Professor Eric O. Hall, a former Deputy Vice-Chancellor and Professor of Metallurgy at the University, has taken up his appointment as Deputy Chairman of the Universities Commission in Canberra.

Professor Hall fills a position on the Commission recently created by Parliament. He now becomes the second Deputy Chairman. Professor F.B. Bull is the other.

While Professor Bull is concerned with University building developments, Professor Hall's priorities would be equipment, special research grants and new developments, particularly in Science and Engineering Faculties.

He has taken up his appointment in Canberra on a seconded basis until certain formalities of transfer are completed.

Associate Professor A. Oates is Acting Head of the Department of Metallurgy until the university fills the vacant Chair created by Professor Hall's move to Canberra.

The Vice-Chancellor paid a tribute to Professor Hall for his great contribution to the development of the University not only as an administrator but also as a distinguished author of books and papers dealing with his academic subject.

Professor Auchmuty said that Professor Hall had been active on behalf of technological disciplines within the University and on outside committees culminating in his recent election as Senior Vice-President of the Australian Institute of Nuclear Science and Engineering.

The Vice-Chancellor expressed his belief that Professor Hall's recent, if brief, experience as Executive Member of the Planning Committee would be of great assistance to him in his new appointment where his talents would be utilized on behalf of all the Universities in Australia.

HONORARY DEGREE FOR THE VICE-CHANCELLOR

The Vice-Principal, Professor A.D. Tweedie, has announced that an honorary degree of Doctor of Letters will be conferred on the Vice-Chancellor at a special Graduation Ceremony in the Great Hall of the University on Thursday, 12th December, at 3 o'clock.

Professor Tweedie said it was the University's wish that the congregation at the ceremony be as broad and representative as possible, with members of staff, students, members of Convocation and citizens attending to honour the University's Foundation Vice-Chancellor, who will retire on 31st December.

The University's normal operations will be suspended to permit members of staff to be present.

FURTHER "PROM" CONCERTS

The A.B.C. National Training Orchestra will visit the University again on Saturday, 7th December, to present "prom" concerts in the Great Hall. The Department of Community Programmes is organising the concerts with the A.B.C.

There will be no reserved seats. The main floor of the Great Hall will be cleared of seats and people will sit on blankets or cushions on the floor. Admission to each concert will be by programme costing 50 cents.

The concerts will be given by the orchestra at 2 p.m. and 7 p.m. The concert at 2 p.m. will include works by Mozart, Schubert, Holst, Smetana and Kodály. At 7 p.m. the orchestra will present a programme of works by Rossini, Mozart, Hill, Prokofiev, Shostakovich and Tchaikovsky. The Conductor will be the Director of the Orchestra (Mr. Robert Miller) and Darryl Poulson will be guest horn soloist.
"The Environment and the Quality of Life" is the title of a one-week, non-residential Summer School to be held at the University from 20th-24th January, 1975.

The school will be conducted by Convocation in association with the Department of Community Programmes.

In the morning sessions all students will be together, listening to the lecturers, and discussing the issues they raise. For the afternoons, people will select their own courses from a four-way choice.

The theme lectures:

Monday, 20th January, "Energy: Needs and Resources", lecturer Professor D.W. George
Tuesday, 21st January, "The Meaning of Conservation", lecturer Mr. Vincent Serventy
Wednesday, 22nd January, "The Environment and Community Responsibility", lecturer Mr. Milo Dunphy
Thursday, 23rd January, "The Environment as People", lecturer The Hon. A.J. Grassby

The afternoon courses will deal with Community Organisation, Naturalists at Work, Living with Technology and Enjoying the Arts.

The five sessions of Enjoying the Arts will be conducted by Dr. Donald Moore (Drama), Tom Naisby (Music), Barry Shepherd (Visual Art), Margaret Barr (Movement) and David Boyd (Film).

The fee for the school is $10. Enrolment can be arranged by the Department of Community Programmes.

HANDBOOKS COMING OFF THE PRESS

Copies of Handbooks for the Faculties of Applied Science, Architecture and Science are available from the Cashier and it is expected that copies of Handbooks for the remaining Faculties will be available before Christmas. Handbooks cost $1 each; packing costs 20 cents; postage costs are based on a weight of 250-500 grams and the rate for particular areas.

NEW CHAIRMAN OF VICE-CHANCELLORS' COMMITTEE

The Australian Vice-Chancellors' Committee has appointed Professor David Derham, Vice-Chancellor and Principal of the University of Melbourne, to be its Chairman in 1975 and 1976. He will succeed Professor B.R. Williams, Vice-Chancellor of the University of Sydney, who has been Chairman for the past three years.

The Deputy Chairman of the Australian Vice-Chancellors' Committee in 1975 will be Sir George Cartland, Vice-Chancellor, University of Tasmania.

VICE-CHANCELLOR HONOURED

Whilst the Vice-Chancellor was in London for a meeting of the Council of the Association of Commonwealth Universities, a presentation was made to him "for having rendered some outstanding service to the Association and/or the Universities of the Commonwealth".

The presentation, made by Sir Charles Wilson, Principal of the University of Glasgow, at Marlborough House, consisted of an engraved antique punch ladle.

ADDRESS TO BE GIVEN BY MR. WINTER

Newcastle Committee of the Economic Society will hold its next meeting at the Staff House on 9th December after dinner beginning at 7.15 p.m.

The address will be given by Mr. T.C. Winter, whose subject will be "The Current Industrial Relations Scene".

Mr. Winter was a Commissioner of the Conciliation and Arbitration Commission from 1963 to 1971 and played a significant part in developments in the Metal Trades area. In particular he was the key figure in the 1966-67 Metal Trades Work Value Inquiry. More recently, Mr. Winter has established an industrial relations consultancy business and, foremost among his current projects, is an investigation of industrial relations in the Government Aircraft Factories for Mr. Enderby, Minister for Manufacturing Industry. In 1973, he prepared a
report on Power Over Prices and Incomes for the Prime Minister.

Mr. Winter intends to integrate into his address some of his more recent research work, which will be of particular interest to economists.

TRAFFIC REPORT FOR CIRCULATION

The University Council has decided that the report on parking and traffic problems on the campus should be distributed widely. The Council wants the report, prepared by Professor W.R. Blunden of the School of Transportation and Traffic at the University of New South Wales, to prompt comment, particularly from members of the Academic Advisory Committee.

A copy will be sent for comment to Laurie and Heath Pty. Limited, Architects, consultants for the Master Plan of the University.

Professor Blunden summarised his investigation in the following terms:

(a) the location of the University and the C.A.E. makes the car the preferred, and in many cases, the only effective means of access for students and staff alike.

(b) the University authorities have recognised this and current plans provide for virtually complete auto-orientation of its access up till about 1978, when some 4,000 cars needed to serve a population of 7-8,000 will environmentally saturate the Campus.

(c) the climate on transport affairs generally seems right for some considerable initiative with public transport plans; in saying this I have noted in my study that University Administration has already been active in this matter but consideration should be given to bringing buses onto the Campus and also to the possibility of a University bus feeder service.

(d) there is an opportunity for staff and students to pursue the matter of group riding; the time is also right for this and some education activity in the matter would be worthwhile.

(e) failing progress with (c) and (d) serious thought should be given to limiting the population of the Campus to about 8,000.

(f) it seems that Route 23 and County Road 14 will be confirmed in their present locations.

(g) so far as vehicular access generally is concerned the present main entrance should be retained and improved as the ceremonial front gate. However, the principal "working" entrance should be a grade separated access on County Road 14.

(h) the internal road system of the University and the C.A.E. should not be amalgamated.

(i) on the matter of on-campus traffic regulation and control it would be appropriate to embrace a philosophy that -

   (i) assumes all staff and students have a right to use a car as their means of access and except for very senior officers and visitors no allocation of parking space be based on an individuals' status,

   (ii) that sound regulations for the dynamic aspects of car usage of the Campus are in general self-enforcing,

   (iii) enforcement will be necessary for matters relating to (ii) above but that this should be done primarily by good supervision, education, "compulsory" education for offenders and fines as a last resort.

BANK MANAGER TRANSFERRED

Mr. F.G. Moody, who has been Manager of Newcastle University Branch of the Commonwealth Bank for the last five years, has been informed that he will be
transferred to The Junction Branch. Mr. Moody's successor has not yet been appointed.

REPORT FROM THE STUDENTS' ASSOCIATION

The Council's representatives on the Board of Management of the Union were directed to bring to the notice of the Board the fact that members of the S.R.C. staff objected to loud pop concerts being held in the Southern Cross Lounge. It was noted that members of the S.R.C.'s staff felt that their case was perhaps even stronger than the case submitted by members of the staff of the Union, since during the concerts all S.R.C. work must cease, even the answering of phones being impossible.

* * * * * * * * * * * * *

The Council agreed to enter into an agreement with the A.U.S. Friendly Society for the establishment and operation on campus of a pharmacy from First Term, 1975.

The basis of the agreement is that: the Students' Association lend the Friendly Society $7,000 at 5% per annum interest, the Friendly Society takes any losses or profits, the Students' Association pays a levy of 25% a student per year to the Friendly Society, Newcastle students who buy at the pharmacy be entitled to a 50% discount on all goods, the pharmacy be managed by a local board and the pharmacy be operated at least three hours a day during term time.

* * * * * * * * * * * * *

Greg Ferrett, Terry Snape and Michael Quirk were elected to a Committee to look into the feasibility of printing condensed versions of past examinations papers and, "in view of the anti-assessment campaign, future examination papers also, if possible".

* * * * * * * * * * * * *

Considering traffic and parking problems on the campus, the Council resolved to oppose strongly the erection of manned control booths to regulate and restrict traffic flow on any part of the site.

The Council expressed its strongest opposition to the imposition of a fine for a first parking offence.

It also approved the use of site-obstructing windscreen stickers to discourage illegal parking, but stated its opinion that only one sticker should be put on a windscreen at any time, that the size should not exceed 6" by 1½" and that stickers be removable, therefore not interfering with safe driving.

TRANSFER OF DEPARTMENT OF METALLURGY

The University Council has restructured the University's Faculty organisation. The Department of Metallurgy has been transferred to the Faculty of Engineering from 1st January, 1975. In consequence, the courses presently under the supervision of the Faculty of Applied Science will be transferred to the supervision of the Faculty of Engineering from 1st January, 1975, subject to the rights of students currently enrolled being preserved.

The Council was told that the Faculty Board, Faculty of Applied Science, which supported the transfer had raised a number of points. For example, there were the mutual benefits to the Department of Metallurgy and Departments in the Faculty of Engineering, including the increased number of options that would become available to undergraduates and the rationalisation of courses offered in the Material Sciences.

NEWS IN BRIEF FROM THE UNIVERSITY COUNCIL

The Vice-Chancellor stated that in addition to the grants to be made to members of staff for research projects in 1975 (reported in the last University News) a grant of $8,347 would be made to Assoc. Professor B.A. Engel, of the Department of Geology, and Assoc. Professor J. Roberts, of the School of Applied Geology, University of New South Wales, for a joint project entitled "Evolutionary and Ecological Variation in Carboniferous Marine Invertebrate Zones of Eastern Australia".

* * * * * * * * * * * * *

The University Council fixed the limit on the intake of new first-year
undergraduates next year at 1,350, the same target figure used for this year. The Council's aim is to keep student numbers as close as possible to the forecast made by the Universities Commission.

The Council was informed that following the election of Professor K.R. Dutton as Deputy Chairman of Senate for the two-year term commencing 1st January, 1975, the Retiring Deputy Chairman, Professor C. Ellyett had resigned from the University Council. This action is a convention followed by Deputy Chairmen. An associated convention is the expected election by Professors from their own number of the new Deputy Chairman to fill the vacancy on the Council.

Professor J.A. Keats was appointed Head of the Department of Psychology for two years from 1st January, 1975.

Mr. G. Couper-Hill was appointed Acting Head of the Department of Legal Studies and a member of the Senate for seven months during the absence on study leave of Professor K.E. Lindgren.

The fees for accommodation at Edwards Hall in 1975 were increased by the Council in an endeavour to cover increased labour costs and food and material prices. The basic residence fee for an undergraduate will be changed from $26 a week to $30 a week. The Budget assumes that some services will be reduced or not provided in 1975 and that all rooms in Edwards Hall are occupied for the full academic year. The Council approved a new scale of fees subject to the Vice-Chancellor having authority to vary fees for second and third Term, 1975, if there are financial reasons for this action to be taken.

The Board of TUNRA, the university's educational and research organization, has decided to spend $5,000 on the purchase of additional books for the Auchmuty Special Collection to mark its appreciation of the retiring Vice-Chancellor's services.

The Council has authorised the Vice-Chancellor to enter into a contract on behalf of the university for the construction of the Community Child Care Centre. The Commonwealth Department of Education has agreed to make grants for the project and is presently considering the sketch designs. The architects have indicated that if approval is given by the Department tenders could be called in December.

After lengthy discussion, the Council decided that the traffic control booth on the road which borders the C.A.E. site should be removed.

Council resolved that an honorary degree of Master of Architecture should be conferred on Professor E.C. Parker during the ceremony for the conferring of an honorary degree of Doctor of Letters on the Vice-Chancellor in the Great Hall on 12 December. The view was expressed that Professor Parker had, whilst University Planner, greatly contributed to the university obtaining attractive buildings and surroundings.

APPOINTMENTS

Mr. L.J. Caldwell and Mr. J.M. Falconer have taken up their appointments as Assistant Bursars in the Administration.

Mr. Caldwell, who holds a Bachelor of Commerce degree in this university and is a Senior Associate of the Australian Society of Accountants, was Group Management Accountant for Newbold General Refractories Limited before joining the University.

Mr. Falconer, a Senior Associate of the Australian Society of Accountants and an Associate of the Bankers' Institute of Australasia, was previously Bursar of Papua-New Guinea University of Technology at Lae.

Dr. K.R. Maher, a B.A. Graduate in the University of Sydney and a Ph.D. in Macquarie University has commenced duty as a Lecturer in Psychology. He was formerly a Demonstrator in Psychology.

Dr. J.G. Pryer has taken up duties as a Lecturer in Civil Engineering and will
specialise in Surveying and in Systems work. He graduated from the University of New South Wales as a Bachelor of Surveying, with Honours Class I and a University Medal, and, in 1970, as a Doctor of Philosophy. Dr. Fryer was until recently an Honorary Fellow in the Australian National University.

RESIGNATIONS

Dr. M. Wiseman, a Computer Programmer in the Computer Centre, has resigned to take up an appointment as Systems Programmer at Flinders University of South Australia. He leaves the university on 20th December.

His wife, Robina, a stenographer in the Department of Legal Studies, has also lodged her resignation effective on 16th December.

Miss S.R. Shenoy, Lecturer in Economics, will leave the university's service on Christmas Eve to take up an appointment at Cranfield School of Management, U.K.

NEW YEAR'S EVE REVELS

The Committee of the Staff House Club has decided to hold New Year's Eve Revels for members of the Club and their friends on the night of 31st December.

The Staff House will open at 9 p.m. A New Year's Eve Cabaret will be presented by Colin Anderson and a cast of five in the Drama Theatre, after which a smorgasbord supper, with champagne, will be served in the Staff House. There will be dancing and whoopee until approximately 1.15 a.m.

Colin Anderson is Lecturer in Drama at Riverina College of Advanced Education. A former student of the university, he is well-known for the revues he presented in the "Tighes Hill days".

Admission costs members of the Staff House $6 each. Accommodation is limited.

GEOL OGIS C S O C I E T Y 'S M E E T I N G

The November/December meeting of the Hunter Valley Branch of the Geological Society of Australia will be held on Friday, 6th December, in Room G03, Geology Building at 7.30 p.m.

The address will be delivered by Mr. J. Gamble, Senior Demonstrator in the Department of Geology. His address will be titled "The Volcanic History of the North Atlantic." Vulcanism in the North Atlantic Province will be traced from Tertiary to Recent times and will be illustrated with maps and colour slides.

AUSTRALIA PARTY DEVELOPMENTS PLANNED

Information has been received about the reorganization of the Australia Party at the University of Newcastle and Newcastle College of Advanced Education.

Mr. A.C. Tane, who signed a letter, Acting Branch Convenor, wrote that as from 2nd December separate sub-divisions would operate at both educational institutions, but only on a temporary basis until elections were held next March.

"It is proposed that the Club organization be entitled 'Newcastle University and College of Advanced Education Australia (Left Liberal) Club', a title based on an association of Australia Party members and also of 'liberals'.

"The principal aims of the Australia (Left Liberal) Party Club will be:

(a) to foster and promote the objectives of the Australia Party amongst the staff and students of the institutions, and

(b) to accept the responsibility to present the views of the Australia Party at external and internal elections.

"As yet we have not made any impact as a group on University and College affairs and next year we will be having a special programme designed to advance our position in College and University".

ACADEMIC POSTS FILLED

The Sub-Deans of the Faculties in 1975 and 1976 will be:

Architecture, Mr. S.C. Morton
Arts, Mr. P.G. Peterson
Economics and Commerce, Mr. W.C. Dunlop

Engineering, Mr. K.R. Bridger
Mathematics, Assoc. Prof. W. Brisley
Science, Dr. D.C. Finlay
A seminar in the Drama Theatre of the University on 18th December, beginning at 10 a.m. will provide an in-depth analysis of the new Trade Practices Act. Registration costs $10. The seminar is being organised by the Department of Community Programmes and Newcastle Branch of the Australian Society of Accountants.

STAFF PROMOTIONS

The Vice-Chancellor has elaborated as follows in respect of promotions recently made by the University Council:

Mr. R.M. Deamer, to be Associate Professor of Architecture:

Mr. Deamer, who obtained his Diplomate in Architecture at the Sydney Technical College, was a well-known practitioner in Newcastle and the Hunter Valley area prior to joining the staff of the University of Newcastle in 1966 after a period as a part-time lecturer in the Department of Architecture of the University College. Professor Deamer has led a very active life both professionally and academically and in 1968 was the Chairman of the Newcastle Division of the N.S.W. Chapter of the Royal Australian Institute of Architects and as such a member of the Council of the N.S.W. Chapter. He was also for a number of years a member of the Board of Architectural Education and was also on several occasions Sub-Dean of the Faculty of Architecture.

Greatly interested in architectural history and particularly in the development of settlements in the Hunter Valley he was admitted to the Degree of Master of Architecture in the University in 1972 for a thesis entitled: "Houses Erected on Original Land Grants in the Lower Hunter, William and Paterson River Valleys from 1800-1850" and he followed up his interest in architectural history during his sabbatical leave in England where he spent a considerable part of his time at the Institute of Advanced Architectural Studies within the University of York.

Professor Deamer has been closely connected with the work of the National Trust and has continued to undertake a number of architectural commissions particularly in the design of social clubs in the area. Well known as a golfer, he has given many lectures outside the University in architectural history and was Administrative Officer of the Faculty of Architecture for a period of 1973.

Dr. B.A. Engel, to be Associate Professor in the Department of Geology:

Dr. Engel is an Honours Graduate of the University of New England, where he also took his Master's degree and subsequently obtained his doctorate at the University of Newcastle. After a period as an Assistant Geologist with the Geological Survey of New South Wales he joined the staff at the Newcastle University College as a lecturer in Geology in 1957 and was promoted to senior lecturer in 1964. During 1966-67 he was Associate Professor in Geology in the Department of Earth Sciences at Purdue University, Indiana and in 1973-74 he was overseas on full-time research at the Free University of Berlin and the Philipps University Marburg as a distinguished Palaeontologist. Professor Engel has published extensively both in Australia and overseas and has also been active in the development of the Department and in improving its relations with the community. He was Sub-Dean of the Faculty of Science in 1972-73 and has been active in the organization of the Annual Symposium on 'Advances in the Study of the Sydney Basin', which is run by the Geology Department and of which he was Chairman in 1969.

Dr. J.T. Giles, to Associate Professor in the Department of Mathematics:

Dr. Giles is an Honours Graduate of the University of Sydney where he also took his Diploma in Education and subsequently achieved his doctorate at the University of Newcastle. After several years as a High School Teacher he was appointed in 1959 to be a lecturer in the Department of Mathematics at the University College Newcastle and became a senior lecturer in 1969. On his sabbatical leaves he has been a temporary lecturer in Mathematics at the University of Edinburgh and at McMaster's University in Canada. An expert in differential geometry he has given many papers at Universities in Australia, the United Kingdom and in the United States of America and in addition to a book "Real Analysis - An Introductory Course" has published a number of papers in international Mathematical Journals. Professor Giles has participated in a number of international conferences and is currently the President of the University of Newcastle Staff Association.

Mr. P.G.P. Irwin, to be Associate Professor in the Department of Geography:

Mr. Irwin is a graduate of the Universities of Sydney, Queensland and New South Wales and was for many years a teacher in the N.S.W. Department of Education and Lecturer at the Newcastle Teachers' College before joining the University of
Newcastle as Lecturer in 1968, being appointed a Senior Lecturer the following year. Especially interested in the geography of the South East Asia Professor Irwin is the author of seven monographs, some of them such as *Systems in Human Geography* being of considerable length and also of a large number of papers. Active in the Institute of Australian Geographers Professor Irwin has been for many years its Honorary Treasurer and has acted as Chairman of the Geography Syllabus Committee of the Board of Senior School Studies for N.S.W. and is currently Chairman of the Higher Schools Certificate Examination Committee for Geography. In 1969-71 he was President of the Newcastle University Staff Association and has been active both inside and outside the University in non-departmental activities. His field work particularly in Papua New Guinea has been funded from a wide variety of sources.

Mr. W.F. Geyl, to be Associate Professor in the Department of Geography:

Mr. Geyl, a graduate of the University of London and of the University of Utrecht, is of both British and Dutch background and was for a period a Secondary School Teacher in Holland and subsequently a civil servant in the employ of the Central Government and also of the City of Rotterdam. After a period as Deputy Head of the Information Section of the Netherlands Emigration Service he himself migrated to Australia in 1956 and was employed as a Planning Officer with the Cumberland County Council. In 1957 he was appointed a Lecturer in the Department of Geography at the Newcastle University College and was appointed Senior Lecturer in 1961. A specialist in Geomorphology Professor Geyl has contributed to the Study of Tidal Stream Action and River Meanders and in the opinion of world authorities has made a significant breakthrough in this field; he has also participated actively in Geographical Societies both in Australia and overseas. During the war he was involved with the Switz Resistance Movement and held commissioned rank in the Royal Dutch Air Force. In the University he was the Foundation Chairman of the Staff Club and thereby made a major contribution to the welfare of his colleagues.

P.S.A. ANNUAL GENERAL MEETING

The annual general meeting of members of the university's sub-division of the Public Service Association on 4th December was attended by 110 members.

Mr. N. Keats and Mr. M.E. Edmonds were returned unopposed as Chairman and Secretary respectively. In the election of members of the Management Committee, Mr. J. Nicholson (Laboratory Craftsmen), Mr. S. Jordan (General division), Mr. D. Kay (Professional Officers) and Mr. J. Leis (Laboratory staff) were unopposed and were declared elected. Ballots were held to decide who would fill the other positions, with these members successful: Mr. W. Bates (Administrative and Clerical Staff), Mrs. J. Odgers (Stenographers), Mr. L. Faidiga (Library Staff) and Mr. J. Armstrong.

Mr. Keats was elected representative to Central Council and Messrs. Keats and Edmonds representatives to the P.S.A. Annual Conference. Mr. F. Boden was elected unopposed as Returning Officer.

Mr. Keats said 214 members of the staff belonged to the P.S.A. This was only 67 per cent of the members of the non-academic staff eligible to join. He urged people present to inform newcomers about the existence of the subdivision and its activities.

CREDIT UNION NEWS

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

WOULD MEMBERS PLEASE NOTE THAT THE CREDIT UNION OFFICE WILL CLOSE AFTER TUESDAY,* 17TH DECEMBER, 1974 AND REOPEN ON TUESDAY, 7TH JANUARY, 1975. *

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

Two hundred and forty names are on the books of the University Staff Credit Union, showing a steady increase in membership of about five new members per month.

The Credit Union's Chairman (Mr. M.E. Edmonds) said the increase reflected the growing confidence of staff members in their Credit Union.

For the financial year ended 30th June, 1974, the Credit Union advanced 109 loans, compared with 91 for the previous year.

The sum held in shares and savings at the end of the year was $67,786, as against $45,252 a year before.

Mr. Edmonds said the average savings per member had increased to $274.

The Federal Government had given permission for child endowment and certain
pension cheques to be paid direct to the Credit Union.

Members could now borrow again, following a temporary closing of the books because of the tight liquidity position. Borrowings could be made provided borrowers had saved for at least three months with the Credit Union.

The maximum loan was $1,000 and the maximum borrowing period two years. As from 3rd December, the interest rate on loans would increase by 0.2% to 1.2% a month assessed on the monthly reducing balance. Staff members who have not joined the Credit Union could do so by applying at the Credit Union Office which is located in Room T25 in the Temporary Buildings. The office is open on Tuesdays and Thursdays from 12.45 to 1.15 p.m.

To become a member it is necessary to pay $10.50, which covers the purchase of five shares, each worth $2, and a joining fee of 50¢. Minors can join by paying $2.50 - the cost of one share plus a joining fee.

ANY HANG-UPS ABOUT SCIENCE?

A symposium, "Science and the People - Popular Images and Reality", to be held during the ANZAAS Congress in Canberra from 20th-24th January, will attempt to provide a participatory forum for scientists and non-scientists to confess and analyse their hangups about science.

Members of this university have been requested to take part. Contributions should be substantial but concise (5 mins. max). They should draw on personal experience to illustrate the speaker's own self-image as a scientist, or, in the case of non-scientists, the speaker's image of science as it is presented to him through the various media of communications.

'Phone or write to the Convenor, Dr. Peter Rockley (University of N.S.W., Box 1, Post Office, KENSINGTON. N.S.W. 2033; Sydney 662 3464).

TUNRA’S ANNUAL MEETING

The annual general meeting of The University of Newcastle Research Associates Limited will be held in the Council Room on Thursday, 12th December, at 5 p.m.

CONTRIBUTIONS INVITED FOR "BLACKSMITH"

Contributions are being sought from students and staff of Australian universities for The University of Wollongong's 1975 edition of "Blacksmith", a magazine of the creative arts.

Editor of Blacksmith, Mr. Gary Hayes, a tutor in the Department of English, said today that illustrations, poems, short stories and articles would be gratefully received.

Mr. Hayes said that Blacksmith Volume 2 was a very special edition because it would be published in University Year, the name given to the University of Wollongong's first year as an independent university.

He said that contributions should be typed, double spaced, and should also include self-addressed envelopes. For illustrations, line drawings were preferred. Black and white photographs could also be submitted.

Contributions should be sent to: The Editor, Blacksmith Volume 2, 1975, Department of English, Wollongong University College, Box 1144, Post Office, WOLLONGONG. Deadline is 1st January, 1975.

ADVERTISEMENTS

HOUSE TO RENT: 12 months from 22nd January, 1975, Dr. and Mrs. O. James, 84 Nesca Parade; 'phone 2 1914; fully furnished, four bedrooms, study, rumpus room, double garage.

HOUSE FOR RENT IN SYDNEY: For three weeks, early next year, from 18th January to 7th February, very large house, restored terrace, three bedrooms and bathroom upstairs, double living room, separate dining room, h.w.s., automatic washing/drying/dishwashing machines, fully furnished, linen, etc., very handy to restaurants, galleries, beaches and the city, available to someone who will treat it kindly; $80 per week, reply to J.W. Armstrong, Ext. 341.

FOR SALE: Newcastle University M.A. gown, mortar and hood, as new, $27. Ring 68 5272.

TO LET: Mid-December, 4 bedroom house, New Lambton, for details ring 2 2437.
WANTED TO BUY: Second-hand Continental tent to sleep four; must have built-in floor and be in good condition. Please ring 54 3578 after hours.

FOR SALE: 12-month-old Terada steel strung folk guitar, good condition, $30, 'phone 67 2311.

THESIS TYPING: Christine McGovern, of 19 Alfred Street, Newcastle is a typist available indefinitely for thesis typing, etc.

FOR SALE: 1 x Beaucort Message portable typewriter in case 1 x Teknik electric adding machine - both in good condition, $50 the lot; ring Ext. 401.

POSITIONS AVAILABLE

Applications are invited for the following positions:

Stenographer Department of Civil Engineering Position No. N144/74
Stenographer Department of Biological Sciences Position No. N145/74
Stenographer Department of History Position No. N146/74

Competent and experienced stenographers are required. Commencing salary will be up to $109.95 per week, depending upon age, qualifications and experience. In addition efficiency allowances up to $9.97 per week can be gained by passing speed tests at examinations. The positions will become available in early February, 1975.

Applicants are asked to show on their application form the shorthand and typing speeds which they are confident of achieving under test conditions.

Office Assistant/Typist Secretary's Division Administration Position No. N150/74

Applications are invited for the above position from competent touch typists experienced in office routine who have obtained typing speeds of 50 words per minute.

Commencing salary will be up to $107.34 per week depending upon age, qualifications and experience. Efficiency allowances up to $4.99 per week can be gained by passing typing speed tests at examinations conducted by the University.

Laboratory Craftsman Department of Mechanical Engineering Position No. N142/74

Applications are invited for the above position. The appointee will work on the manufacture and maintenance of instruments and equipment used for teaching and research purposes and will have access to a range of machine tools and equipment in the Engineering Faculty workshop. Applicants should have completed a relevant Trades course and have had comprehensive experience in the metalworking trades. Experience in the development of special purpose equipment, e.g., in the field of instrumentation and control, would be an advantage. The position will become available in early February, 1975.

Commencing salary will be within the range $137.03 to $153 per week depending on age, qualifications and experience.

The above applications close on 10th December, 1974.

Laboratory Assistants/Technical Officers (3 positions) Department of Biological Sciences Position No. N143/74

Applications are invited for appointment to positions at either the Laboratory Assistant or Technical Officer level. The positions will become available in February, 1975. For appointment as a Technical Officer, applicants must possess a Technical College certificate in Biology, or have completed other qualifications deemed by the University to be equivalent and appropriate.

Previous laboratory experience is necessary, experience in a University biological laboratory would be advantageous. For appointment as Laboratory Assistant, formal qualifications are not essential but previous working experience in a laboratory would be advantageous. Duties will vary according to the level of appointment but appointees could be associated with the following: the preparation of materials, specimens and equipment for student practical classes, the maintenance of stocks of Drosophila, bacteria, fungi and the breeding and maintenance of the laboratory animals.
Salary ranges are Laboratory Assistant Adults $5,482 - $5,875 per annum, juniors are paid according to age. Technical Officer $6,119 - $7,921 per annum depending upon qualifications and experience.

Applications close on 16th December, 1974.

Application forms may be obtained by telephoning the Personnel Section, ext. 518.

SPORTING NEWS

Athletics - Each Tuesday evening, the University Athletics Club conducts a twilight training meeting at No. 2 Oval at 6 o'clock, with events conducted over odd distances. Some events are handicaps, and any student or staff member is welcome to come along and train or compete.

In conjunction with this, at 5 p.m., the Activities Organiser, Stan Barwick, is available on No. 2 Oval to provide guidance and assistance to any person wishing to commence a fitness programme.

For further information ring Stan on Ext. 601.

Blues Association - On Monday, 25th November, at a Blues Association meeting, the following students were recommended to the University Council for the award of Blues:

- Lyn Van Homngh, Hockey
- Judy Walter, Hockey
- Doug Cummings, Hockey
- Robert White, Soccer
- John Pegg, Squash
- Frank Wilkinson, Squash

Squash - University Squash Club has just completed its most outstanding season on record, winning no fewer than four premierships from five Grand Finals contested.

- B2 Grade Ladies defeated Belmont in the Grand Final. The team comprised: Bronwyn Tarrant, Caroline Cranfield, Joan Ruse, Bess Burns and Brenda White.
- C3 Grade Ladies beat Hunter in the Grand Final. The team: Judy McLeod, Annabelle Symes, Margaret Heron and Mary-Lyn Brien.
- A Grade No. 1 Men won the Minor and Major Premierships. The team was: Terry McLennan, Kevin Donnelly, John Pegg, John Edwards and Tien Bong.

Terry McLennan was selected to play No. 4 in the Newcastle team which played a Combined Sydney team at Wallsend on 30th November.

- A Grade No. 2 Men was beaten in the minor semi-final by Cardiff. The team was: Les Darcy, Frank Wilkinson, Ray Armstrong and Paul Casey.
- B Grade Men was beaten by Broadmeadow in the Grand Final. The team comprised: Bruce Morrison, Ian McGee, John Robson, Thomas Presbury and Colin East.
- E2 Grade Men won the Grand Final. The team comprised: Robert Lewin, Mick Jonas, John Thomas and Danny Wilkinson.

Sports Centre - Stage I of the Auchmuty Sports Centre is being completed and is scheduled to be officially opened on Sunday, 8th December.

The Centre adds facilities for indoor sports (basketball, badminton, gymnastics, volleyball, weightlifting and table tennis) to the outdoor sporting facilities existing on the campus.

Costing $300,000, the building incorporates two interesting elements in its design - proximity and flexibility. Proximity is seen in the building's location. Close to the No. 2 Oval and the proposed No. 3 Oval, it provides change-rooms for not only people using the sports centre but also people playing sport on the ovals.

The building's flexibility is derived from the multi-purpose main hall and the "temporary" western wall, which will be demolished when Stage II is commenced.

Erection of the Sports Centre is regarded by the University's Amenities Officer (Mr. H. Bradford) as "a dream come true". Attempts to get the building approved failed in 1968, when the Universities Commission was unable to allocate funds for its construction. Mr. Bradford said that every University in Australia possessed
indoor sporting centres, which had given a boost to gymnastics. He predicted that gymnastics would also become popular at the University in a few years.

Mr. Bradford said that as for basketball the University had always been represented by strong teams. They would probably get stronger when students who played for other clubs became interested in the Sport Centre's facilities.

In general the Sports Centre would enable members of the University to attain physical fitness while also strengthening relationships between members of staff and students.

The Sports Union of the University, which is responsible for the organisation of sporting facilities on the campus and consists of 26 affiliated clubs, has financed the project itself. Committees of the university have dealt with details of the bank loan and the building design.

The Sports Centre embodies two floors:
A Basement containing a weight training room measuring 40' x 40', change-rooms and two equipment stores.

A Main Floor, including a Hall, 120' x 60', where basketball, badminton, volleyball and gymnastics will be played, an entrance foyer, an attendant's office and a Store.

The special features of the exterior are the yellow bricks and the long, angled, metal roof above the entrance. Moving inside the visitor is impressed by the spaciousness of the main hall, the ceiling being 30' above the floor. People entering the hall must wear sandals so that the brush box floor will not be marked. The hall is spacious enough for basketball, and badminton or volleyball, to progress concurrently. Fixed gym equipment (Roman rings, wall bars, horizontal bar) and loose gym equipment (parallel bars, high and low bars and a vaulting horse) will be available.

Arrangements have been made for the provision of a digital electronic scoreboard for use during basketball matches. The Departments of Mechanical Engineering and Electrical Engineering are collaborating on the design and construction of the scoreboard, which will be financed by the Sports Union.

This is the Stage I building. The Stage II building will be an extension. A mezzanine floor will be constructed as part of Stage II on the alignment of the "temporary" wall to overlook existing and proposed playing areas. Part of the mezzanine has been incorporated in Stage I.

The weight training room in the basement will be equipped for exercising, weight reduction and circuit training. The B.H.P. Co. Limited has assisted the University by supplying rubber matting for this room.

The University has advertised for an attendant for the Sports Centre, who will be responsible for general oversight, bookings and the storage of equipment.

The Vice-Chancellor (Professor J.J. Auchmuty), after whom the Centre has been named, will perform the opening ceremony on 8th December, at 3 p.m. Approximately 200 guests are expected at the opening and the N.S.W. Amateur Gymnastics Association will send 10 gymnasts to present a display.