The Vice-Chancellor has announced the reinstatement of the Arts Theatre to the University's Building Programme and stated that a start was expected to be made on the project in the early future.

The theatre will be located between the Staff House Club and the Commonwealth Bank and will be incorporated in the Social Sciences Building as was originally planned. It will have seating for 250 people and serve the University as both a lecture and drama theatre.

Construction of the Arts Theatre was deferred earlier this year when it became necessary to make economies in the Social Sciences Building. All the tenders received for the Social Sciences Building (including the Theatre) had exceeded the $1.3 million available to the university and, consequently, the University Council decided to postpone a start on the construction of the theatre, giving the work the highest priority in the schedule of projects to be done in the next triennium.

Reinstatement of the theatre, and expenditure on other works at the university, has now become possible because of the Australian Universities Commission's decision to postpone construction of the Biological Sciences Building until the 1973-75 triennium, when the Biological Sciences project will be given top priority.

It was reported to the University Council, at its meeting on the 17th September, that both the Australian Universities Commission and the N.S.W. Universities Board had approved of funds previously allocated to the Biological Sciences project being redistributed to certain projects at the university which were originally listed for construction in this triennium. This approval means that $450,000 is available.

The Vice-Chancellor said that more than half of this amount would be used to meet the increased cost of projects started some time ago but not completed to date. Strikes and wage increases had added to the cost of the Social Sciences building, Stage IIA of the Library and Engineering Building 'F' since the tenders for these projects were received. Redistribution of the Biological Sciences allocation meant that deficiencies in funds for these projects could now be met.

He said that the Arts Theatre was expected to cost approximately $200,000. The remainder of the Biological Sciences allocation would be used to reinstate facilities previously deleted from the Engineering Buildings 'B', 'C' and 'D'.

It is anticipated that the Arts Theatre will be completed by the end of 1972. It will embody two main sections - the Auditorium, with tiered seating, and the Stage/Dressing Room. As regards the Auditorium section, the space underneath will be reserved for a workshop where scenery, drops and equipment will be stored; there will be an elevated terrace at the rear where members of the audience can smoke; a lighting and film projection booth will be constructed; seats will have writing tablets for note-taking when the theatre serves as a lecture hall and these will fold out of the way for stage productions.
The theatre will have a stage 75 feet wide by 25 feet deep, with a proscenium 30 feet wide and a 10 foot deep forestage extending in front of the arch. The unorthodox width of the behind-curtain area will allow for the handling of scenery and compensate for the lack of a fly. There will be two dressing rooms behind the stage.

A sliding door, folding into the wings, will close off the stage for normal lectures and will provide a screen for film shows as well as blackboards.

The Vice-Chancellor said the Arts Theatre would greatly assist the teaching of drama, language and literature in the university and enable English, French, German and some other departments to produce plays. At present some university dramatic productions, like those staged by the University's French Department, were, of necessity, presented off the Campus.

The fact that the theatre would also serve as a lecture hall would help to ameliorate shortage of suitable teaching facilities for large classes, such as some first-year classes. Should enrolments in any class exceed 500 the students concerned could not be provided for in the Main and Science Lecture Theatres. At present these lecture halls were used almost continuously during the academic year. In addition, the Arts Theatre would provide a suitable place for public lectures.

ELECTION OF STUDENT MEMBER OF COUNCIL

An extraordinary issue of University News will be printed on 20th October. The purpose is to give students information about the students who are candidates for election to the Council of the University. One student is to be elected to hold office until 30th June, 1973.

When nominations closed on 11th October at noon the following candidates had been nominated:

Cocking, David Ian,
Cornelius, Christopher John Arthur,
Kumm, John Hugh Scott,
Laffan, Anthony George,
Lewis, Edward James Essington,
McKie, William David,
Martin, Giles Stewart,
Rowe, Denis John.

A secret ballot will be conducted on Monday, 25th, and Tuesday, 26th October. Personal votes will be taken in the Foyer of the University Library between 11.30 a.m. and 2.30 p.m. and 5.30 p.m. and 7.30 p.m. on these days.

ALL STUDENTS ARE URGED TO VOTE.

ACADEMIC APPOINTMENTS

Mr. R. Fielden has begun duties as Postdoctoral Research Fellow in the Department of Chemistry. Mr. Fielden holds the qualifications of Associate of the Royal Institute of Chemistry and Associate of the Royal College of Advanced Technology (1st Class Hons.) in the University of Salford and has completed work on a Ph.D. degree.

Mr. A.J. Guttmann has taken up his appointment as Lecturer in Mathematics. Mr. Guttmann holds the degrees of Bachelor of Science and Master of Science in the University of Melbourne and Doctor of Philosophy in the University of N.S.W. He was a Postdoctoral Fellow at Kings College, University of London from September, 1969 until joining the university. Mr. Guttmann has been appointed as a member of the Board of Studies in Computer Science.
Mr. J.D. Todd, of the Student Administration Office, has further particulars about the conditions and procedures for applying for the following awards:

**Commonwealth Postgraduate Awards:** Macquarie University, James Cook University of North Queensland and Wollongong University College are inviting University graduates or persons who will qualify as graduates this year to apply for these awards with tenure beginning in 1972. Applicants must be domiciled in Australia and interested in undertaking full-time study and research leading to a higher degree. The stipend is $2,600 a year, with a dependants' allowance of $450 a year, tax free. Each university and the university college has certain schools engaged in postgraduate teaching and research. The closing date for applications is 31st October.

**CSIRO Postgraduate Studentships:** The C.S.I.R.O. is inviting applications from graduates who have completed a good honours degree, or who are otherwise acceptable for postgraduate study, for studentships to cover a period of postgraduate study leading to a Ph.D. degree in an Australian university. A limited number may be available to Australian residents for study at overseas universities. All awards will be offered in fields of interest to CSIRO, with a majority in areas currently of specific interest to one or more Divisions of the Organization. Approximately 20 awards are available. Postgraduate awards carry the following living allowances: in Australia $2,600, in Europe £sterling 920, in North America $U.S. or Can. 4,600, plus allowances for dependants.

**Teaching In Zambia:** The Government of Zambia provides bursaries whereby Australian graduates may undertake teacher training at the University of Zambia and then assist in the expansion of secondary education by teaching in Zambian schools. Graduates or final year students in Arts, Science, Commerce, Agriculture and Engineering who have not undertaken teacher training courses are required. On completion of the teacher training course (March-November, 1972) the trained graduate will be required to enter into a contract to teach in Zambia for at least two years.

Economy class air fares from Australia to Zambia are paid (including a reasonable baggage allowance). The allowance during training for a single person is $A950 (which includes tuition fees of $A150 and residence fees $A225). The allowance for a married graduate during training is $A2,125 (includes tuition fees $A150) and where both husband and wife do the course the allowance is $A2,312 (includes $A300 tuition fees). $A200 is allowed for each child.

On the completion of training the salary commences at $A2,430 p.a. An Inducement Allowance of $A1,147 p.a. is payable by the Australian Government. Free medical services, assistance with accommodation and educational allowances are also provided.

On the completion of service economy class air fares from Zambia to Australia, a gratuity of 25% of salary and an Inducement Allowance are paid. Leave on full salary is also provided.

The closing date for the receipt of applications is 12th November.

**Japanese Government Research Awards for Foreign Specialists (1972-1973):**

The Government of Japan offers research award to foreign specialists in the fields of natural and applied science and technology for the programme year 1972-1973. The award is administered annually for the promotion of international scientific cooperation, through enabling specialists of foreign countries - one from each of Australia, France, Germany, Netherlands, U.K. and U.S.A. - to reside for approximately 7 months to perform research in government laboratories. One necessary qualification is that applicants should have been engaged in scientific and technical research for more than 3 years, including any period in graduate schools, after graduating from university or have equivalent professional and
academic background. Living expenses and travel expenses to and from Japan are paid. The host institutes will be selected from Japanese government laboratories engaged in natural and applied science and technology but not among universities or colleges. Applications close on 12th November.

University of Oxford, St. Anne's College, Rhodes Visiting Fellowship: St. Anne's College is able to invite applications for a Rhodes Visiting Fellowship, tenable for at least two years beginning in October, 1972 or January, 1973. The Fellowship is open to women from any of the Commonwealth countries, South Africa, or Rhodesia. Applicants must have a university degree and should normally have some experience of postgraduate study. Preference will be given to women who have not previously studied at a university in the United Kingdom. She will be required to undertake research in a subject which can profitably be studied in Oxford, and may also be asked to undertake a limited amount of teaching. She will have full residence in college, if she so wishes, free of charge, and be a member of the Senior Common Room. Her stipend will be £1,500 per annum, and the expense of travel to and from her country of residence will be reimbursed.

Applications should reach the Principal not later than 1st January, 1972. Candidates short-listed will be required to come for interview in April, 1972. Their expenses will be paid.

Macquarie University, Postgraduate Scholarship in Poultry Genetics: Applications are invited for a Postgraduate Scholarship in either the Genetics and Endocrinology of Ovulation in Poultry or the Genetics of Egg Production in Poultry in the School of Biological Science. The successful applicant must hold qualifications equivalent to at least a Bachelor's degree, Honours Class II Division I. The Scholarship will consist of a living allowance within the range of $2,500 to $2,800 per annum; and will also cover the payment of compulsory university fees and certain travelling, equipment and other expenses of a maintenance nature. Applications close on 30th October, 1971.

MISS LEWALLEN ELECTED S.R.C. SECRETARY - ELECT

When nominations closed for election as Secretary of the 20th Students' Representative Council, Miss J.R. Lewallen was the only nominee and she was declared elected.
Miss Lewallen's election weighted the Council's executive heavily in favour of the female sex, as Mrs. Anne Kumni has already been elected President of the 20th Council.

When nominations closed for election as Treasurer Messrs. Adrian Rooney and Gary MacDougall had been nominated, thus necessitating an election which will terminate on the 15th October. No nominations have been received up to 13th October for election as Editor of Opus.

The following people were elected as representatives on the 20th Council, which will take office next March: Mr. F. Bullen, (Applied Science), Messrs. G. Brown, B. Findley, Miss Lewallen and Mr. D. McKie (Arts), Messrs. S. Dollard, B.A. Ross, (Economics and Commerce), Messrs. J. Kumn, T. Leong Lau and Mr. J. Meehan (Engineering), Mr. B. Morrison (Mathematics), Mr. S. Lloyd (full-time) and Mr. N. O'Brien (part-time).

The election of six general representatives will be held from 18th to 21st October. Nominations are still being received for election as representative of the Faculty of Science.

SECOND CHAIR IN MATHEMATICS

The Council of the University of Newcastle had appointed Professor H. Melvin Lieberstein, at present Research Professor of Mathematics at Wichita State University, U.S.A., to the newly-created second Chair in Mathematics at Newcastle, the Vice-Chancellor (Professor J.J. Auchmuty) announced.

Professor Lieberstein, who is 46, graduated from the University of Arkansas in 1947 with Bachelor of Arts and Bachelor of Science (Mathematics) degrees. He subsequently obtained a Master of Arts (Mathematics) degree in the University of Kansas. In 1956 he completed a Doctorate in Applied Mathematics in the Institute of Fluid Dynamics and Applied Mathematics, University of Maryland. From 1964 to 1967 he held an appointment as Associate Professor of Mathematics at Indiana University and he has been Research Professor of Mathematics at Wichita State University since 1967.

Professor Lieberstein is the author of more than 20 papers dealing with the Mathematical biosciences, Mathematical physiology, the aeronautical sciences, the aero-space sciences, computing, numerical analysis and economics and the environment. He is the author of three books, A Course in Numerical Analysis (1968) Mathematical Physiology (1971, 2 Vols.) and Theory of Partial Differential Equations (in the Press).

He is expected to take up his new duties with the Faculty of Mathematics in November. He has done considerable work on the organisation of a conference to deal with pollution. This conference will be held in Tel Aviv (Israel) next June.

ADMISSION TO THE UNIVERSITY IN 1972 - EARLIER CLOSING DATE

An earlier closing date will apply to people in the following categories who intend to seek admission to the University of Newcastle in 1972:

* Persons resident in Australia who are seeking admission on the basis of qualifications which they already hold at 1st November, 1971.

* Persons resident outside of Australia, or persons applying for admission on the basis of qualifications gained outside Australia.

These people must lodge their application forms by :

5 .00 p.m. on Monday, 1st November, 1971.
Other persons resident in Australia must lodge their application forms by:

5.00 p.m. on Friday, 21st January, 1972.

No guarantee can be given that applications received after the prescribed dates will be considered.

Application forms are available from, and completed forms should be sent to,
The Secretary, The University of Newcastle, N.S.W. 2308.

The new arrangements have been introduced in the hope that it may be possible to inform some of the applicants who are required to lodge their applications by 1st November, 1971 of the outcome of their applications at an earlier date than in the past.

DEGREE IN ABSENTIA

The first Graduation Ceremony of the Cranfield Institute of Technology, England, (formerly the College of Aeronautics) will be held on Saturday, 16th October.

Students who have satisfied the requirements for admission to the Degree of Master of Science since the 1965-66 intake will have their degrees conferred on them by the Chancellor, the Lord King's Norton of Wotton Underwood.

A member of the University of Newcastle's staff, Mr. G.D. Butler, Senior Lecturer in Mechanical Engineering, will have the degree of Master of Science conferred on him in absentia.

The Institute, which is a postgraduate institution sited in the rolling countryside of Bedfordshire, specialises in formal courses in Production and Industrial Administration, Business Administration, Aerodynamics, Aircraft Design, Aircraft Propulsion, Electrical and Control Engineering Materials, Flight and Automobile Engineering.

FUNCTIONS AT STAFF HOUSE CLUB

Have you considered an end-of-year get-together in your Department?

Is your professional association looking for a place to hold its end-of-year gathering?

Are you responsible for arranging a private function, Wedding, birthday party, special family occasion?

Have you thought of the Staff House as a venue?

Let your friends and colleagues enjoy a meal in pleasant surroundings and see our attractive Campus at the same time.

Full catering facilities available. Quotes competitive. Enquiries Hugh Floyer, Ext. 610.

HOUSES AVAILABLE

For Lease: Brick home, conveniently situated, 27 Hebburn Street, Hamilton South, 3 bedroom, Lounge/Dining Room, Sunroom, hot water service, garage, 'phone, tiled bathroom. Available for at least 9 months. $32 per week. Ring Mrs. G. Reeves. (Ext. 354 or 57 5344) or Mr. J. Reeves (2 2222 or 2 1936).

For Sale urgently: Double brick home, 3 bedrooms, study with built-in book shelves, rumpus room underneath, elevated position, Corner Watson and Jean Streets, New Lambton. $24,000 or nearest offer. Ring 52 1842 after 6 p.m.
C 65 Honda scooter, A-1 mechanical condition, low mileage, long registration, $140. Suit female student. Ring Mr. G. Jones, Purchasing Section.

HISTORIC BUILDINGS

The 8th Historic Buildings Summer School to be conducted by the Adult Education Board, Tasmania, will be held from 15th January to 22nd January, 1972. It will be a residential school, students living at "The Grange" College, Campbel Town, Tasmania. The old building is leased by the Adult Education Board from the National Trust.

Lectures and films have been planned and some of Tasmania's most notable old homes will be visited. The fee of $75 for attendance covers full accommodation, bus hire and lectures; Mr. J.W. Armstrong, Secretary's Division, holds pamphlets on the summer school.

SPECIAL ADMISSION FOR ABORIGINAL STUDENTS

Last January the Vice-Chancellor of the University of New South Wales announced that his university had decided that suitably qualified persons of Aboriginal descent may be admitted to courses outside of any quota restrictions.

Applications for consideration under this scheme are being called and should be lodged with the Registrar of the University of New South Wales by 31st October, if enrolment in 1972 is sought. Financial assistance is available from a number of sources to help support Aboriginal students during their university studies.

Further information may be obtained from the Registrar, The University of New South Wales, Box 1, Post Office, Kensington. N.S.W. 2033.

VACANCIES AT MELBOURNE COLLEGE

Graduate House, within the University of Melbourne, has advised that vacancies exist from time to time at the small hall of residence not only for permanent postgraduate scholars but also for university staff members visiting Melbourne. Mr. J.W. Armstrong, Secretary's Division has a prospectus giving information about the rules and services of Graduate House.

COMING EVENTS

Mathematics Seminar

A seminar will be held on Friday, 15th October, at noon in Room AG 24. Professor P. Freyd, who is a visiting professor to the University of New South Wales from the University of Pennsylvania, will speak on "A More General Adjoint Functor Theorem".

Hostel Meeting

The second meeting of people interested in helping W.U.S., Newcastle, to establish an international students' hostel in Newcastle will be held in the New Common Room of the Union on Tuesday, 19th October, at 8 p.m.

Economic Society

A meeting of Newcastle Area Committee of the society will be held in the Council Room of the university on Tuesday, 19th October, at 7 p.m. The speaker will be
Professor Raphael Trifon, of the Israel Institute of Technology, Haifa. He will speak on "The Economy of Israel".

Professor Trifon, who is at present Visiting Professor in the Department of Economics, is a graduate of the Universities of Jerusalem and London. His special areas of research interest are Bargaining Theory, and Urban and Regional Planning. Professor Trifon has been a U.N. advisor in Thailand on two occasions in recent years.

An evening meal will be available at the Staff House from 5.45 p.m. If you intend being present for the meal you should advise the Secretary of the Economics Department (Ext. 411) by Friday, 15th October.

The final meeting of the year will be held on Tuesday, 30th November, in the Staff House. This will be more informal than the usual monthly meetings and will take the form of a buffet dinner for members, their wives and friends, to be followed by an address and discussion. Professor R.I. Downing, of the University of Melbourne, a well-known economist, has agreed to address the gathering.

American Historian

The History Department, in collaboration with the Australian Institute of International Affairs, will sponsor the visit to Newcastle of the distinguished American historian, Professor Richard L. Watson, on Friday, 22nd October.

Professor Watson will speak on "What is Progressivism" in Room LG 56 at 5 p.m. This talk will be useful to students of History IIB. In the Council Room at 8 p.m. he will speak on "Durham, North Carolina: Civil Rights in Action", based on personal experiences.

The evening meeting will be preceded by the annual general meeting of the Australian Institute of International Affairs at 7.45 p.m. After the address and questions, coffee will be served.

Women Graduates

The annual general meeting and election of officers of Hunter Valley Branch of the N.S.W. Association of University Women Graduates will be held in the Council Room of the University on Wednesday, 27th October, at 8 p.m. The guest speaker at the annual general meeting will be Mrs. Mollie Stuckey, of Sydney, a former member of the Film Censorship Board.

Positions Available

Stenographer Department of Mathematics, Position No. N53/71: A competent and experienced Stenographer is required for the above Department. Previous experience with a mathematical typewriter would be an advantage but is not essential. Commencing salary will be up to $55.50 per week, depending on age, qualifications and experience. In addition efficiency allowances up to $5.75 per week can be gained by passing speed tests at examinations. These rates are under review.

Laboratory Craftsman Department of Electrical Engineering, Position No. N54/71: Duties will include construction and maintenance of electrical and electronic instruments used in teaching and research. Qualifications should include Electrical Trades, or Fitting and Machining Trades. Experience in machine shop practice, electronics or control areas and Post-trades studies an advantage. Commencing salary will be within the range $78.32 to $90.54 per week depending on qualifications and experience.

Applications close on 22nd October, 1971.