Professor Keith Morgan has been making a short visit to Newcastle primarily to assist in the preparation of the University’s triennial funding submission to the Commonwealth Tertiary Education Commission, but also taking the opportunity to meet senior members of the University.

University News was allowed an opportunity to find out a little more about our future chief executive. Professor Morgan admits to two major interests beyond his immediate professional roles as academic chemist and a university administrator. The first he lists is institutionalised education in its broadest context from primary to tertiary level. Educational concerns are almost in his blood as both parents have been professional educators as are two brothers. He has served on school boards within the private sector and, in the public sector, on county council education committees. He also notes that Lancaster University has four affiliated colleges through which more students graduate than the parent institution. The validation of degrees offered through these institutions has required the frequent practice of analysing and comparing skills to various tertiary courses.

Professor Morgan’s other main interest he describes as town-gown relationships. These have two different objectives. One is to ensure that the University contributes optimally to the cultural life of the community in which it is placed. At Lancaster, he notes that the University plays a leading role in the promotion of music and the visual arts while there is close collaboration with the town in theatrical productions. He is aware that music and singing are strongly supported in the Hunter, and that the Newcastle Conservatorium is going from strength to strength.

The other objective is to ensure that the University plays an active role in promoting the economic health of its community. Lancaster University was a sponsor of Enterprise Lancaster, an office established 20 years ago to promote the development of new commercial activities in the city. Traditionally, Lancaster was a textile town with a large proportion of its population employed in mills. That industry has undergone drastic change from the introduction of cheap imports. University collaboration has assisted the development of a variety of industries, particularly computer software, pharmaceuticals, precision engineering and publishing. In addition, the recent development of offshore natural gas fields has created a demand for specialist consulting services in psychology, marketing and engineering.

Professor Morgan is excited by the opportunities ahead in Newcastle.
2 "A new lease of life for Convocation"

Roslyn Cameron

Earlier this year administrative support was granted to the Standing Committee of Convocation. Ms Roslyn Cameron, a graduate of this University herself, was appointed as Convocation Officer, in late April.

Having the basic "ground work" administrative support has enabled the Standing Committee to investigate some new and exciting initiatives.

For those that may be unaware, Convocation is the graduate body of the University and has a membership of over 11,000.

The executive body of Convocation is the Standing Committee which consists of a Warden, presently Father James Broome, a Deputy Warden, presently Emeritus Professor Cliff Ellyett, 12 committee members and the seven Council representatives elected by the members of Convocation. In fact, Convocation has the largest number of representatives from any one group on Council.

Convocation is involved in many activities/functions throughout the year, the more familiar being the Graduation Dinner Dance, The Newton-John Award, the Newcastle Lecture and Inaugural Lectures. Recently Convocation sent a delegate, the Warden, Father James Broome, to the Twentieth Annual Australian Universities' Graduate Conference which was held at James Cook University in Townsville.

Another highlight of the year was the 1986 Newcastle Lecture which was presented by Miss Freda Whitlam, Moderator of the Uniting Church of Australia, NSW Synod. Miss Whitlam chose the topic of Peace as the theme to her lecture.

At the meeting of the Standing Committee of Convocation on the August 28 new initiatives discussed were:

- Construction of a History of the Newton-John Award and an honour role which will hopefully hang in the foyer of the Great Hall.
- The possibility of instigating a Convocation Medal which would be awarded annually to a graduate of this University for "professional excellence".
- The investigation of a new series of moments which would widen the already existing range sold by Convocation.

Future highlights for the year will be

Professor Robert Melchers' and Professor Anneke Dobson's, Inaugural Lectures and the Farewell Dinner for Professor Dr. George and his wife Lorna, wh. Convocation is jointly organizing with The Friends of The University.

For any further information please contact, Ms Roslyn Cameron, Student Administration in the McMullin Building or phone 68 5570.

Quiz contestants wanted

The Australian Broadcasting Corporation is in the process of setting up a National Television Quiz Programme called University Challenge. It will be a half-hour show for Prime Time viewing once a week over 25 weeks.

A similar programme has been running on Granada TV in Britain for some 25 years and in New Zealand for 10 years. If it is successful here in Australia, a three-way International challenge is contemplated.

The game consists of a team of four students from each university, answering various academic and general knowledge questions.

By a process of selection, each team will play against each other, then the teams with the highest aggregate scores will go into the semi-finals, with the two winners playing off in the final.

It is proposed to run the quiz in two sections:

(Group A) eight universities in August
The Australian Championship will be played in August between the winners of Group A and Group B.

As there are 20 universities in Australia, the first objective is to see which universities are interested and then select the 16 needed to compete.

If such a team is interested in competing could you please contact Keith Halliwell, Research Officer, by Friday, October 3, 1986.

If a team from Newcastle is chosen either the Producer or Keith Halliwell would visit our University (possibly the first week in November) to obtain some background information and to show you a tape of the British version of University Challenge.

Contestants will be flown to Hobart, accommodation and meals will be provided.
Theory put into practice

The Department of Electrical and Computer Engineering has developed an international reputation for its work on control theory. Control theory strives to solve the problems associated with controlling dynamic systems.

Over the past three years the Department has become involved in several scientific and industrial control problems which allow control theory to be put into practice. Two particularly interesting projects are the servo control system for the Australia Telescope project and a rolling mill thickness control system.

Through TUNRA (the University's Research Company) the Department of Electrical and Computer Engineering has become consultants and sub-contractors to CSIRO to develop a digital servo control system and a multiprocessor computer system for the Australia Telescope project.

The project consists of seven 22 metre steerable antennae or radio telescope dishes. These antennae will be located at Culgoora, north-west NSW. The antennae are required to be pointed accurately and in unison at a point in the heavens in conditions where the earth is rotating and the wind may be gusting. The Department initially received $36,000 to develop control theory.

In conjunction with the CSIRO, Associate Professor Robin Evans and Dr Robert Betz of the Electrical and Computer Engineering Department carried out design and simulation studies to develop a digital servo control system which will point the antennae dish with an accuracy of around 2-3 arc seconds even in moderately windy conditions.

A further $44,000 was provided to build a prototype servo control computer one of which will be installed in the base of all seven antennae. This phase represents putting the theory into practice. Over the past 12 months Professor A. Cantoni, Professor R. Evans, Dr R. Betz, Dr S. Chan and Technical Officer Daryl Cramm have developed this prototype. The prototype consists of eight high performance microprocessors which communicate over a multibus via 2 port memories. There are three feedback control loops: one for azimuth (sideways pointing); one for elevation; and one for the subreflector. Each servo control computer will receive commands from a central computer at the rate of 15 times per second. This enables the dishes to maintain a fixed position by moving to cancel out the affects of the Earth's rotation.

The CSIRO has developed the Central Computer System and the Department has worked in close liaison with the CSIRO throughout this project.

At present 2 pre-production servo control computers are being built by the Department and will be installed in December, 1986.

Professor Evans explained that this project represents a healthy interaction between theory and practice and several new theories have resulted from developing the prototype digital servo control systems.

The Department has also been working in conjunction with Industrial Automation Services at Speers Point to develop a rolling mill eccentricity control system which allows metal to be rolled to within a few microns accuracy. At present the metal is rolled between 2 huge rollers which are not uniformly round and this results in variation of the metal thickness. Professor G. Goodwin of the Department has developed a control system based on theoretical algorithms which adjusts the rollers in such a way that this eccentricity is removed. This results in great cost savings for the manufacturer as less metal is required to obtain optimum strength and manufacture of the metal into tins has fewer problems.

This system is currently on trial at Australian Iron and Steel (AIS), Port Kembla and results are extremely encouraging. Considerable interest has been shown in the system by overseas rolling mill manufacturers.

Diagrams of the Australian Telescope Project.
HAIL AND FAREWELL

Professor Jeffrey Robinson came to Newcastle from Oxford in 1980. The way he recalls it, he was quite comfortable where he was, but his complacency was destroyed by a man called Trefor Morgan. The argument had something to do with bringing real scientists into clinical medicine. During his time in Newcastle, Professor Robinson has had little opportunity to become too comfortable. The foundations of New Med II had already been dug in 1979 when he first visited Newcastle, but the political battle front of health-funding surged back and forth many times thereafter and it was only in 1985 that he and his colleagues based at the Mater Hospital finally acquired a home. Even then he may not be permanent with the decision to build Rankin Park Hospital.

Professor Robinson goes to the University of Adelaide, to Chair the Department of Obstetrics and Gynaecology. He takes with him happy recollections of the interdisciplinary collaboration that was both encouraged and essential in a small medical school and an appreciation of the lecturing opportunities provided in helping to plan the best possible clinical services for the Hunter Region with finite resources.

When he started work the Physics Department had the enormous budget of £900 a year and a total staff numbering eight people. Sid particularly enjoyed the Tighes Hill days as all the departments were small and were housed close together so that a lively social interaction occurred between University employees.

Sid recounts one event that was particularly embarrassing at the time. An Annual Open Day was held at Tighes Hill and feature of this for a number of years was an explosives demonstration by the Department of Chemical Engineering. Explosive charges were set on the cricket pitch and when they went off coloured smoke was emitted. One staff member decided that he would improve upon the demonstration by building a bigger explosive. This charge was set in the late afternoon when many people were on their way home from work. The explosion was very loud shaking all the glass in the nearby buildings and alarming many commuters. One old lady that lived nearby had decided to light her gas heater when the explosion went off causing the soot in her chimney to dislodge and blow all over her. Naturally, she thought she had caused the explosion and she rang the police with fears. Sid hopes to devote more time to his hobbies of ham radio, photography and tape recording and would like to become volunteer programmer for 2NUR-FM on his retirements. Sid is also a keen traveller and would like to see more of Australia and visit England, Finland, Norway, Switzerland and China.

A farewell dinner is being arranged for Sid on September 22 at the Water Board Bowling Club, North Lambton. For more information contact Mrs Aileen Rowley (Extension 235).

SID RETIRES AFTER 30 YEARS

Sid Daniels

Sid Daniels, Technical Officer with the Department of Physics, will retire on September 22 after 30 years to the day of service with the University. Sid first joined the Department as a Laboratory Assistant. The Department was located at Tighes Hill and shared a building with a number of other departments. Sid remembers that
DONKER ELECTED PRESIDENT OF PBAA

The manager of University radio station, 2NUR-FM, Mr Anton Donker, has been elected national president of the Public Broadcasting Association of Australia.

The PBAA represents more than 100 radio stations and aspiring licensees throughout Australia, as well as groups interested in fostering public television.

Public radio now has a national weekly audience of more than one-and-a-half million.

"In numerical terms, public broadcasting will be larger than both the ABC and the commercial sector within 10 years," Anton said.

"There are more than 250 groups waiting for community radio licences. Some have been waiting for up to five years, but unfortunately, they may still have a long wait in front of them, due to the poor resource position of the Department of Communications."

The PBAA makes representations to Government, the Australia Broadcasting Tribunal, and other industry agencies, such as those involved in the collection of copyright fees.

It also provides a range of services to its members, such as national tape exchange and distribution.

"Public radio provides a very wide range of programmes the other stations are either unwilling or unable to provide," Anton said.

"As ABC and commercial services become more centralised through satellite use and networking, community stations which serve local interests will become increasingly important," he said.

Mr Donker has been manager of 2NUR-FM for almost six years. He served on the National Executive of the PBAA for several years before his election as president at the organisation's recent national conference.

Orienteers successful at Championships

Malcolm Park, Lecturer in the Department of Architecture, has recently returned from a trip to Europe in his capacity as Manager of the National Orienteering Squad.

Fourteen members of the squad were able to gain essential experience by participating in the first official Training Camp for the World Championships and by competing in major international events, including World Cup Events in France and Sweden. Some of the squad went on later to compete in Czechoslovakia and Hungary.

The University of Newcastle's Sportsperson of the Year, Terry Farrell, is a member of the National Squad and has previously represented Australia at World Championships in 1979, 1981, 1983 and 1985. Although limited to competing in the French World Cup Event this year, Terry was the best performed of the Australian men with a fine 33rd place in the world class field.

In addition to their National Squad activities both Malcolm and Terry competed successfully last week at the Australian Championships held in South Australia, Malcom winning the men's 45 Age Class and Terry placing 3rd in the Open Elite Class. Part of this event included an international competition against New Zealand in which Malcolm ran for the Australian Team (men's 45 Age Class). Australia won the challenge with New Zealand.

Squad members are preparing themselves for the selection trials in May, 1987 for the World Orienteering Championships to be held in France next year. Five men and five women will represent Australia and Malcolm will manage the team.

ONE DAY SEMINAR
TOTAL QUALITY CONTROL:
Statistical Aspects
Presented by
DR DOUGLAS SHAW
PRINCIPAL
CONSULTANT
SIROMATH

October 16, 1986
David Maddison Building Cnr King and Watt Sts., Newcastle.

For more information please contact C. Claydon Department of Mathematics
68 5677

For more information please contact G. Grexl Tunra
68 5632
Cholesterol Mousetraps

Stop Press...

Visit by Commissioner Designate

The Commissioner Designate for Universities on the Commonwealth Tertiary Education Commission, Professor Don McNicol, visited the University on September 10, 1986.

Professor McNicol is visiting briefly all Australian Universities before taking up his duties with CTEC. As well as providing an opportunity for him to gain a general appreciation of the University, the visit also enabled him to discuss some matters which the University will be raising in the submission for the 1988 Triennium.

Former Newcastle Student Appointed Acting Vice-Chancellor

Professor Kevin Marjoribanks, who graduated Bachelor of Science from the Newcastle University College in 1959 has been appointed Acting Vice-Chancellor of the University of Adelaide following the recent sudden death of that University's Vice-Chancellor.

Professor Marjoribanks, after attending Newcastle University College, gained further degrees from the University of New England, Harvard University and University of Toronto. He is a Fellow of the Academy of the Social Sciences in Australia and a Fellow of the Australian College of Education.

Professor Marjoribanks was Professor of Education and Pro Vice-Chancellor in the University of Adelaide.

Bible Study & Discussion

Lunch-time meetings
1-2 pm, Wednesdays
Bart Roos Room, McMullin Building, LG 42

Led by Rev. Philip Thirlwell.

All Welcome
Family Violence- A Major Concern

A recent visitor to the University was Professor Jack Byles, Professor of Psychiatry at McMaster University and his wife Ruth, Administrator of the Postgraduate Education Programme for the Faculty of Medicine at McMaster University. Professor Byles came to Australia to attend the Sixth International Conference on Child Abuse and Neglect which attracted over 1,500 people from all over the world.

Professor Byles main area of research is family violence. As Professor Byles explained the first problem associated with family violence is to understand it. There are many manifestations of family violence, only one of which is child abuse.

Each society or cultural group has different perceptions of family violence and thus family violence only becomes a problem when society sees it as such.

Professor Byles stated that violence is learned in the home and that in industrial societies far more violence occurs within families than on the streets. This has social, health and legal implications. Further, in a violent family not all children will become violent. Fifty percent of abused children will become abusing parents whilst ten percent of abusing parents will come from non-abused backgrounds. Thus there is a five times greater chance of becoming an abusing parent if one is from an abused background. Professor Byles believes that about ten percent of the population is involved in family violence.

Family violence generally occurs as multiple forms of abuse and may be in the form of siblings, acting against siblings as well as parents acting against siblings. Any individual can be both a victim and a perpetrator of violence. Physical abuse is generally looked at in studies of family violence whilst very little is known about emotional abuse. However, indications are that emotional abuse is just as damaging as physical abuse and that it varies from physical abuse in that emotionally abused children continue to be abused throughout their life whereas physical abuse generally ceases when a child reaches adulthood.

Professor Byles believes that in abused families love and violence become part of the same package and that society needs to help children break this cycle by re-educating them.

Professor Byles has been involved in a child epidemiology study in Ontario, Canada to determine the prevalence of psychiatric disorders in children aged between four and 16. The study randomly selected 2,000 households throughout the Province and thereby picked up about 3,000 children. Out of these 18.6 per cent of respondents were identified as having psychiatric disorders. This is higher than in previous surveys. In particular, emotionally linked disorders were higher, primarily amongst adolescent girls and young boys. This may be due to high anxiety relating to a changing world or to the measuring technique used. The study showed no link between socio-economic factors and psychiatric disorders but did find that psychiatric disorders were more prevalent in urban areas than rural areas. The most important association with psychiatric disorders was family functioning. When this breaks down disorders occur.

Psychiatric disorders affects a wide group of people, from the child to the parents to society. As yet no effective treatment programme has been developed for psychiatric disorders. In fact, in one study where a therapist went into the homes of delinquents it was shown that this had a negative effect.

Footloose Revue on Tour

...they travelled amongst the tumbrweed, large cowboy hats drawn low across their unshaven faces. The desert sun beat down mercilessly. Somewhere a quokka yelped mournfully. Onwards ever onwards, they travelled amongst the iniquitous tumbleweed and shifting desert sands. They still have not returned, but one day they shall, and that will be a triumphant and glorious day...

In such fashion 1986 University revue members travelled to present the Apocalyptic Doom Show. The show played to enthusiastic and large audiences for a week at the Southern Cross Lounge before hitting the road to Sydney, Woolongong and Canberra.

Indeed Newcastle is leading NSW in the theatre of University. The quality and success of this year's show has supplied the inspiration for the sprouting of Revue Companies all over the State. This University has the only touring Revue in NSW. It also has the only entry in the Australian Desert Travelling Intervarsity Competition. We are expecting our squad back from the tumbleweed any year now.
There are numerous ways in which students can be cognitively prepared for learning. The use of techniques such as advanced organizers, overviews, behavioral objectives, and sample test items is generally referred to as a pre-instructional strategy. An investigation of the combined effects of two such strategies was the basis of a Master of Education thesis recently completed by Mr. Roy Killen. His research was supervised by Associate Professor Ross Talier and Mr. Phil Moore.

Literature reviewed by Roy indicated that research into the use of pre-instructional strategies had been extensive but the results were often conflicting. More importantly, translation of the research results into practical guidelines for teachers was frequently impossible due to the extremely contrived nature of the empirical studies. It was this fact which led him to develop a research strategy centred on regular classroom situations, with a minimum of intrusion. This enhanced the validity of the study and suggests that the results should be readily achievable in normal classroom situations.

Mr. Killen is Head of the Department of TAFE at Newcastle CAE. His initial interest in pre-instructional strategies was developed in an attempt to assist TAFE teachers with their lesson planning and preparation.

The study used as subjects 104 students enrolled in Stage 1 of the Fitting and Machining Trade Course at four local Colleges of TAFE. The experimental procedure involved a non-equivalent control group design with the treatment being the provision of written lesson objectives and sample test items immediately prior to each of a series of lessons on lathework.

Data analysis was undertaken by repeated measures analysis of variance. A secondary method used analysis of covariance with a measure of word knowledge as the covariate.

The results of the study indicated a significant facilitating effect following the use of the objectives and sample test items. There was a tendency for the treatment to have a differential effect depending on the extent of the students' prior knowledge. Subjects of high and low word knowledge did not benefit differentially from the treatment. These results were explained in terms of Addition Theory and Assimilation Theory.

The thesis makes a significant contribution to the literature in this field, both because of its contextual validity and because there has been very little research of this general type conducted in, and applicable to, TAFE situations in Australia.

In addition to the theoretical significance of the research there were several useful practical outcomes. These include the development of a set of guidelines to assist TAFE teachers make effective use of behavioral objectives.

Dr. Mary Ann Lansang of the Clinical Epidemiology Unit at The Philippines General Hospital in Manila, Philippines has recently completed the Master of Medical Sciences at the University of Newcastle.

Dr. Lansang's studies at Newcastle were carried out in the Asian and Pacific Centers for Clinical Epidemiology through a grant from the Rockefeller Foundation. Her thesis was entitled An evaluation of capillary blood samples on filter paper for screening infants at high risk of acquiring hepatitis B infection. Her supervisors were Professors A. J. Dobson and S. R. Leeder.

Hepatitis B infection is endemic in many developing countries including the Philippines and the control of this disease is an important public health measure. A major breakthrough in recent years has been the development of the hepatitis B virus vaccine. In high cost, however, warrants the use of a simple, affordable, reliable and acceptable test to identify those people who would benefit most from the vaccine.
379 History Buffs

The annual schools History Study Day for Year 12 students, under the auspices of the University History Department and the Newcastle History Teachers' Association, was held on Wednesday, August 20. Twelve lectures were given on aspects of European and world history and on revolutions by speakers from a variety of institutions. These included Associate Professor R. Bosworth and Dr C. Adams, from Sydney University; Dr D. Christian, from Macquarie University and author of a recent book on Russian history; Associate Professor J. McCarthy, from the Australian Defence Force Academy, Canberra; Mr J. M. Graham and Mr C. Green, from the Newcastle College of Advanced Education; and from this University Associate Professor W. V. Doniella of the Philosophy Department and Mr M. H. Chan and Drs D. Wright and E. Andrews of the History Department. The day concluded with advice to students on examination techniques by Mr L. Tabart the Area Inspector and local examiner. The History Department thanks all those who helped it increase the range of its lectures and so make the conference more worthwhile. It particularly thanks those from the NCAE.

At a time when there is much talk about 'rationalisation', this long-standing co-operation between our two institutions is to be noted.

The day was a great success, being attended by 379 students and 20 teachers. The students were keen and interested and from reports enjoyed the day and found it most useful. They were introduced not only to aspects of history, but to their local University, where hopefully many will later attend. Interaction between the University and the wider community in this way are of great benefit to all concerned.

Assisting Local Schools

As part of its involvement in the community, the Department of Management is offering the opportunity for local high school students to attend computer awareness days during school vacations.

During August/September University Vacation, Dr Joan Cooper, Head of the Department of Management ran one such day for a group of Year 9 students who attend Newcastle Grammar Schools.

The girls, who sacrificed a day of their holidays to attend, were very interested and enthusiastic. The day included 'hands-on' experience, as well as a visit to the computing centre of the Maths Faculty.

It is hoped these days will be an incentive for Hunter Region student to consider our University as their first choice for tertiary studies.

So, you want to be a manager!

Denys Henderson, Chairman of ICI, the largest manufacturing company in the United Kingdom recently offered the following advice to students and staff of his old university, Aberdeen. (ICI employs about 300 graduates per year mainly science and engineering from 6000 applicants).

In choosing employees, not only academic skills but also equally important "intangibles" are looked for Mr Henderson considers that those in higher education who are charged with supervising training have an univalled opportunity to create awareness of the need for "character" qualities in their students. Desirable qualities include stamina, resilience, a sense of humour, humility, courage, integrity, raw energy, good communication skills, numeracy, in addiction, of course, to high academic achievement.

Mr Henderson also recommends a management philosophy which he calls "The doctrine of constructive dissatisfaction." This has two elements; firstly, the need to continuously look for deficiencies and seek ways of improving performance, and secondly, the belief that you can win. Try rating yourself and your colleagues on these criteria. If your score doesn't look good, you could think about joining the Mountaineering Club for some extra tuition in Character.

INCREASED OPENING HOURS

In response to student requests the Auchmuty Library will be open extra hours on Sundays during Third Term and during the examination period.

From September 13 until November 23, 1986, weekend opening hours:

Saturdays, 1pm - 5pm and Sundays, 10am - 5pm.
China

Chengdu University of Science and Technology is looking for qualified teachers of English with science and engineering backgrounds to work in its Intensive Language Center and English Department. The Intensive Language Center is one of nine recognized national training centres in the People's Republic of China. It prepares Chinese scholars and graduate students who are going abroad to perform research or pursue advanced studies. It has been recognized as an Advanced Language Center and English Department in the People's Republic of China. The English Language Training Center Chengdu, Sichuan, China, has been recognized as an Advanced Language Center in the People's Republic of China.

Selected as a national text. The English Language Training Center Chengdu, Sichuan, China, has been recognized as an Advanced Language Center in the People's Republic of China.

Applications received after that time will be considered for September, 1987. Applicants with reasonable qualifications and experience. Typical teaching loads range from 12 to 16 classroom hours per week. Benefits include housing, medical care, and short trips sponsored by the University and the Provincial Foreign Affairs Office.

Applications received by January, 1987 will be considered for September, 1987. Applications received after that time will be considered for later positions. Interested applicants should send a resume to:

Professor Chen Peidong, Intensive Language Center Chengdu, University of Science and Technology, Chengdu, Sichuan, China.

Germany

The Deutscher Akademischer Austauschdienst (German Academic Exchange Service) has announced details of a new scholarship for students in all disciplines.

The scholarships are available to Australian students between the ages of 19 and 32 who currently have completed at least two years of study at a university and who have some knowledge of German.

Scholarships, to be held at the University of Freiburg, last for six weeks (January 5 to February 19) and involve 20 hours per week of language instruction and another five hours per week of background studies to modern Germany. All fees are paid and a stipend of DM 3,000 to subsidize travel and living expenses. The DAAD estimates that students will need a further DM 300 to 400 to cover incidentals while in Freiburg.

Applications must be received in Bonn by October 15, 1986. As this is the first year such scholarships have been offered, and only short notice has been given, all applicants with reasonable qualifications should apply in order to be considered. About 30 scholarships will be offered Australia-wide for 1987.

Full details are available from Mr. D. Marr, Secretary's Division, or from the German Section of the Department of Modern Languages, which will assess the level of language competence of applicants.

Commonwealth Countries

Applications are invited from Australians wanting to study in Commonwealth countries next year for awards under the Commonwealth Scholarship and Fellowship Plan (CSFP), which is administered in Australia by the Commonwealth Department of Education. Most CSFP awards in 1987 will be for study in the United Kingdom, Canada, Hong Kong and India. Other Commonwealth countries could include Jamaica, Malta, Nigeria, Ghana, Malaysia, Sri Lanka, Trinidad, Tobago, Barbados and Uganda.

The awards are primarily for postgraduate study of research. Australian graduates may be considered for a second undergraduate course at Oxford and Cambridge universities in the United Kingdom.

Candidates must be Australian citizens or in the process of applying for citizenship, and should usually be under 35 years.

The benefits vary from country to country but they basically include living allowance, return economy air fares, university fees, a book allowance and expenses to cover internal travel for approved study. Some countries also provide a spouse allowance.

The CSFP, established in 1959 at the Commonwealth Education Conference at Oxford, provides awards to men and women from all Commonwealth countries who are of high intellectual promise and who may also be expected to contribute significantly to life in their own countries when they return from overseas study.

Candidates who have completed or nearly completed a degree at an Australian university should apply through that university. Intending applicants should have an exceptional undergraduate record and expect to obtain an Honour Class 1 degree.

For further information contact Mr. P. Farley, Students Administration, phone 68 5290.

The closing date for applications is October 3, 1986.

The Australian Association of Gerontology

NSW Division Hunter Valley Chapter

The University of Newcastle Department of Community Programmes

THE FOURTH DICK GIBSON MEMORIAL LECTURE

will be given by

Dr Neal Blewett M. P., Federal Minister For Health

at the University of Newcastle Theatre K202 Medical Sciences Building

Wednesday October 1, at 8pm

He will speak on

The Role of Medical Education in Geriatrics
Position Vacant

Sports Centre Attendant - Evenings. Hours 5 pm closing time depending on bookings (average 27 hours/week for 48 weeks). Wage $8.50/hour. Duties supervision of persons and equipment in Auchmuty Sports Centre and the adjacent oval, and clerical duties associated with bookings and shop. Knowledge of correct weight training techniques is desirable. Closing date September 22, 1986. For further information please telephone 68 5344.

For Sale

Typewriter, portable electronic Sharp PA 3250. Has AC adaptor. As new condition $340. Please phone 52 2700 evenings or weekend.

Girl’s 20” folding bicycle, English made, beautiful condition, sturmey-archer gears, suit teenager or adult, folds easily into boot of car. $200 o.n.o. Please phone ext 259 or 26 4607.

Merewether - Immaculate home with entry hall to 3 large bedrooms with built-ins, modern bathroom, modern kitchen, lounge and dining, internal stairs to very large rumpus with fireplace, extra bathroom, lots of storage space access to large drive through double garage. landscaped gardens with inground pool. $105,000. Please telephone 63 1763 (after hours) or Sue Woodcock on ext. 351.

Typing Done

Fast and accurate typist. Please telephone Mrs D. Dennis on 59 1135.

Lost

Any person finding a grey skin wallet, lost on August 15 containing money and personal items, please return to the University Union Kitchen.

ADVERTISEMENTS

The Travelling Film Festival on tour

Spring tour

September-November 1986

Once again the Travelling Film Festival is bringing to Newcastle a number of films all of which have won many prestigious awards and have been widely critically acclaimed. This year the films will be screened at the Lyrique Theatre on September 26 to 28.

Favourites of the Moon (7.30pm September 26) made in France (Director Otar Iosseliani). A lovely, funny, inventive movie. Iosseliani skillfully intertwines his characters and his messages in this movie.

Sylvia (9.30pm September 26) made in New Zealand (Director Michael Firth). The story centers round a women’s unorthodox educational theories for young illiterate (mostly Maori) pupils. It’s also a film about a woman’s attempts to make a new home for her family - and a creative life for herself - in a very remote area.

Le The Au Harem D’archimede (5pm September 27) from France/Algeria (Director/Writer Mehdi Charef). This is the story of two foot loose friends, Madjid, who is an Arab, and Pat, who is French, who avoid the tedium of unemployment by whoring, hustling, pimping and mugging. This film has a humourous side as well. This is followed by a short 15 minute film Double X from Australia (Directed by Julie Cunningham). It is an animated tale of women’s creative contribution to pre-history.

Stammheim (8pm September 27) from the Federal Republic of Germany (Director Reinhard Hauff). This film portrays the Baader-Meinhof trial that was the summation of the wave of political terrorism in Europe in the 1970’s. This is followed by 29 minute film Flamenco at Five Fifteen from Canada (Director Cynthia Scott), an enthralling study of the life and art of Flamenco.

Stranger Than Paradise (5pm September 28) from USA (Director/Screenplay writer Jim Jarmusch). This is a story about America, as seen through the eyes of ‘strangers’ (in this case, Hungarian immigrants). It is about exile (both from one’s country and oneself), and about connections just barely missed. It is wonderfully oddball and funny.

The Fourth Man (8pm September 28) from The Netherlands (Director Paul Verhoeven). This is a thriller, the main character being Gerard Reve, a writer with an inability to distinguish fiction from reality. The movie follows his relationship with a rich widow and her lover.

Bookings for these films are available from the Lyrique and Kensington Theatres (phone 23893) and from the University Second Hand Book-Shop, located in the Union (phone 68 3717).

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September-November 1986

Once again the Travelling Film Festival is bringing to Newcastle a number of films all of which have won many prestigious awards and have been widely critically acclaimed. This year the films will be screened at the Lyrique Theatre on September 26 to 28.

Favourites of the Moon (7.30pm September 26) made in France (Director Otar Iosseliani). A lovely, funny, inventive movie. Iosseliani skillfully intertwines his characters and his messages in this movie.

Sylvia (9.30pm September 26) made in New Zealand (Director Michael Firth). The story centers round a women’s unorthodox educational theories for young illiterate (mostly Maori) pupils. It’s also a film about a woman’s attempts to make a new home for her family - and a creative life for herself - in a very remote area.

Le The Au Harem D’archimede (5pm September 27) from France/Algeria (Director/Writer Mehdi Charef). This is the story of two foot loose friends, Madjid, who is an Arab, and Pat, who is French, who avoid the tedium of unemployment by whoring, hustling, pimping and mugging. This film has a humourous side as well. This is followed by a short 15 minute film Double X from Australia (Directed by Julie Cunningham). It is an animated tale of women’s creative contribution to pre-history.

Stammheim (8pm September 27) from the Federal Republic of Germany (Director Reinhard Hauff). This film portrays the Baader-Meinhof trial that was the summation of the wave of political terrorism in Europe in the 1970’s. This is followed by 29 minute film Flamenco at Five Fifteen from Canada (Director Cynthia Scott), an enthralling study of the life and art of Flamenco.

Stranger Than Paradise (5pm September 28) from USA (Director/Screenplay writer Jim Jarmusch). This is a story about America, as seen through the eyes of ‘strangers’ (in this case, Hungarian immigrants). It is about exile (both from one’s country and oneself), and about connections just barely missed. It is wonderfully oddball and funny.

The Fourth Man (8pm September 28) from The Netherlands (Director Paul Verhoeven). This is a thriller, the main character being Gerard Reve, a writer with an inability to distinguish fiction from reality. The movie follows his relationship with a rich widow and her lover.

Bookings for these films are available from the Lyrique and Kensington Theatres (phone 23893) and from the University Second Hand Book-Shop, located in the Union (phone 68 3717).
DIARY OF EVENTS

Monday, September 15, 1pm

Tuesday, September 16, 1pm
Lunchtime concert in the Courtyard featuring Rafael. Admission: free.

Wednesday, September 17, 1pm
Dreamtime Series with Burnam Burnam in the Courtyard. Admission: free.

1 pm
Classical Guitar and Flute Concert in the Southern Cross Lounge. Admission: free.

7 pm

Thursday, September 18, noon
Movie: F.X. in the Common Room. Donation: 50 cents.

1.30 pm
Clinical Sciences Seminar: Issues in the Classification of Aphasia. Presented by Kate Kirby. Venue: Lecture Theatre, DMB.

5 pm

Friday, September 19
Medical Women's Society Weekend Seminar entitled: New Ideas For Women's Health Care. Venue: Peppers Guest House, Pokolbin. For further enquiries please contact Sandy Thompson at 26 6194.

1 pm

2 pm

5 pm

Monday, September 22, 7pm

Monday, September 22 until Friday, September 26, 1pm
Lunchtime play Half a Packet of Fags. Written and directed by Bill Iden. Venue: Green Room, Great Hall. Cost: $1 per person.

Tuesday, September 23, 12.50pm
Lunchtime in the courtyard featuring The Rats. Admission: free.

Wednesday, September 24, Noon

1 pm

7 pm
Entertainment in the Bar featuring He She Hes. Admission: free.

Thursday, September 25, Noon
Movie: Marie in the Common Room. Donation: 50 cents.

1 pm

Friday, September 26, 10 am
Department of Community Programs seminar to mark Earth Week entitled: Peace and Quiet: Controlling Noise. Guest speakers include: Jim Croft, Bruce Gibbs, Jeffrey Jansson, Barry Hall, George Glazier, Ken Short, Jim Cox, Graham Taylor and Peter Deree. Venue: Newcastle City Hall Function Room 3. Enquiries: 68 5600.

12.30
Immunology Seminar entitled: Acquired Paternal Inheritance: A Model Using Antibody Response to PC-KLH. Presented by Ted Steel. Venue: Case Study Theatre, DBM.

1 pm

Monday, September 29, 1pm
Department of History Seminar: The Elusive Joseph Lycett: Researching the Life of a Convict Artist. Speaker: Dr John Turner. Venue: LG22, McMillan Building. (Staff meet for lunch with the guest speaker in the Bistro at Noon beforehand.)

12.30 pm
Immunology Seminar entitled: Acquired Paternal Inheritance: A Model Using Antibody Response To PC-KLH. Presented by Ted Steel. Venue: Case Study Theatre, DBM.