OFFICIAL OPENING OF MEDICAL SCHOOL

The Medical Sciences Building on the University of Newcastle campus, which provides the University's Faculty of Medicine with the first stage of its own accommodation, will be officially opened on May 9. The opening ceremony will be held in the courtyard outside the new building at 2.15 pm. Emeritus Professor Peter H. Karmel, Chairman of the University's Commission from 1971 to 1977 and Tertiary Education Commission since 1977, will perform the official opening. In recognition of the interest he has personally taken in the establishment of the Newcastle Medical School (he headed the committee that recommended this development to the Commonwealth Government in 1973) and other developments at the University, an honorary degree of Doctor of the University will be conferred on Professor Karmel.

The Faculty of Medicine has existed in temporary buildings on the campus since being established in January, 1975. In the interval since then staff numbers have grown from three to more than 50. The first 64 students to be enrolled in the Faculty commenced their studies last March. A Fellow of the Academy of Social Sciences, Professor Karmel is a distinguished Economist and Educational Administrator. From 1974 to 1977 he was Chairman of the Australia Council. He played a big part in the planning and establishment of Flinders University of South Australia and was its Vice-Chancellor from 1966 to 1971. He chaired the interim council for the University of Papua New Guinea, which he served as Chancellor for one year. Professor Karmel has a long record of service as a member of Commonwealth, and South Australian, Government committees concerned with economics, cities and education. He was Chairman of the Committee of Enquiry on Medical Schools from 1972 to 1973 and Chairman of the Committee of Enquiry on the Open University from 1973 to 1974.

When families and friends of new graduates came to the University for the recent conferring of degrees ceremonies the ideal autumn weather encouraged them to look over the grounds.

Part of the graduands procession which moved from the Faculty of Economics and Commerce to the Great Hall.
LETTERS TO THE EDITOR

Dear Sir,

As most members of the University are aware, elections will be held shortly for membership of the University Council. The successful candidates will be nominated from our association who feel inclined to serve again. However, any other member of our association who feels inclined to serve as the P.S.A. candidate on the University's Act will not be accomplished in time for the coming elections. The current non-academic representative on the University Council is Mr. A. Cantoni, and he has served ably for more than eight years. He has indicated that he will be nominating as the P.S.A. candidate again. However, any other member of our association who feels inclined to serve on the Council should inform the Chairman of our association in order that a pre selection ballot can be held. Nominations should be confirmed in writing to Dr. D. Kay (Biological Sciences) by 5 pm on Friday, May 12.

John Armstrong, Assistant Secretary, Newcastle University Sub Branch, of Public Service Association.

3 RADIO RESEARCH PROJECTS SUPPORTED

With the award of Radio Research Board grants for 1978/79, there are currently three projects in the University receiving support from the R.R.B. Dr. A. Cantoni of the Department of Electrical Engineering, is carrying out a study of combined data equalization and detection and their implementation on microprocessors. He has been funded to the extent of $2,000. Professor B. J. Fraser, Associate Professor in Physics, has been funded to the extent of $500 to carry out ultra low frequency conlometer studies of the dynamics of the ionosphere and the magnetosphere. Professor G. C. Goodwin, Associate Professor of Electrical Engineering, has received a $500 grant in support of his investigation of the dynamics of mixed autoregressive moving average models for automatic channel equalization in digital transmission systems.

COSH MATERIALISES AS HOUSING BODY

The Students' Representative Council has formed COSH (the Committee on Student Housing). COSH's prime commitment is to work in association with the University's Housing Office to make a study of student and staff needs for housing, transport and recreation in relation to total community needs in Newcastle. This committee contains representatives of both the Newcastle University and Newcastle College of Advanced Education.

American Lecturer on Campus

Dr. David Wigner has arrived at the University to work with the Department of Mathematics as a Visiting Lecturer. He is from the Ann Arbor campus of the University of Michigan, where he is an Assistant Professor in Mathematics. At the University of Newcastle he will spend until July giving lectures on his academic specialisation, Topological Groups.

COSH consists of:
- Chairman, Michael Barr
- Student Members of the Council, Messrs. S. Date and W. Schults
- Student members of the Senate, Messrs. Barr, Barry Marsh, Kerry Ryan and Ms Joyce Morgan
- Two representatives of the SRC will also be elected.

The Chairman has made an appeal to students to pass on to him information about inadequacies in their housing arrangements, and any ideas they have on the subject. They can call at SRC office, or ring Ext. 329.

IT PAYS TO ADVERTISE

Following the University News' report of Wormald International having reduced the price of fire extinguishing equipment for bulk orders, 37 extinguishers were purchased by members of the University.
ARTIST ENJOYING LIFE AT UNIVERSITY

Life at the University of Newcastle is proving to be very stimulating for Mr. Tom Thompson, the NBN Artist-in-Residence, but he finds it a little difficult to put aside his paint brush to enjoy it.

"Walking through the grounds, in particular in The Union, I see students gathering together, talking, eating or just resting," he says. "Since all my paintings involve people - I'm not a landscape painter - it is interesting to me to be an observer of campus life."

Mr. Thompson, formerly Head of the National Art School in East Sydney, last February occupied the house at No. 133 Rankin Drive, which is owned by the University, and since then he has been involved in the execution of drawings and paintings including some which deal with university activities. It is the first time that Newcastle has had an Artist-in-Residence.

EXHIBITION

An exhibition of drawings by Mr. Tom Thompson, the NBN Artist-in-Residence, will be held in the Great Hall Foyer from May 8 to May 12.

His sketch books, which will become the property of the University and NBN Channel 3 after his term ends, include impressions of enrolment in the Great Hall, the conferring of degrees, the enthronement of the Bishop of Newcastle and informal events on the campus. While he draws he talks to students about his ideas and if they respond he invites them to see the paintings he's working on in his studio. Because a lot of students appear to be genuinely interested in his pictures, he has arranged for about 30 of his works to be exhibited in the Great Hall Foyer.

Mr. Thompson has not been able to mix with students to any greater degree because he is working diligently to complete a small collection of paintings and drawings for an exhibition in June at the end of his period of residency.

Mr. Thompson's appointment has been made possible by support from NBN Channel 3. His salary and travelling expenses while he is attached to the University are being paid by the television company, which has endeavoured by virtue of the appointment to stimulate interest in art in Newcastle and the Hunter region. The Artist-in-Residence has also addressed bodies outside the University of Newcastle, such as groups of artists at Muswellbrook and Dungog.
REPORT AND DISCUSSIONS  
RAISE FINANCIAL PROBLEMS

That the University will face severe financial problems is clear both from the Tertiary Education Commission's Report and discussions held with the Universities Council in Newcastle on April 20 and 21. The Vice-Chancellor, Professor D.W. George, told the Senate this on May 3.

He stated that the recently-released report to the Government by the TEC provided recommendations for the 1979-81 triennium on guidelines for all three sections of tertiary education - Universities, Colleges of Advanced Education and TAFE institutions.

Copies of the Report are available in the Library and the Vice-Chancellor's office for detailed study. In producing the Report, the TEC and the Universities Council stressed that the individual university submissions for the 1979-81 triennium and the earthful work of the Government-imposed guidelines were specified that recommendations for 1978 should be based on a constant student intake for the universities and colleges.

- indicated that the guidelines for 1979 and 1980 should be on the basis of 2 per cent growth in real terms for tertiary education as a whole.
- required a review of all university and advanced education building projects.
- stated that no new universities or colleges of advanced education (other than the Australian Maritime College) were to be established within the triennium.

- requested advice on short and longer term options to correct an apparent serious imbalance between the supply of and the demand for teachers.
- requested the Commission to pay special attention to the needs of the TAFE sector and
- requested rigorous examination of any proposals for the lengthening and upgrading of established courses.

In addition to these guidelines, on January 20, 1978 the Minister for Education announced that the Government would allocate an extra $50 million for increasing the total TAFE capital program to be supported in the 1979-81 triennium.

The Report is of interest, the Vice-Chancellor says. In that it is the first occasion on which the interaction between the TEC and the Individual Councils can be observed. In particular, the TEC has not accepted the funding recommendations of the Universities Council, even though these were based on a detailed examination and appraisal of the universities' truennium needs. The funds recommended for 1979 and 1980 are considerably below the 2 per cent growth rates foreseen in the Government's planning guidelines and there is an even more drastic further substantial reduction to 1.2 per cent proposed for 1981.

The Australian Vice-Chancellors' Committee has expressed concern over many aspects of the Report. In particular, it points out that the funding is especially worrying as the TEC itself states that universities "will have to find savings over the triennium of the order of 5 per cent of general recurrent expenditure to meet the accumulated effects since 1975 of incremental creep and other unavoidable expenditure not compensated for under cost supplementation arrangements". At the same time they will be expected to maintain student load figures at slightly higher than present levels.

In discussing the proposed return to triennial funding for recurrent expenditure, the AVCC has expressed its regret that the TEC has not been able to recommend a return to triennial funding for capital expenditure.

Further, the TEC's long term arrangements for buildings could create serious problems for the universities which are to be taken up with the Government. The AVCC has pointed out the problems created by the general deterioration of facilities and the inability of universities to modify and adapt older buildings to changing activities, and urged that every effort be made, within the limited funds available, to increase the amounts available for minor works and site works and services.

The Vice-Chancellor told Senate that on all accounts less gloomily note the AVCC had welcomed the proposal for a substantial increase in the level of special research grants for 1979-80 and hoped that the Government will initiate the Category B research grants which were proposed by the Universities Commission in its Sixth Report to develop concentrations of postgraduate training and research. The TEC supported the Council's proposals that the special research grant be increased to $5.4 million in 1979, $7.6 million in 1980 and $14.3 in 1981. The TEC pointed out that it would be difficult to justify further expansion of medical education. In the teaching area the Report suggests consideration be given to the transfer of some enrolments in Bachelor of Education and Dip.Ed. courses in universities to CAE's to permit a shifting emphasis in universities to postgraduate education.

The sections dealing with course approvals had particular importance and relevance to Newcastle, Professor George said. Since approval would be given, "dealers where the development is appropriate to the particular institution" a degree of control could be inferred. It might go beyond earlier Universities Commission practices and represent a threat to the universities' traditional freedom to determine the academic content and courses they offer. In view of the (unrewarding?) effort involved in the production of annual submissions in recent years, the new operating arrangements proposed by the TEC, which will introduce a more efficient mechanism for planning and consultation with universities and reduce the workload on both the TEC and the universities, is much to be welcomed.

The AVCC was arranging to meet with the Minister for Education (Senator J.L. Carrick) to discuss various aspects of the Report, the Vice-Chancellor added.

THE PILL TO RECEIVE FURTHER EXAMINATION

Is the Pill Safe? Recent research has given added significance to this question and it will be discussed at a public lecture/Forum being organised by the Department of Psychology in association with the Department of Community Programmes. The public lecture/Forum will be held in Lecture Theatre 801 on May 19 at 8 pm.

Professor H.M. Carey, Head of the Department of Obstetrics and Gynaecology at the University of N.S.W., will be the Principal Speaker. After years of experience, new facts, new doubts and fears are continually coming to light about side effects, both physiological and psychological of 'taking the pill'. Professor Carey is a leading authority on oral contraception and a leading exponent of the TAILOR-MADE PILL. His research has shown that oral contraceptives can be designed for individual females. The Forum will provide an opportunity to discover some implications of Professor Carey's very extensive research and to discuss with him questions which are of deep personal concern to so many people. No charge will be made for admission.
PUBLIC LECTURE ON
CONSUMER LAW

Mr. John Goldring, Senior Lecturer in Law in the Faculty of Law, School of General Studies, Australian National University, will visit the Department of Legal Studies on Monday, June 12. He will give a public lecture at 8 pm in Lecture Theatre V10 on a subject within the area of consumer law. The title of the talk will be either Inadequacy of Private Law in Consumer Protection or Private Law, Public Law and Consumer Protection. In either case the subject matter will be the same.

Mr. Goldring has a wide range of interests including commercial law, civil liberties, law in developing countries, and trade practices law, as well as the law relating to consumers. He has researched in the consumer law area overseas as well as in Australia. It is expected that representatives of local consumer groups and certain officers from the Department of Consumer Protection will be in attendance.

PLAY IN DRAMA THEATRE

Robby, Head of the Department of Thermodynamics at a tertiary education college (played by Peter Matheson) has a serious talk with one of his lecturers (Damien Lee) during the opening performance of The Department in the Drama Theatre. The play by David Williamson is being presented nightly until May 13. It is a production by the Department of Drama.

STUDENT OF ABORIGINAL HISTORY

Mr. Percy Haslam shows Mr. Denis Rowe and Dr. Michael Walsh some of the material he has donated to University Archives, on Awabakal legends and myths, and other aspects of native culture. He later had lunch with the Deputy Vice-Chancellor, Professor L. Short and senior officers of the University. He said he was most impressed with the material already in the archives, and believed it could be the "tip of the iceberg.

Dr. Walsh visited a sacred site on the Watagan Mountains to examine an aboriginal defence outpost and Awabakal paintings in an overhang. He noted that this site was yet another example of unwarranted vandalising of aboriginal artwork. He plans to return later this year for a tour of parts of the Hunter region and Mr. Haslam will visit the Institute of Aboriginal Studies to examine linguistic and other material.

REVIEW OF IMPORTANT INDUSTRIAL OPERATION

A three-day working seminar to be presented by TUNRA, the University's educational and research company, will review bulk solids storage, flow and handling. The seminar will be held in the Engineering Complex on May 24, 25 and 26.

TUNRA says that bulk materials handling plays a major role in industrial operations. In view of the substantial costs associated with handling operations, it is important to ensure that handling systems are designed to operate as efficiently and effectively as possible. Yet in many instances costly flow irregularities are found to occur, and often these problems are directly attributed to improper design. In recent years considerable advances have been made in the theory of bulk solids flow and transportation.

Significant advances have also been made in the application of control principles, economic analysis and optimization theory to the design and operation of materials handling systems. The seminar will emphasise design features of new handling systems. Laboratory sessions will be held to demonstrate the testing of bulk solids, as well as various aspects of solids handling.

Full attendance will cost $120. This includes course notes, as well as meals. Part attendance will be at the rate of $45 per day. This includes course notes, lunch, morning and afternoon tea.

Enquiries may be directed to: Professor A.W. Roberts, of the Department of Mechanical Engineering.
NEWCASTLE GRADUATION CEREMONIES

Some 600 new graduates from the Faculties of Arts, Engineering, Mathematics, Architecture, Economics and Commerce, Education and Science received their degrees on April 22 and April 29.

At three conferring of degrees ceremonies in the Great Hall, several outstanding academic successes were recognised. Included amongst these were eight graduates who received University Medals.

At least three husband-wife combinations took out their degrees - Sue McNeil B.Sc. (Bachelor of Engineering with Honours Class I) and John McNeil (B.E. with 1st Class II), Leone and Rudy Gotzy (each Bachelor of Science) and John Buxton (8.B. with 1st Class II in Biology) and Louise Buxton (B.Sc. with 1st Class II in Biology). The Chancellor, Sir Bede Callaghan, conferred the degrees and admitted a further 200 people who were not present to diplomas.

The Faculty of Economics and Commerce revived the custom of graduands processing to their graduation ceremony. The graduands assembled, with their parents, friends and academic staff from the Faculty, in a courtyard, where the Dean (Professor C. Tisdell) and the Warden of Convocation (Mr. B.W. Relf) publicly extended their congratulations and morning tea was taken.

Led by Pipers Mr. Mark Fisher and Mr. Karl Guthrie, the new graduates formed a procession and marched to the Great Hall. In the perfect autumn weather the sound of the pipes was an added highlight of the morning's ceremonies. Messrs. Fisher and Guthrie are enrolled as students of the University.

In the words of the Vice-Chancellor, who gave the Occasional Address at the Arts Conferring of Degrees Ceremony on April 22:

"The new graduates will swell Convocation's membership to well over 6000. But more important than sheer numbers are the increasing accomplishments of the University's graduates and the notable contribution to society that they are making. Each year it is becoming harder to select the winner of Convocation's Newton-John Award from amongst the graduates who have been nominated for this particular distinction. We hope you will be as proud of your University as you go through life as the University is of you. And we look forward to your continuing interest in the University and its progress, through your active support of its Convocation body."

Mr. Russell Edwards and Mr. Robert Fuller, who were admitted to Bachelor of Commerce degrees, pictured with Mr. Justice Michael Kirby, a member of the Council of the University. Mr. Justice Kirby, Chairman of the Australian Law Reform Commission, was interested to learn that Messrs. Edwards and Fuller had completed a major in Industrial Relations with the Department of Legal Studies.

Leone Gotzy and her husband, Rudy, each a Bachelor of Science, who are working as science teachers.

Professor George noted the fact that the extraordinary expansion of universities in the Sixties had given place to the present situation of constant, or even declining, numbers of students seeking to enter universities.

Increasing participation in tertiary education resulted in rising proportion of the new entrants to the workforce having tertiary qualifications, and inevitably produced an apparent excess of new graduates in relation to the existing structures of jobs. Employers began to use graduates in jobs in which it was not formerly customary for them to do so.

Graduates tended to be forced to accept employment lower down the job hierarchy, with consequent dissatisfaction as employment aspirations were frustrated by the realities of the labour market, Professor George stated.

In its recent Report on Guidelines for the 1979-81 Tri-
ennium, the Tertiary Education Commission suggested that this situation would inevitably continue.

"Doubts about our educational system generally and the difficulties facing governments in allocating scarce resources against the many competing demands, have led to a proliferation of enquiries at local, State and Commonwealth level into all sorts of educational issues."

The Vice-Chancellor expressed his sincere hope that all this activity was productive and not purely the political response of delaying difficult decisions in the hope they might go away (or at least be deferred until after some forthcoming election). He would personally be a strong supporter of a new type of N.P.T. an Educational Enquiry Non-Proliferation Treaty.

He referred also to the increasing tendency to establish State-level co-ordinating authorities whose powers would include specific control over the universities in their state. This was a worrying development in that ever since the Murray Report in 1957 universities have been seen and treated as a single national system, and operate presently, as you know, under national financing.

The ultimate test of whether institutions such as our universities could survive in modern societies and continue in their centuries-old traditional role would not depend on a passing State/Commonwealth conflict, or on yet another educational enquiry, but on the essential value that Australian citizens placed on these institutions, the Vice-Chancellor stated.

Occasional addresses were also given by Emeritus Professor Ian Stewart (at the Engineering and Mathematics Confering of Degrees) and the new Vice-Chancellor of the University of New England, Professor R.C. Gates (at the Architecture, Economics and Commerce, Education and Science Confering of Degrees).

Professor Stewart retired just recently after a 12-year term as Professor of Chemical Engineering. Professor Gates is, as he announced, a newcomer to the ranks of the Vice-Chancellors. Before taking up his appointment at the University of New England he was Professor of Economics at the University of Queensland.

Professor Stewart recalled that his introduction as an undergraduate some 45 years ago was to Australian universities as predominantly educating for the professions. There was very little research activity, particularly in engineering, and very few pretensions that academics knew how to put the world to rights.

In Professor Stewart's opinion right now we have swung close to the other extreme. Research is an essential activity of every department and a high proportion of our academics find the stimulation of being members of the informal world-wide community of scholars in their chosen field. The research emphasis had not necessarily produced professionals suited to community needs, he said. The reaction to this was in the bitter denunciations which ushered in the C.A.E. system, without provoking adequate self-criticism from the Universities.

"A few of you may have an overwhelming ambition to attain great wealth or to achieve the prestige of leaders in your professional field. With the right combination of abilities you may get these. But there is a strong risk that, on the way, second priority may be accorded to the welfare of the community or the environment or the work force. Most of you will place a high value on economic security and..."

At the Arts conferring of degrees ceremony, two campus identities were amongst those who were admitted to degrees. They are Mr. Paul Drinkwater, a former President of the Students' Association, and Mr. Warren Johnson, who was involved in student drama and debating.

Dr. E.M. Andrews, of the Department of History, congratulates (from left) Dr. John Turner, who was admitted to a Ph.D. degree in History, and Mr. Peter McDonald, who graduated with Honours Class I in History and the University Medal.
on a breadth of interest, rather than complete devotion to your profession." One way or another we determine our goals and our values and find some meaning in life which carries us through the disappointments and misfortunes which happen. That will be our religion.

Professor Stewart remarked that despite the great confusion of words and statements we heard from the churches it was in the life of a worshipping community that he had found more than adequate meaning to life in the conviction of the presence and love of God, as seen through Jesus of Nazareth.

Professor Gates dealt in some detail with the financial constraints which have been applied on Australian Universities. He attributed the severity of these financial pressures in large measure to the transition from growth to stability. Stability also posed another problem, he said. While the universities were growing they were able to accommodate new developments and adjust to the changing patterns of student preferences and community needs. Now, if they wished to put more resources into some areas of activity they had to take them away from other areas. There are also consequences for morale in departments that are now static or declining.

Professor Gates stressed that the cessation of growth should not be allowed to destroy flexibility; and for this purpose the universities must be provided with a margin of funds, amounting to perhaps 2 per cent of their total operating budgets, with which they can initiate new developments in advance of the redeployment of resources from existing activities. Building and equipment were another cause of concern, he stated.

Apart from a few special areas of development, expenditure on new buildings in the universities virtually ceased at the end of 1975. All the universities, and especially the newer ones, now faced accumulated shortages of accommodation. The provision of equipment, too, has consistently fallen short of the needs of teaching and research since the drastic reduction in capital funds in 1976. The recommendations of the Tertiary Education Commission offered little hope of substantial improvement in accommodation or equipment during the 1979-81 triennium.

No, it's not a character from Alice in Wonderland or The Wizard of Oz. The gorgeously attired guest performer was pictured at a recent concert in The Union. Showing talent and style nobody previously guessed he had, "Elvis" Rooney (alias, Stan Rooney, the barman) looked confident that his career as a rock singer will rise meteorically.

The Vice-Chancellor giving the Occasional Address at the Arts conferring of degrees ceremony.
At a ceremony held in the Faculty of Economics and Commerce on Thursday February 9, a prototype painting titled 'Miner Washing his Work Clothes' was presented to the University in memory of the late G.F. (Frank) Rooney. The painting has been purchased from contributions made to a memorial fund by staff and graduates of the Faculty of Economics and Commerce. Professor M.O. Jeger, in presenting the painting to the Vice-Chancellor, Professor George, said that Frank Rooney, an honours graduate of the Faculty and a member of the staff of the Department of Commerce, had been highly respected by both students and staff (who he had been active in the professional accounting and secretarial societies, holding various executive positions. As a family man he had set a fine example for his children and had participated in both church and school activities. The high regard with which Frank had been held had been reflected in the generous response to the appeal. The Vice-Chancellor, in accepting the painting, offered condolences to the Rooney family and thanked the Faculty for providing a valuable addition to the University collection which would provide a worthy memorial to Frank Rooney.

Miss Kathy Rooney responded on behalf of the family. The painting is hanging beside the Commerce Monograph Collection in the Auchmuty Library.

REPORT FROM THE UNION

One hundred and forty names appear on a petition in connection with the kind of music being played in The Union. The Board of Management has asked Mr. Grant Kleeman and his fellow petitioners to supply a more detailed report for discussion at its next meeting (May 6). The petition contains protests against:

- The standard of music, both live and recorded.
- The venues of weekend entertainment. Tuesday and Wednesday nights should be as informal as possible, the petition states. The lower bar is more convenient. Part-time students would not have to be evicted at 8 pm.
- More variety in the type of entertainment provided.
- More recent commercial movies - "no more Buster Keaton, please".

The Board has accepted quotes for ventilation work to be carried out in the Common Room servery and the Union Kitchen. The work is urgently required to improve conditions for members of staff attached to the servery. Minor works designed to reduce the heat in the Southern Cross Lounge servery will be arranged by the Secretary/Manager and during the May vacation the bar in the Southern Cross Lounge will be extended to provide more room for staff who serve liquor.

The Southern Cross Lounge has more to offer students and members of staff than booze. It has been reopened as a Steak 'n' Ale offering juicy steaks, including ham, toasted sandwiches jaffle style, chicken pieces with smorgasbord salads. The Lounge is open from 11.45 am to 2 pm and is a congenial place to have lunch. Besides serving wines and beer, Leo Walsh, the barman, plays favourite tapes through the p.a. for his customers.

The world premiere, in the first week of Second Term, of Terry Smyth's and Bob Fletcher's rock musical, JIM FORTUNE. It is hoped that Radio Station 2JJ will come to Newcastle to record the show. It may also be played on 2NC. The show will run in the Drama Theatre from June 6 to June 10.

The last days of First and Second Terms will be changes from previous years. Bands have been hired to play from 1 pm to 12 mid-night and there will be no charge. The bar will not close.

In the election for student membership of the Library Committee of the Senate only one nomination was received. That nomination was for Antonio Aguado who has accordingly been declared duly elected.

The Board resolved to inform members of staff that favourable comments were made concerning the morning teas provided by them after the conferring of degrees ceremonies.

Hours of opening during the May Vacation will be as follows:
- Union Building, 9 am to 6.30 pm, Monday to Friday.
- Cafeteria - Lunch, Noon to 1.30 pm.
- Cafeteria - Coffee & Sandwiches, 2 pm to 6 pm.
- Cafeteria - Light Dinners, 4.30 pm to 6 pm.
- Common Room Servery, 10 am to 2 pm, Stan's Bar, Noon to 2 pm and 5 pm to 6 pm.
SPORTING NEWS

Mr. Pat Matthews, Manager of the Commonwealth Bank at the University, was representing his Bank when he presented trophies to the Sports Union for use as part of Campus Competitions. The Bank has provided shields for the Campus Scamper, Men's Basketball and Women's Basketball Competitions and cups for the Indoor Soccer and Touch Football Competitions. Mr. Mick Armstrong (Activities Organiser) and Mr. Harry Bradford (Amenities Officer) are with the Sports Union's thanks.

University Squash Club is booming this year, with 20 men's teams and nine women's teams competing in the district competition. Most of these teams are performing well. One is still a contender for the semi-finals. Two notable performances have been recorded by the men's A-grade team (previously unopposed holders of the wooden spoon) and the men's D-grade team.

The A-grade team (T. McLennan, J. Edwards, J. Pegg, K. Donnell and F. Wilkinson) finished the first round in first position on 119, with Mayfield close behind on 114. In the D-grade our team (D. Evans, C. Boswell, L. Martin and G. Wood) held a convincing lead and an impressive point score. After six matches they are on 118, with the nearest team on 97.

Possibly, the hardest fought grade is the women's B grade. Our University team (E. Burns, C. Bacchi, L. Brown, W. Dear and A. Craig) have a substantial 103 points, but are at present only in fourth position, with the First Team only 15 points behind.

Individuals had their chance in the recently-completed District Titles. The strength of University's B graders was evident, in that 10 of the 35 entrants in this grade were from our club. G. Working, J. Lidgey, R. Manning and K. Colyvas all made later rounds, with Ross Manning (second year Arts) being narrowly beaten 10-8.

The Commonwealth Bank Shield, awarded to the winning team, was won by Colin Whitehead, Bernie Hurran and Chris McCann. The "scamper" conducted over the course resulted in: Kim Stevenson (first man home), Tony Foot (first man home), Keith Stevenson, Richard Dear and Tony Foot (winning team).

PROFESSOR OF ECONOMICS

The Vice-Chancellor has announced the appointment of Dr. Ian Gayford Sharpe to the third Chair of Economics in the University. Dr. Sharpe, who is 36 years of age, was born in Sydney but received his university education in the USA, with the degrees of B.S. from the Southern Illinois University, M.A. and Ph.D. from Stanford University. He has held teaching appointments at Stanford University, Simon Fraser University and the University of Sydney where he is currently Senior Lecturer in Economics.

Dr. Sharpe's field is finance and monetary theory and policy, has carried out research on financial markets funded by the Reserve Bank of Australia, the Australian Finance Conference and several Australian National Savings Banks and since 1976 he has been a member of the Australian Government (Academic) Economics Advisory Panel. He is an active member of the Council of the Economic Society of Australia and New Zealand, N.S.W. Branch.

Dr. Sharpe will take up his duties in Newcastle on January 1, 1979.

DEPARTMENT'S $13,435 RESEARCH GRANT

The Department of Mechanical Engineering recently received a research grant of $US13,435 from the International Lead Zinc Research Organisation, Inc., New York, to study the feasibility of zinc rich paint reinforcement. The project will be supervised by Professor A. W. Roberts and Mr. O. J. Scott. The grant is in addition to grants totalling $US15,000 previously received.
STAFF MEMBER’S WORK ON BOOK

Professor J.A. Keats, of the Department of Psychology, is one of three editors of Cognitive Development, a volume which reports the results of research into cognitive development. Just published by John Wiley and Sons Ltd.

Psychologists, educationalists, psychologists, lecturers and students are likely to consult the book, which endeavours to create paradigms which are objective but capture the essence of the psycho-logic approach of Piaget. The authors present new theoretical and empirical findings resulting in a variation of some of Piaget’s formulations. Throughout, the book attempts to formulate and test consistent structural models of cognitive processes from pre-school up to and including adult cognitive behaviour of a kind not studied elsewhere. It shows how these models can be applied to mathematics elsewhere. It shows how these models can be applied to mathematics else­where. It shows how these models can be applied to mathematics else­where. It shows how these models can be applied to mathematics elsewhere.

The other co-editors of Cognitive Development are Professor K. Collis and Mr. G. Halford both formerly staff members of this university.

STUDENT’S ROLE IN TRILOGY

Mr. Vic Rooney, postgraduate student in the Department of Drama, is currently appearing in The Cassidy Album, fresh from the Adelaide Festival and now being presented at Sydney’s Seymour Centre.

The Cassidy Album, a trilogy of plays by Peter Kenna, is centred around an Irish-Australian family and the ills which beset them. Among other parts, Vic plays the central role of Dan Cassidy in the first play, A Hard God.

His thesis is largely concerned with Kenna’s work and the experience should provide him with an excellent opportunity to come to grips with the plays as performance pieces, as well as bringing him into direct contact with the author.

PHILOSOPHY CLUB CAMP

Keep the last weekend of first term (12-14 May, 1978) free for the哲学曲哲社 CLUB CAMP, at Morpheth Conference Centre (5 km from East Maitland). It is traditionally a weekend of stimulating exchange interspersed with consciousness­raising social events. Free wine, cheese and biscuits.

PROGRAMME

Friday 8 pm Theoretical Foundations of Radical Psychology 7 pm Bill Warren (Educ. Dept.) Followed by a party.

Saturday 10 am Freedom and Ethics. Bob Britts Greg Kerr


2,30 pm Freedom and Art. John Stowell (German Dept.) Prof. Alec Ritchie David Kibble.

Sunday 10 am Rationalism in Chinese Philosophy. Christine Davis (CAE).

10.45 am Puzzles and Paradoxes. Dr. John Lee Dr. Ralph Robinson.

Cost: full board $16 (for mem­bers $17). Individual meals available. Linen, if required, $1 extra.


MONDAY, MAY 8

7 pm Ethnic Radio (Italian)

7.30 pm Fine Music with Ken Wilby

9 pm The World of Books

TUESDAY, MAY 9

7 pm Ethnic Radio (Greek)

7.30 pm My Kind of Classics with Maurice Brooks

9 pm Science Magazine

WEDNESDAY, MAY 10

7 pm Ethnic Radio (Macedonian)

7.30 pm Wednesday Concert with Des Davies

9 pm Larrikins, Legends and Litterati. Perspectives on Australian creative writing. The last in the series. (SRTM-FM).

THURSDAY, MAY 11

7 pm Ethnic Radio (German)

7.30 pm Fine Music (Newcastle)

9 pm The Arts Programme. John Robson presents a review of the local arts scene.

9.30 pm Jazz Notes with John Armstrong.

FRIDAY, MAY 12

7 pm Ethnic Radio (Polish)

7.30 pm Friday Fine Music with Simon

9 pm A Question of Environment Four programs leading up to World Environment Day on June 5. # The beginnings

MONDAY, MAY 15

7 pm Ethnic Radio (Italian)

7.30 pm Fine Music with Ken Wilby

9 pm The Word This Week. Reviews, poetry and prose in a programme organised by the University of Newcastle’s Department of English.

TUESDAY, MAY 16

7 pm Ethnic Radio (Greek)

7.30 pm My Kind of Classics with Maurice Brooks

9 pm Collegium Medicum. Dr. H. Swick from the University of Newcastle’s Faculty of Medicine presents a series of interesting medical topics.

WEDNESDAY, MAY 17

7 pm Ethnic Radio (Macedonian)

7.30 pm Wednesday Concert with Des Davies

9 pm The World of Books. A weekly look at the world of literature and publishing. (BBC).

RADIO

Some of the highlights from Radio Station 2NUR-FM (frequency 103.9 MHz) during the next two weeks:

THURSDAY, MAY 4

7 pm Ethnic Radio (German)

7.30 pm Fine Music (Newcastle Conservatorium of Music)

9 pm Hunter Review. A local magazine programme.

9.30 pm Jazz Notes with John Armstrong.

FRIDAY, MAY 5

7 pm Ethnic Radio (Polish)

7.30 pm Friday Fine Music with Simon.
BLOOD PRESSURE
The University Health Service has arranged a blood pressure check day on May 11. It will be held in the Reading Room in the University Union Building from 10 am to 4:30 pm. No appointment is necessary. Just come, whether you're a student or a staff member, and we will check your blood pressure, tell you the reading and its significance in relation to your age. This will not be a diagnosis and/or treatment session.

ADVERTISEMENTS

SPECIAL BRIDGE
Is played on Mondays and Wednesdays between 12.30 and 1.30 p.m. in Room LG48 on the Lower Ground Floor of the Arts/Administration Building. All staff and students are welcome and all standards of play are catered for. If sufficient interest is shown, it is hoped to try and form a University Bridge Club. Enquiries Mr. S. Boyce (Exx. 134) or Mr. L. Farrell (Exx. 376).

TYING DONE
If you need any typing done ring Pat on extension 673133. Can pick up and deliver. Miss S. Bowcock is willing to type these, reports etc. Contact on 570424.

FOR SALE
Arai open faced Motor Cycle Helmet. Copper brown with dark brown strip down centre. Size large. 2 months old, no dents or scratches. $25. Phone 497009.

A single wardrobe, 1 single bed and mattress. $15 each. Contact Res. Medals on Ext. 617. After hours 751627.

Pair of water skis, suit learner, 12' Surf Cat with Life Jackets. $850 each. Contact Pat on Extension 375.

Camelot, plus knights, horses etc., toys for children, $15 the lot. Contact Extension 375.


WANTED
One standard size manual typewriter (not portable) in good condition. Contact Mrs. Medlin, Ext. 617 or after hours 751627.

Almmodation required in house with other students and/or staff members by single female tutor. Mr. J. Laffan at 685 357 or Ext. 357.

TO LET
At Minmi, in pleasant bushland setting, modern furnished brick home, two bedrooms, lounge, dining area, kitchen includes 10 cu. ft. freezer. Rental $50 per week. Lease arrangement, bond, references essential. Phone Ext. 659 or 68-1314.

DIARY OF EVENTS

FRIDAY, MAY 12
3.30 pm - French Films - Department of Modern Languages - Screened in Language Laboratory II.

SATURDAY, MAY 13
The History Club presents "A Rambble Up The Second Branch". Features of this year's bus tour will include:
Tomago House, Tomago Chapel, Oxenfield House, Barry and Barry Park, Stradbroke, Rosemount, Rosedale, Vacy, Tocal College and Minmi. Expert commentary will be provided by Professor Ross Deamer, of the Department of Architecture.
Bus leaves University No.2 Car Park at 9 am sharp. $5 for members, $5.50 for non-members. Book with Carol Bacchi, Room A0107A, Ext. 284.

TUESDAY, MAY 16
12.30 pm - Management Committee Meeting of the Public Service Association, Chemistry Building.

WEDNESDAY, JUNE 7
2.05 pm - French Films - Department of Modern Languages - Screened in Language Laboratory II.
3.05 pm - French Films - Department of Modern Languages - Screened in Language Laboratory II.

THURSDAY, JUNE 8
3.05 pm - French Films - Department of Modern Languages - Screened in Language Laboratory II.

FRIDAY, MAY 5
6.30 pm - The Classics Society presents Toga Night/Sheep Roast, Union Courtyard. Prizes for the best Toga. $3 per ticket may be purchased from the Classics Secretary.

SATURDAY, MAY 6
8 pm - Newcastle University Choir and Conservatorium Symphony Orchestra. presents Over the Requiem Mass Great Hall.

MONDAY, MAY 8, TO FRIDAY, MAY 12
Exhibition of works by Artist-in-Residence Tom Thompson, Great Hall.

MONDAY, MAY 18
4 pm - Committee that advises the Vice-Chancellor on Traffic and Parking matters.

5.30 pm - Board of Management of the Union.

TUESDAY, MAY 9
8 pm - Public lecture on Consumer Law by Mr. John Goldring, of the University of New South Wales, Mathematics Building.

THURSDAY, MAY 11
3.05 pm - Two documentaries on the poet/playwright Paul Claudel. One col., one black and white, no subtitles, one starring Claudel himself. French Films - Department of Modern Languages - Screened in Language Laboratory II.

MONDAY, JUNE 12
8 pm - Public lecture on Consumer Law by Mr. John Goldring, of the University of New South Wales, Mathematics Building.

THURSDAY, JUNE 15
3.05 pm - French Films - Department of Modern Languages - Screened in Language Laboratory II.

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