment on the matter:

This lapse in security may have been the result of negligence on my part (with terminal or password), or terminal malfunction, but the cause does not matter; this sort of action is nothing less than computer crime. I intend to turn this experience to good use, both as a lesson in personal security on terminals and as a teaching aid. Students in our Department will henceforth benefit from photocopies of this nasty text. It is, of course, too much to hope that its graceless author will claim copyright.

Claude Cassegrain

Re: Integration of CBE into University

I wish to record my support of the resolution taken by Council on this matter, as summarised in Vol. 7 No. 15 of the News. I believe that the University has a different function to that of a College of Advanced Education. I support the costly yet long-term benefits society receives from Universities as Universities.

A. Brand,
Department of Sociology.

Dear Sir,

According to recent newspaper reports Dr. Quickenden, the staff's representative on the Council of the University of Western Australia, has sharply protested against certain attempts at re-organisation over there. One of the questions he asks in a paper on this topic is "Is there a relevant习俗 to us as well. "Should we not make a very vigorous effort," says Dr. Quickenden, "to re-invest the university with the 'community of scholars' ideal in place of the 'company management' model which has become so sadly evident in Australian universities in recent years" (The Australian 9/9/81).

It is a curious phenomenon which, I have little doubt, Dr. Quickenden will have had occasion to observe at first hand over there, that the community of scholars' ideal is often dismissed on the basis of either of two attempts at its identification, both equally misleading. It is either said that we are dealing here with a totally outmoded and inapplicable medieval model of university life or that such ideals belong to the similarly unrealistic lore of vintage 1968 student radicalism. By contrast it is held that the relatively authoritative and hierarchical model of university organisation, or what Dr. Quickenden calls the 'company management' model as we can observe for instance in our University today, goes back on old and well-established British practice.

That such claims are historically inaccurate becomes readily apparent when we look at the fate which befell the attempts of both the Royal Commission of 1852, which was called by Lord John Russell, and the Oxford Commission of 1877, to increase the power and the status of the professoriate at Oxford. Arthur Engel (from whose fascinating article 'Emerging Concepts of the Academic Profession at Oxford 1800-1854', I am quoting here) tells us how the plans of these commissions stranded on the determined resistance of the tutors and the so-called Hebdomadal Board. The commissioners' proposal to establish a hierarchically organised profession of academic men was scorned by the newly founded Tutors' Association as a plan which, if instituted, would destroy the independence of thought among the equal members of an intellectual republic, to make way for the energetic rule of an official despotism'.

The Commission's most important witness, the famous Dr. Pusey, showed himself as vociferous an 'opponent of German ideas of professional finance' as less distinguished tutors. All witnesses, says Engel, were unanimous in their dismissal of any plan which would make the professors as a class into the rulers of the University. It is important to note that the resistance against these plans was not inspired by new-fangled radical ideas but by the values enshrined in the existing collegiate system.

The historical roots of the 'company management' model of university government are, I would like to suggest, not to be found in Britain but in an American development of certain German practices and principles. It is ironical that in Germany itself (and in many places in the USA) university government has assumed a different form now and is much closer to the 'republic of scholars' ideal than is the case over here.

Recent events in this University have shown that we, at least, are far removed from this ideal. One hundred and thirty years ago, called 'the energetic rule of an official despotism'.

P.S. Regards to all my friends.

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Delegation from Oman

A small delegation from Oman, the first in Sultanate in the Middle East, visited the University on September 8. The visit was part of visits being made to universities and colleges to open opportunities for Omani students to study in this country. The delegation comprised Sheikh Amer Ali Omair, Under Secretary, and Mr. Darwish Eldok Hassan, Director General of Administration and Education of Education of Oman. Mr. R.L.B. Neame. They were interested to know that the Faculty is a member of the Network of Community-Oriented Education Institutions for Health Sciences, through which organisation it has developing links with the Ministry of Health in Bahrain, with which Oman, too, has a close relationship because of mutual interest in the developing Gulf University.

In the Faculty of Medicine, the Omani delegation spent an hour in an interesting discussion with the Dean, Professor D. Maddison and the Deputy Chairman of the Undergraduate Education Committee, Dr. R.L.B. Neame. They were interested to know that the Faculty is a member of the Network of Community-Oriented Education Institutions for Health Sciences, through which organisation it has developing links with the Ministry of Health in Bahrain, with which Oman, too, has a close relationship because of mutual interest in the developing Gulf University.

Professor Maddison said the visitors were given a moderately detailed briefing about the education programme mounted by the Faculty of Medicine, and the Faculty's current research efforts. Moreover, the requirements of professional engineering bodies were discussed, touching on the relationship between Australian and United Kingdom qualifications.

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Support for positive outlook

The work of the Positive Initiatives Committee of Council has gained the support of University staff. Seventy-nine ideas have been brought to the Committee to date following circulation of a letter from the Chairman, Professor C.D. Ellyett. The Committee has been heartened by the number of suggestions received, in particular because they represent a wide area of the University. At the PIC's meeting on September 8, only 30 per cent of the ideas could be considered. The balance will be brought before the Committee at its meeting on October 6 or subsequent meetings. The Secretary to the Committee, Mr. S. Bondell, has divided the ideas from the staff into the following categories:

- Fund raising proposals.
- Money-saving proposals.
- Business ventures.
- Ventures calling for expenditure.
- Proposals for improved public relations/publicity.
- Ways of increasing student numbers.

The careful consideration will be given to all the ideas. If they are supported, implementation will be achieved either by the Committee itself taking action or by referring the ideas to officers of the University or groups inside or outside the campus.

Naturally, the University will not be able to carry out all the suggestions, but the reasons will be explained to every individual who put forward an idea.

Professor Ellyett said the following suggestions were a cross-section of those from staff that were being considered already:

- The establishment of a small University of Newcastle Press.
- The setting up in Newcastle of an exhibition centre to promote understanding of the basic principles underlying the Arts and Sciences.
- The provision of academic speakers to community groups.
- That Heads of Departments which share accommodation in individual buildings give consideration to pooling photocopy expenditures so that high quality photocopiers might be obtained.

A cost-benefit analysis could be carried out to see whether the use of electric hand dryers in toilets rather than paper towels would save money.

The expansion of the ABC's coverage of current research at the University.

Professor Ellyett explained that following a visit by Dr. John Chalisi, Director of Science Programmes (Radio) for the ABC, arrangements had been made for Mr. Robyn Williams of

Professor Clif Ellyett

the radio programme, The Science Show, to record some material at the University. As the ABC was also interested in reporting the first meeting of the Task Force of the World Health Organisation at the University from October 13 to 18, Mr. Williams' visit would be held during that period.

Appointments

Miss M.L. Channon, Junior Office Assistant/Typist, Department of Biological Sciences. Mrs. M. Davis, Senior Gardener Librarian. Mrs. N.J. Morrow, Stenographer/Secretary, Head of the Department of Legal Studies.
WHO Task Force meets at University

In the period October 13 to 16 the University will be the location of a meeting of a new Task Force set up by the World Health Organisation to cover community-oriented medical schools in Japan, South East Asia, Papua-New Guinea, Australia and New Zealand. The University will host representatives of medical schools and public health bodies from Japan, Bangkok, Kuala Lumpur, Manila, Auckland, Port Moresby, Jakarta and Australia, as well as international consultants from The Netherlands, Bahrain and Switzerland.

The Task Force was set up by the WHO from members of its network of innovative community-oriented medical schools to explore the most effective internal organisation for a faculty of medicine and the most effective forms of organisation which will link the "health manpower" and "health service" sectors to the mutual advantage of both parties.

A meeting of the Task Force in Newcastle will be opened by the Federal Minister for Health, Mr. Mackellar, after the Dean of the Faculty of Medicine, Professor David Maddison, delivers his opening remarks. Dr. T. Fulop, Director of the Division of Manpower Development, WHO, Geneva, will also speak at the opening.

The Faculty of Medicine is the sole Australian member of the WHO's network of innovative community-oriented medical schools.

The international consultants at the meeting will include Professor Harmen Tedens, of the University of Tilburg, The Netherlands, and Professor Lindsay Davidson, of the Commonwealth Institute of Health, Sydney University.

Dr. Jean-Paul Menu, Regional Adviser in Health Manpower Development, WHO, Manila, and Dr. Rashid Fulayfil, of the Ministry of Health, Bahrain, will be among the participants. To meet the cost of the meeting the World Health Organisation and the Australian Development Assistance Bureau will provide funds to support funds from the network of innovative medical schools.

Professor Maddison, Professor R.L. Clancy and Dr. R.L. B. Neame will represent the Faculty of Medicine and the Vice-Chancellor, Professor D. George, will give a welcome to delegates in the Staff House.

LECTURE by MUNGO MacCALLUM

POLITICAL CORRESPONDENT IN CANBERRA FOR NATION REVIEW

Next in the Convocation Lecture Series

You are cordially invited to attend a lecture by Mungo MacCallum in the Staff House on Friday, September 25 at 8 pm on the topic: The Role of Liquor in Politics.

Our visitor has strong links with universities. He is the fourth MacCallum to have been given the name Mungo. One of these ancestors, Sir Mungo I, was Vice-Chancellor. Deputy Chancellor and Chancellor of the University of Sydney and his father, Mungo III, is well-known as a war correspondent and television commentator.

A graduate of the University of Sydney, Mungo IV worked on Journalism in England before joining The Australian. He served under Adrian Deamer who, according to many journalists, was the most distinguished of The Australian's editors.

By the early 70s Mungo was on the staff of Nation Review, which, he says, covers the gossip and rumours of politics - aspects which are not being covered by the establishment press.

Mungo says that a lot of Australians think politics are deadly dull and too complicated to understand, partly because of the way it has been reported in the past, partly because of the politicians themselves and partly because of the isolation of Canberra, and he is trying to get more people interested in politics.

He is the author of Mungo's Canberra and a companion volume of articles, Mungo on the Boo Trail. A book reviewer wrote of the latter book:

"MacCallum's writing is gutsy and irreverent... it has been able to develop very successfully a rich vein of comic possibility."

Mungo's Convocation Lecture on the topic, The Role of Liquor in Politics, offers scope for "comic possibility".

Supper will be provided afterwards in the Staff House.

Mungo MacCallum asks a question at the National Press Club
The Random Thoughts of an American Sojourner in Newcastle

Professor Edwin M. Epstein, Professor of Business Administration, University of California, Berkeley, recently spent a brief period at the University as the first Jayes/Qantas Fellow. He provided these "random thoughts" before he left the campus.

The Newcastle area is beautiful - all the more surprisingly so when one considers the heavily industrialised character of its economy. The beaches, ocean, cliffs, vistas and suburbs, with their tile-roofed homes, are quite stunning. The preservation of open space - parks, reserves, its ovals, gum trees and bush - is most attractive and commendable. The Hunter Street Mall and Market Square are quite pleasant, enhanced by their period architecture and the absence of high-rise buildings.

The weather this time of year is reminiscent of the San Francisco Bay (California) area, where Berkeley is located, which means it can't be beaten.

The pride of Newcastle people in their country and their region is obvious and reassuring. One sees it from the newspapers, from the construction which one sees throughout the area and from the optimism which permeates every conversation with residents about the future of Newcastle and the Hunter.

Members of the business community, the trade unions and the general populace have every right to share in the bright future and an obligation, each in his own way, to contribute to it.

The Hunter Valley is a gem - it reminds me greatly of our superb vineyard area in Northern California, the Napa Valley. It is truly a regional and national asset, not merely for the bountiful harvest of fine wines and other agricultural products, but for its scenic attractions and way of life. People of the area should cherish it and preserve it. Similarly, Lake Macquarie and the Port Stephens area are exquisite.

All this triggers yet another thought; there are in an area of boom. Most attention is paid to growth and development - new jobs, new industry, new wealth for New South Wales. Well and good! I would hope, however, that equal thought will be given to preservation of the best of the present, to conservation of the physical and aesthetic resources which are here rather than in the rush to bring in the new, to industrialise and to expand, that you retain the best aspects of what you currently have - a beautiful area, a safe, comfortable and clean setting, an ethos of wholesomeness, congenial to raising a family - in short, a good place in which to work and live. I hope that when I next come to Newcastle and the Hunter Valley that the clean beaches and blue-green waters of the Pacific remain; lush hills overlooking and the city are intact; one can still walk and ride with ease in Newcastle; clubs, schools and churches still daunt; concern with the quality of life and "mateship" isn't replaced by an emphasis on the quantity and material abundance of life; the agricultural richness and scenic attractions of the Hunter have not given way to block upon block of plant and factory, housing subdivisions, express road stations and mines. I assure you I am not anti-growth; growth is essential and will and should come. I just hope you will observe the American experience of the past century and not make the mistakes we did on our way to economic development. There is no point of re-discovering the wheel of economic expansion and attendant environmental degradation. It appears to me that there has been greater sensitivity to this matter in New South Wales than there had been, until recently, in the United States.

Much careful and co-operative planning by business, labour, government and other community constituencies will be necessary to do the developmental job and to do it well. This co-operation in planning will in turn require considerable goodwill, a goodwill which, frequently, I gather, is lacking here in New South Wales in common with the rest of the country. If the creativity I have seen evidenced in business entrepreneurship, particularly in the marketing aspect, which has been watched in the industrial development field, the future of your country and of this region is indeed bright.

One aspect of life in Newcastle - and Australia - has been disquieting to me. I refer to the extensiveness and intensity of industrial conflict. From my room at the Telford Motel, I can count each morning the number of ships at anchor offshore. These vessels are aesthetically pleasing on the horizon, particularly at night, when their lights glisten. They are, however, symbols of industrial contentiousness which can endanger the region's economic well-being. Similarly, the question of the third coal loader and its implications for Newcastle, of jobs and contracts lost from New South Wales as a result of "industrial action" past and promised give evidence of a need for the formulation of a "social contract" in the interest of the whole society.

I write these words in a completely non-partisan spirit. After such a brief stay in your country I feel that cooperation with any single or combination of political or economic interests and my comments should not be construed in any advocacy fashion. They are surely not intended in that way. It would be bad taste in the extreme, moreover, for me to take sides in Australia's internal affairs.

As to the University, I have enjoyed my stay here greatly. It is a beautiful campus, reminiscent of the wooded greenery of a number of University of California campuses. The architecture is tasteful and creative. My colleagues in Legal Studies have been exemplary hosts and have included me in their professional and personal activities during the course of my visit. They are concerned and serious teacher-scholars, knowledgeable, with a strong sense of academic responsibility and demonstrating intellectual vigour. I sense on their part a strong desire to consolidate and enhance the international reputation of the "Uni," particularly at a time when it appears it will have to grapple with the question of consolidation with the Newcastle College of Advanced Education.

I am most appreciative of the generosity of Jayes Travel Service Pty., particularly its President, Jim Jenkins, and of Qantas, through its Regional Manager, Grant Pitman, for funding the Jayes/Qantas Fellowship which has made my visit possible. I also wish to thank the Vice-Chancellor, Professor D.W. George, and Professor Kevin E. Lindgren, Head of the Department of Legal Studies, who extended the invitation to me on behalf
of the University. My only regret is that academic obligations at Berkeley preclude my stay here from being even longer. Hopefully, I shall be able to return in the near future for an extended period.

I have written these words in the spirit of an American cousin - a distant relative, but kin none the less - who has fond feelings for Newcastle and envisions, admires the best aspects of your society and wishes to see them preserved. Hopefully, my perceptions bear some reasonable relationship to the reality experienced by permanent residents of the area.

I do hope you will not consider these comments to be presumptuous and inappropriate for an outlander Yank but recently arrived in your country.

**VISITING**

Academic life while they are visiting here is stimulating and busy for Senior Fulbright Scholar, Carroll White, and his wife Dr. Charlotte White. Both are Psychologists from the University of California, San Diego, who are here for a six months period.

Before the Whites leave for the end of the year they expect to gain considerably from research in the Department of Psychology, as well as from seminars here and at several other Australian universities. In California at the UCSF School of Medicine, Carroll is Clinical Professor of both Paediatrics and Ophthalmology and Charlotte is Adjunct Assistant Professor of Paediatrics.

The special research interest of Carroll White is in electrophysiology of vision and the study of brain waves activated by visual stimuli, the "Visual Evoked Potential". "The ongoing electrical activity of the brain, which physicians record as EEGs or electroencephalograms, is briefly altered in specific ways by what we see, hear or touch", he says.

Carroll is interested in the Visual Evoked Potential since it contributes to both basic scientific questions and to practical medical Services. He has been a pioneer in both the scientific work and in promoting the medical implications. Currently the Evoked Potential has become standard procedure contributing to diagnosis in Ophthalmology, Audiology and Neurology.

**FULBRIGHT**

In recent years Charlotte White has been studying effects of prematurity and intensive care of newborn infants. Her husband has collaborated with her on one aspect of her work, observation of the visual system while the infants are in the newborn intensive care nursery, using the Visual Evoked Potential.

"I developed a programme of systematic examinations of babies after they are discharged from the intensive care nursery. Our goal was to provide continuing Special Care, as needed, for both parents and children", she says.

While accompanying her husband to Australia, Charlotte is writing about this work. During her stay here she has been invited to join the teaching staff in the Department of Paediatrics at The University of Newcastle so that she can participate in Paediatric Seminars in the Medical School. She has also been invited to talk about her work in several major medical centres around the country.

Carroll White's programme provides mainly for his attachment to the Department of Psychology and basic Visual Potential research in association with Assoc. Professor B. Fenelon. However, under the terms of his Fulbright appointment he will also spend some time travelling to other universities. Charlotte expects to travel with him and to visit medical centres at that time.

He says: "There is now wide interest in the many types...
SCHOLARS

of scientific investigations possible using the Auditory and Somatosensory Evoked Potentials as well as the Visual
concerned, the pattern of the brain waves varies according
to the nature of the stimuli; for example, a flash of light, a chequerboard, a group of circles, or colour. We have
found that a red flash produces an entirely different wave from a blue flash; also that a pattern presented in
sharp focus gives an entirely different response from that produced by a blurred pattern.
So, he says, it is possible to employ the Visual Evoked Potential to determine if
the sight of a very young baby is impaired. The babies, of course, are too young to be able to tell anybody about
their difficulties.
"For a long time", he says, "visual perception was investigated only in terms of
a person's verbal behaviour, or what was observed as his, or her, response to stimuli. Now, much more is known about
how the brain does its processing, thanks partly to the basic Visual Evoked Potential re-
search in Psychology".

Student Elections

Elections for the senior positions on the Executive of Newcastle University Students' Association - the Students' Representative Council - in 1982 will be held soon.

Students will be invited to vote for the two paid positions on the SRC, President and Media Officer, and the positions of Secretary, Treasurer and AUS Secretary.

The maximum wage for paid officers of NUSA is 120 per cent of the Henderson Poverty Line.

The President is the official spokesperson of NUSA, and, among other things, supervises the work of the officers and is a member ex-officio of all standing committees and sub-committees of the SRC.

The Media Officer prepares and supervises Opus, the student newspaper, and other student publications.

Margaret Kavanagh is the current President and Mark Mordue is Media Officer.

Nominations for the five positions will be received at the SRC Office in the week beginning September 14 and, if elections are necessary, they will be held from September 22 to 24.

The University of Michigan has developed computing software to handle various models for analysing biomedical data.

One of the benefits of Professor Richard Landis' visit to the Department of Mathematics will be learning how to develop such software. Professor Landis was awarded his Senior Fulbright Scholarship to carry out research in the general area of medical statistics while at the University of Newcastle.

A special research interest of Professor Landis is the development of statistical methodology for the analysis of multivariate categorical data.

Professor Landis, who is from the Department of Biostatistics, School of Public Health, in Michigan University, is here for ten months.

Collaborative epidemiological and medical research projects which he has been involved in are:

- Risk factor models for obstructive airways disease.
- Analysis of data from the National Health and Nutrition Examination Survey, and
- A prospective study of resuscitated sudden death victims.

At this University he will be assisting with analyses of risk factor data and heart disease mortality in Australia. His collaborators in this work are Dr. A. Dobson and Dr. R. Gibberd, of the Mathematics Department, and Professor S. Leader, of the Faculty of Medicine.

Richard will also take part in the Clinical Epidemiological Workshop from December 7 to 13, and give a course for Honours and the Diploma of Medical Statistics students.

Jean, his wife, has been involved in a reading comprehension project at the University of Michigan and hopes to carry on related research while at Newcastle.
Survey encourages hostels

In initial negotiations with bodies wishing to establish accommodation for construction workers, Mr. Collins says there is a need to insist on high standards. In the many communities which he had visited, council officers had expressed concern that their Councils had not anticipated correctly the large number of workers which were associated with general infrastructure projects. For example, Gladstone City Council expressed concern that caravan parks were too crowded and under-equipped for the residents' recreational needs.

Mr. Collins says that no Council officer had stated that hostels destroyed real estate values in the local vicinity.

On several occasions people had commented that social problems were no more prevalent in hostels for single employees, but they were much more visible.

Turning to the impact on others, Mr. Collins says that if special accommodation is not provided for construction workers some will be willing to pay quite high rents for substandard accommodation. The impact on low and middle income groups who currently rent their residences will be dramatic.

The investigator came to the conclusion that the greater the degree of assimilation possible between workers temporarily in Singleton and the faster a high degree of assimilation is achieved, the fewer the chances of social disruption occurring. If a community such as Singleton wishes to properly house large numbers of construction workers, it should aim at providing the widest possible range of styles of accommodation.

As for the question of which sites are best for hostels in Singleton, Collins has recommended that the Council not insist that hostels be placed on the sites of the construction projects.

Some other points to emerge from his report:

- Trees and shrubs should be planted immediately permission is granted to erect a hostel, to screen it from public view.
- Hostel designs should provide for television viewing, newspaper deliveries, telephones, mail deliveries, air-conditioning, if possible a bank, washing machines and clothes dryers, a liquor licence if the hostel is far away from a public bar, and other kiosks, sell liquor, operate bus services and provide sub-contracting services to the hostels.

Singleton Municipal Council agreed in principle to the recommendations in Mr. Collins' report.

Book Release

The Members of the Orchestra, a selection from the entries of this year's Mattara Poetry Prize, has just been published by the Department of English. Priced at $5.60, it is available at the Co-operative Bookshop on campus. The Mattara Poetry Prize, embodying the New South Wales Poetry Competitions, was sponsored by the Hunter District Water Board, which provided $500.

Dr. Paul Kavanagh, Lecturer in English, read a selection from the entries, including the judging, as well as the publication of The Members of the Orchestra.

The President of the Hunter District Water Board, Professor A. Carmichael, announced the winners, presented the prizes to the winners, and the judges, Professor A.D. Hope, Professor G.A. Wilkes, and Dr. Kavanagh, at a special function at the Board on September 30.

The prizes for the National competition were awarded to Kevin Hart and Les Murray. The Junior award went to Brad Bailey and Andrew McDonald.

Thanking the Water Board, Dr. Kavanagh said that more than 300 previously unpublished poems had been entered in the Mattara Poetry Prize. As the quality of most was excellent, it had been a hard job to distinguish the two winners from the others.

Professor Carmichael assured those at the function that the Water Board, having taken part in the Mattara Poetry Prize, would continue to offer prizes in the future. The poets whose entries were selected for publication in the book are: Geoffrey Dutton, Tony Fitzgerald, Kevin Hart, Andrew McDonald, Elizabeth Lawson Marsh, Les A. Murray, Mark O'Connor, Geoff Page, Marc Radzyn and Chris Wallace-Crabbe.
Professor Brian Fraser, Associate Professor in Physics, was a participant in the International Association of Geomagnetism and Aeronomy’s Symposium in Edinburgh, Scotland, from August 3 to 15. Professor Fraser presented an invited review paper on The Generation and Propagation of Pc 1 - 2 Waves in the Magnetosphere. Work undertaken by Professor Fraser and other workers while he was on study leave at UCLA in 1980, utilizing magnetic field and particle data from the USA geostationary satellite ATS-6, was recounted in the paper.

As Chairman of the IAGA’s Working Group on Ultra Low Frequency Pulsations, he conducted two business meetings, attended by some 55 scientists from 18 countries, including the USA, UK, USSR and the People’s Republic of China.

Professor Fraser is also a member of the Pulsation Working Group of the joint NASA/European Space Agency International Sun Earth Explorer spacecraft mission. The group conducted a workshop at Edinburgh.

The ISEE mission comprises three spacecraft, two closely following each other in an equatorial highly eccentric orbit and a third upstream of the earth in the solar wind. The aim of the group is to investigate the spatial structure of geomagnetic pulsations in space by studying individual pulsation events. Professor Fraser has responsibility for magnetic field data for two of these events, which have been made available by Dr C. Russell of UCLA.

On his return journey Professor Fraser spent two days at Imperial College, London, attending an ISEE Vortex Pulsation Event Workshop and a week at the Space Science Centre of the Institute of Geophysics and Planetary Physics at UCLA. Here he worked on ISEE magnetic field data. This research will be continued at Newcastle.

Partial financial support for this trip was provided by IRAC.

An exhibition of metal sculpture was held recently in the Library forecourt. The sculptures were made by Second Year students from Architecture as a project in their visual studies subject. In addition to the requirements for the sculptures to enhance the forecourt and to give pleasure and delight, the students were asked to make sure that the sculptures were safe, did not obstruct the movement of people across the forecourt and could be installed without damage to the forecourt or the environs. The fabrication of the works had to be either carried out by the students themselves or with the assistance of the Departmental craftsman Jeff Richards.

AV PRESENTATION UNIT
CAVSU has taken delivery of a Kodak AV Presentation Unit, which will be made available to staff as an aid to teaching.

To demonstrate the abilities of this interesting audio-visual unit Mr. Bede Jordan of CAVSU will have it on display in the foyer of the Auchmuty Library on September 23 at the following times.

10 AM - 1 PM - 3 PM

He will also advise members of the staff how they might use the unit as part of their activities.
New Society

The Society of Friends of 2NUR-FM was formed recently. It is a group of people, most of whom are from outside the University, whose common concern is to raise funds to provide alternative radio broadcasting in Newcastle and the surrounding area.

Earlier this year, the inaugural meeting of the Society elected the following to the committee:

- President, Bill Jones
- Secretary, Henk de Jong
- Treasurer, Iris Smith
- Other committee members, Geoff Grainger and Brian Fennell

All those who subscribe to the programme guide are automatically members and can come along to meetings which are held in the Mathematics Common Room from time to time.

Not all the meetings are concerned with raising funds; another object is to get the people together for enjoyment, such as the barbecue held at the end of June.

However, the current project is the guessing competition. The prize is an Avanti stereo system by Pioneer, worth $1,500. The winning ticket will be drawn by the Lord Mayor, Ald. Joy Cummings, on December 11. Tickets are just $1 each or $10 a book.

Over the next few weeks the Society hopes to have someone knocking on your office door with tickets. Why not beat them to the punch and come up to the station and get your tickets there; meet some of the presenters and have a look around.

New FAUSA Executive

The new President of the Federation of Australian University Staff Associations (FAUSA) is Adrian Ryan, of Sydney University. He replaced Dr. Peter Darvall, who retired from the Presidency after a two-year term of office. FAUSA is the national academic staff association covering more than 8,300 members in Australian universities.

Dr. Ryan, 48, is a Reader in the Department of Pharmaceutical Chemistry at Sydney. He is also President of the University Academic Staff Association of New South Wales, and of the Sydney Association of University Teachers.

Dr. Ryan is also a part-time member of the National Health and Medical Research Council Sub-Committee on Food Science and Technology.

Dr. Ryan heads the new FAUSA executive, which was elected at the FAUSA Annual Meeting in Melbourne. Representatives of staff associations from all 19 Australian universities attended.

Dr. Ian Lowen, is elected as Vice-President of FAUSA. He is Senior Lecturer in Science, Technology and Society at Griffith University and is Director of the Science Policy Research Centre at that University.

$1,240 Grant

Mr. Phillip Moore, Lecturer in Education recently received a grant of $1,240 from the now disbanded Education Research and Development Committee (ERDC) to assist in covering costs associated with the production of a book for teachers.

The book will concentrate on a novel approach to analysing children's reading behaviour. The approach, known as inferential analysis, analyses the errors, miscues, that children commit during oral reading. Through inferential analysis a child's strengths and weaknesses in reading, can be evaluated.

The book arises directly from Mr. Moore's ERDC-funded research project of 1979. That project employed miscue analysis procedures in investigating development of reading strategies in children aged six through 12.

Research findings from other miscue studies, which have been conducted primarily at the University of Arizona, where Mr. Moore spent part of his recent outside studies programme, will be incorporated in the publication.

The purpose of the book will be to acquaint teachers of infant and primary children with the theoretical underpinnings of miscue analysis as well as the practical applications of the procedure for analysing reading behaviour and determining appropriate teaching strategies.

Schools' HISTORY DAY

During the last vacation a History Day for Year 12 students was sponsored by the History Department and the Newcastle History Teachers' Association.

Three hundred students and 30 teachers were welcomed to the University in the Great Hall by the Acting Vice-Principal, Professor Ken Dutton.

The programme for the day mainly comprised a series of 11 lectures on various aspects of three of the five Options available to Modern History students.

Proceedings concluded with a series of animations.

Along with three visitors from Sydney universities, these members of the Departmental staff lectured: Sheliah Gray, Greg McKinlay, Iris Hempenstall and Don Wright. For the Department, Don Wright and Eric Andrews acted on the Organising Committee.

1982 Student Balls

The Union Board of Management invites applications from clubs and societies affiliated with the Students' Association or the Sports Union wishing to conduct a ball in the Union during Second Term, 1982.

Four dates have been reserved - those Friday nights in the second, fifth, seventh and ninth weeks of term.

Applications, indicating the preferred week, should reach the Secretary/Manager by Tuesday, October 13, 1981, and the House Committee will allocate dates to its meeting to be held on Wednesday, October 14, 1981.

Student on Council

Students of the University will shortly cast their votes in the election for a student member of the Council.

An election is necessary to fill the vacancy on the Council that will occur when the term of office of Mr. Stephen Date expires on December 31. The person elected will hold office from January 1, 1982, to December 31, 1983.

Nominations close on September 28 at noon. The Secretary to the University is Returning Officer.
SPORT

PAVILION SPORTSMAN'S BAR HOURS
Tuesdays and Thursdays, 7 pm,
Saturdays and Sundays, (as
required by users).

INTER-VARSITY - SQUASH
LADIES: Twelve teams competed,
Newcastle came fourth.

MEN: Twelve teams competed,
Newcastle came equal seventh.

Kay Stone (Economics and
Commerce) gained selection in
the Combined Universities Team
which defeated Tasmania by
three rubbers to one.

TABLE TENNIS
MEN: Eleven teams competed,
Newcastle came second.

Robert Haberl was
ed in the winning Combined
Universities Team which played
Armidale Police "Boys Team".

DOUBLES: Final Rankings
Robert Haberl second and
Philip Horton seventh.

Doubles: This event was won
by the Newcastle Combination
of Philip Horton and Robert
Haberl.

Congratulations to all Inter­
varsity contestants for individ­
ual and team performances.

PAVILION SPORTS SHOP has re-
stocked after a virtual sell-
out in recent weeks. Pop in
and make a selection from the
many bargains. Hours: 9 am
until 10 pm, seven days per
week.

HOCKEY Association finals and
grand finals will be played on
the University ovals on Septem­
ber 19 and 20.

CRICKET - This week the New­
castle District Cricket Team
will play North Sydney on the
Ray Watt Oval.

A State trial match will
be held at No. 1 Oval on Septem­
ber 19 and 20.

On September 20 at No. 2
Oval, the University Cricket
Club will play a trial match
against Lambton and New
Lambton.

On September 27 at Nos.
1 and 2 Ovals, trial matches
will be played against Waratah.

ATHLETICS - Two teams of Uni­
versity runners entered the
recent Newcastle Herald Fun
Run. Each won the category in
which it was entered.

In the Athletics Club cat­
egory, the winning team com­
prises:

Terry Wall - 4th (35 mins 40 secs.)
Albert Nymeyer - 23rd (38:00)
Bob Kimberley - 26th (38:20)
Paul Buckley - 71st (40:30)

The second team, entered
in the category for Tertiary
Institutions comprised:

Col Whitehead - 125th (41:45)
Tony Guttman - 162nd (42:45)
Dick Parbery - 169th (42:55)
Jeff Reeve - 214th (43:45)
Mike Hannaford - 689th (52:35)

Not entered in a University
team, but also running,
were:

H. Daniels - 86th (40:50)
D. MacDonald - 133rd (41:55)
J. Biggs - 160th (42:45)
J. Lambert - 257th (44:30)
D. Finlay - 550th (50:10)

A total of 1,386 runners
finished the course on what was
an ideal, although somewhat
windy, day.

Individually, Terry Wall ran
very well to record 4th
place. Col Whitehead also ran
very well for his team. Bob
Kimberley pushed Albert
Nymeyer hard all the way, and
John Biggs and Tony Guttman
had their usual hard-fought
tussle, only to come out equal
at the finish. Jeff Reeve,
rarely seen in competition,
also had an excellent run.

The winning time for the event
was 34 mins, 27 secs. (K.
Canard).

The success of the two
teams is a reflection of the
enthusiasm of University run­
ners. The competitive, yet
friendly, spirit in which they
ran the event, and their suc­
cess, can only enhance the name
of the University in the com­
munity.

Anybody wishing to join
the running fraternity is wel­
come. If you wish to join the
Athletics Club, the membership
fee is nominal, and there are
plenty of runs on the calen­
dar. All the running events
mentioned in the University
News, however, are open to the
public.

FOR SALE

CORONET CARAVAN (15') together with
annexe. On site at Lemon Tree Passage.
Excellent condition, $2,950. Please
telephone Extension 534.

BLACK & WHITE TELEVISION - $10.

BRAEMAR GAS HOT WATER SERVICE - 15 gall-
on storage unit, $20. Please telephone
51 4463.

UPRIGHT CLOTHES DRYER in excellent con­
dition (hardly used), $40. Please tele­
phone 45 9879.

CLASSIC MK7 JAGUAR - 1951, 99% restored.
Mechanically A1, paintwork Bronze (NO
RUST!!), all timber finishes fully re­
stored. (Needs interior hood lining
now available) plus spares. URGENT
SALE - $5,500 or nearest offer. Please
telephone 57 5257.

POSITION WANTED

The following persons would like to type
theses, reports, occasional papers etc:

Mrs. J. Marsden, Woodberry. Please tele­
phone 66 3448 or contact Brian Marsden
on Extension 696.

Mrs. J. Gennette, New Lambton. Please
telephone Extension 720.

INDIAN COOKING CLASSES

Learn to cook Indian meals (vegetarian
and non-vegetarian) and some snacks in
five lessons. Classes will be held from
9.30 am until 12.30 pm on Wednesdays
commencing September. The cost is
$6 per lesson including all ingredients.
For further information please telephone
52 4957.
FRIDAY, SEPTEMBER 18
11 am Professor C. Ellyett will present a seminar entitled: Renewable and Non-Renewable Energy - Especially in Australia and New Zealand. Room S101 (Economics & Commerce).
2 pm - 3.30 pm Professor J.A. Liggett, Cornell University, C/- Water Research Laboratory, The University of New South Wales will present a seminar entitled: The Boundary Integral Equation Method Applied to Hydrodynamic Flows. Room EAG01 (Engineering Complex).
8 pm UNION DINNER - Guest Speaker: Mr. Justice Staples. Entertainment provided by Les and the Palmfronds.

SUNDAY, SEPTEMBER 20
8 pm Newcastle Film Society presents: Padre Padrone - Italy 1977. Paolo and Vittorio Taviani.

TUESDAY, SEPTEMBER 22
1.05 pm Anglican Eucharist (Feast of St. Matthew), Chaplaincy Office, Union Basement.
5.30 pm Lindsay Porter will present a seminar entitled: "Kant's Doctrine that Existence is not a Real Predicate. (Please telephone Ralph Robinson for the location of the seminar).

WEDNESDAY, SEPTEMBER 23
3 pm Dr. Gail Pearson, University of New South Wales, will lecture on: Female Subaltern Policy in India. (Her lecture will take in both middle-class and dalit women. Room V02 (Mathematics Building). For further information please contact D. Wright, Extension 261.
6.30 pm Meeting of the Hunter Valley Branch of the Australian Federation of University Women. Guest Speaker: Professor Jeffrey Robinson (Professor of Reproductive Medicine). Professor Robinson will speak on: Foetal Growth and Development. Medical Lecture Theatre (K202).

THURSDAY, SEPTEMBER 24
Noon FILM - Pretty Baby, Common Room. Admission 50c.
6 pm Brilliant Brazilian Classical Guitarist - Bago Berto Linhares. Common Room. Admission FREE.

FRIDAY, SEPTEMBER 25
Noon Professor Grainger Morris will present a seminar entitled: A Schauder Theorem in Spite of Bifurcations. Room V107 (Mathematics Building).
6 pm ALTERNATIVE ENTERTAINMENT in the Bar.

SUNDAY, SEPTEMBER 27
8 pm Newcastle Film Society Presents: Padre Padrone - Italy 1977, Paolo and Vittorio Taviani.

TUESDAY, SEPTEMBER 29
12.30 pm Professor D.M. Armstrong (Traditional & Modern Philosophy, Sydney), will present a seminar entitled: Laws of Nature as Relations between Universals, and as Universals. Room A110 (McMullin Building).
1.05 pm Anglican Eucharist - MICHAEL (Feast of St. Michael & All Angels), Chaplaincy Office, Union Basement.
5.15 pm ANNUAL GENERAL MEETING for members of the Staff Credit Union, Southern Cross Lounge.

WEDNESDAY, SEPTEMBER 30
Noon FILM - The Rocky Horror Picture Show, Common Room. Admission 50c.
8 pm CONCERT to be held in the Great Hall with special guest artists Margaret Roadknight and Jeannie Lewis. Admission: $5.50 (students) and $7.50 (guests). Tickets are available from the Bank Agency, University Union.

THURSDAY, OCTOBER 1
Noon FILM - Alien, Common Room. Admission 50c.

COMMONWEALTH POSTGRADUATE COURSE AWARDS

THESE AWARDS ARE AVAILABLE TO SUPPORT FULL-TIME STUDY IN COURSEWORK MASTERS PROGRAMMES INCLUDING:

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APPLICATION MATERIALS ARE AVAILABLE FROM THE STUDENT ADMINISTRATION OFFICE.