GREAT HALL NEARS COMPLETION

Scaffolding has been removed from the Great Hall, allowing the building's true outlines to catch the eye. The building is now expected to be completed by Christmas.

The main entrance is off the pathway leading from No. 1 car park to Building 'A' and access will be gained through one of three doors. Inside the doors, one of which is to be provided by Convocation, is a very spacious foyer with a coffee bar and cloak room, an exterior wall of full-length glass and a ceiling 15 feet above the floor.

At one end of the foyer a stairway gives access to the room that can be clearly seen from the pathway - the Special Functions Room, measuring 64' x 32'. Three sides of this room are full-length glass. The floor is parquetry. Small receptions, art exhibitions, meetings and dinners will be held in this portion of the Great Hall, but, since only a stove, fridge and sink can be accommodated in the small kitchen, it will be impossible to cook food inside the building.

A hall leads off the Special Functions Room and connects with three change rooms (for use by Visiting musicians and entertainers) and the stage of the Main Auditorium. The stage is large enough to hold 120 people. At the rear of the stage is a booth where amplification and illumination equipment will be controlled.

The Main Auditorium will serve a number of academic purposes, including examinations and Graduation ceremonies, as well as being a place for concerts, community functions and conferences. Air conditioned and seating 1,500 people, it is reached through two entrances off the foyer - one providing a route on to the stage for such groups as the academic procession at Graduation ceremonies, the other opening on to the flat, timber floor.

One-third of the seating in the Main Hall is to be placed on tiers behind the flat floor. Access to the highest tiers will be available through a stairwell connected with the foyer. The stairwell, curved to comply with Government safety requirements, has drawn considerable attention from people passing by the Great Hall.

To guard against babies interrupting the Vice-Chancellor and other speakers at Graduation ceremonies the architects have provided a crying room which can also be used as a Press Box. Above this room is a film projection room.

The impression you get on entering the Main Auditorium is one of being inside an almost unlimited space. As one group of workmen completes the complex roof structure (seven trusses fanning outwards from the main structural column), another gang forms the ceiling using thousands of pieces of brush box timber. The timber ceiling will be one of the main architectural features of the Great Hall and the feeling of spaciousness can be understood when it is stated that the ceiling is 65 feet above the floor at its highest point.

The University has regularly obtained advice on the Hall's acoustics from Mr. W. Mehaffey, of the Australian Broadcasting Commission, who has contended that the Great Hall will be a first-class concert hall.

Another stairway leads down off the foyer and gives access to a Music/Lecture Room, which will seat 120 people.
The building's main electrical switchboard and the air-conditioning plant are located beneath the tiered seating. There have been questions about both the tall blue pipe fixed to the western wall and the cream "spaceship" alongside the pipe. Actually, the pipe is a flue for the boiler of the air conditioning plant, while the "spaceship" is the plant's water cooler.

The architects, Ancher, Mortlock, Murray and Woolley Pty. Limited, of North Sydney, have implemented the design concept of natural material finishes, which means that brickwork, concrete and timber are being left without treatment. Bricks identical to those used in the Union, Staff House and the Library were selected from a Maitland brickyard which has never previously supplied an individual order of this dimension for one building. The only items painted will be doors inside the Great Hall and the colours will be black, traffic yellow and aircraft blue.

EARLY START ON UNION IMPROVEMENTS

The President of the Board of Management of the Union (Mr. J. Kumm) said tenders for building alterations to the kitchen area of the Union would close on 10th November.

Major additions were also to be carried out at the main entrance of the Union and tenders for these would close soon.

Grants totalling $200,000 have been recommended by the Australian Universities Commission towards the alterations and additions for the Union.

Mr. Kumm said Stage III of the Union would be completed by the end of next year and would consist of a four-storey addition at the existing entrance.

On the ground floor, space would be allocated for a pharmacy, travel office, bookshop, Union shop and branch of the Bank of New South Wales. Space in the Union vacated by the bookshop, the Union shop and the Bank would be adopted for use as common rooms, T.V. and practicing music.

The first floor of the additions would be devoted to a new restaurant and lounge providing approximately the same area for eating purposes as the dining room in the Union. Also on this floor would be located a liquor bar (provided the appropriate legislation was passed) and a common room.

The second floor of the extension had been reserved for the Students' Representative Council, which would be provided with a new office and a meeting room.

The top floor, the third storey, would be used by the Union as office space.

Mr. Kumm said an early start would be made on the alterations to the kitchen area so that the bulk of the work could be finished before students returned to the campus next February.

He said nobody disagreed that the existing kitchen and serving facilities were overtaxed and the alterations would, in particular, speed up the serving of food to students.

The coffee bar in the dining room would become a place where snacks could be obtained quickly and the Lounge would be altered so that a milk bar could function there. The Lounge will be withdrawn from the Union's list of bookable rooms.

Mr. Kumm said these new facilities should reduce the length of the line of students queueing at the main cafeteria and the coffee bar. In addition more space would be provided for the eating of hot food.

"There will be some inconvenience while both projects are being carried out, but this is unavoidable and in the best interests of students", he said.
The Vice-Chancellor announced that the recommendation of the Australian Research Grants Committee that a number of grants be made available to members of the academic staff of the university for special research purposes had been approved.

New grants totalled $19,799, whilst grants to support continuing projects totalled $60,472.

Professor M. Lieberstein, of the Department of Mathematics, has received $7,600 for a project entitled "Physiological and related applications of partial differential equations".

Dr. R.A. Fredlein, of the Department of Chemistry, has been granted $4,923 in connection with a project called "Oxygen electrocatalysis on tungsten oxide bronzes containing tantalum".

Dr. A.J. Guttmann, of the Department of Mathematics, has been allotted $4,400 for work in connection with "The interpretation and analysis of theoretical and experimental data".

Drs. D.J.H. Moore and P.J. Moylan, of the Department of Electrical Engineering, have been granted $1,400 for a project entitled "Application of a feature extraction theory to the automatic recognition of hand printed characters".

Dr. Moylan has also received $600 for a project called "Investigation of feasibility of simple feed back controllers for synchronous generators".

Dr. J.R.S. Wallis, of the Department of Mathematics, received $400 for a project called "A study of computing techniques for combinatorial problems".

Dr. D.W. Dockrill, of the Department of Philosophy, has been granted $476 to assist him with a project entitled "Seventeenth Century English discussion of Methodological and epistemological problems in the Doctrine of Divine Incomprehensibility".

Professor B. Boettcher, of the Department of Biological Sciences, has been granted $12,141 for a project entitled "Genetic markers in Australian Aborigines and investigations of population structure".

Associate Professor J.B. Moore, Professor B. Anderson and Dr. T.E. Fortmann, of the Department of Electrical Engineering, have received $10,480 in connection with a project called "Optimal control processes and communication systems".

Professor I.McC. Stewart, of the Department of Chemical Engineering, has been given $10,300 for the purpose of research into "Furnace temperature measurement by spectroscopic methods".

Drs. R. Cooney and G. Curthoys, of the Department of Chemistry, have been granted $7,850 so that their work on "Laser Raman spectroscopy applied to heterogeneous and homogeneous catalysis" can proceed.

Miss M.E. Guildford, of the University Library, has been allotted $5,922 to assist her with "Indexing the Maitland Mercury newspaper, 1843-1900".

Mr. K.F. Collis, of the Department of Education, has received $5,600 for a project entitled "The development of formal operational thought in school mathematics".

Professor C.D. Ellyett and Dr. B.J. Fraser, of the Department of Physics, have been granted $5,560 in connection with a project entitled "Propagation studies of hydromagnetic waves between spaced stations".

Associate Professor L.A. Summers, of the Department of Chemistry, has been allocated $1,000 for work on a project entitled "One electron transfer properties of heterocyclic diquaternary salts".
Associate Professor J.A. Ramsey, of the Department of Physics, has received $1,419 for a project called "The structure and properties of the surfaces of metal single crystals".

PRINCIPAL DATES NEXT YEAR

Term One:

16th March, Graduation Day.
20th - 24th April, Easter recess.

Vacation:


Term Two:


Vacation:


Term Three:


Annual Examinations:


ANNUAL EXAMINATIONS

This year most examinations will be held between 4th and 24th November.

REMEMBER THAT MISREADING OF THE TIMETABLE WILL NOT BE ACCEPTED AS AN EXCUSE FOR FAILURE TO ATTEND AN EXAMINATION.

Rooms in the Main, Geology, Social Sciences, Engineering, Metallurgy and Architecture Buildings will be used.

DAILY ROOM ALLOCATIONS will be displayed before the end of term on the Examinations Notice Board (opposite the Main Lecture Theatre) and in the vestibule of the Main Building.

For subjects which have large numbers of candidates, NAME LISTS FOR ALLOCATION OF CANDIDATES TO PARTICULAR ROOMS will be posted on the notice boards of the Departments responsible for the examination papers concerned. To avoid last minute anxiety, make sure you consult the notice boards and locate your examination rooms well beforehand.

Individual Examination Result Notices will be posted to every student by 15th December, 1972.

ACADEMIC HOURS

The following article was obtained from the latest University of Melbourne Gazette:
"The average British academic works a 50.5 hour week, 47 weeks a year, according to a recently-released survey conducted in British universities by the U.K. Committee of Vice-Chancellors and Principals. Many academics were reported to be reluctant to co-operate when the survey was first mooted five years ago by the University Grants Committee because they were suspicious of the use to which it could be put.

"The project, which was taken over by the Vice-Chancellors' Committee in 1969 aimed to find out more about total expenditure on science research and about the relative unit costs of postgraduate and undergraduate work.

"The survey revealed that the average British academic devoted 37 per cent of his working year to teaching, five per cent to graduate course work, six per cent on postgraduate research, 24 per cent on personal research, 18 per cent on internal conferences, reading, discussion, study and administration and 10 per cent on external work. He or she teaches for 18½ hours a week and does research for 12 hours.

"The report also showed that professors work an average of 55½ hours a week, readers and senior lecturers 50½, lecturers and assistant lecturers 49 and others 48. The longest working week (54 hours) was observed in clinical medicine and in language, literature, area studies and other arts subjects. The shortest (47½ hours) is in engineering and 'other technologies'.'"
Junior Clerk Position No. N72/72

This position would suit a keen, energetic youth aged 17-19 who is educated to School Certificate standard and who is interested in completing an appropriate course at the Technical College. Duties would include general accounts work, preparing mail for despatch, filing and other duties usually entrusted to Juniors. Commencing salary will be up to $55.69 per week within the range $35.15 per week to $96.22 per week according to age, qualifications and experience, and this salary range is under review. The University will consider providing assistance with fees for an appropriate technical college course.

Clerk Position No. N73/72

This position would suit a male in the 20-30 age group, experienced in general accounting. The successful applicant would be required to relieve in a number of clerical positions in the Accountants Department including the Cashier's Office. There are excellent prospects for advancement. The University would encourage involvement in a course in accounting at technical college or university level and consider providing assistance with fees. Salaries for this position are under review but the present salary range is $1,838-$5,031 per annum and commencing salary will depend upon age, qualifications and experience.

Office Assistant/Typist Position No. 74/73

This position would suit a female up to 25 years of age. Shorthand is not required but it is expected that applicants will be competent typists who have attained typing speeds of not less than 50 w.p.m. In addition to typing, the duties of the successful applicant will include dealing with the public at an enquiry counter and processing some sub clerical work. Commencing salary will be up to $62.54 per week, depending upon age, qualifications and experience. Efficiency allowances up to $2.30 per week can be gained by passing typing speed tests at examinations conducted by the University.

Application forms may be obtained from the Personnel Section by telephoning 68 5251 during normal business hours.

Applications close 30th October, 1972.

ARCHAEOLOGISTS WORK ON LOCAL SITE

A team of archaeologists, directed by Mrs. F. Bentley and Associate Professor L.K. Dyall, is excavating a prehistoric Aboriginal campsite near Newcastle.

The "dig", which is being conducted under permit from the National Parks and Wildlife Service of N.S.W., is the first systematic excavation of any Aboriginal site in the Newcastle coastal region.

The camp deposit, or "midden", of campfire ash, shells, bones and stone flakes is half-a-metre thick, and Carbon-14 dating is expected to show that the site was occupied for many hundreds of years.

The campsite first came to notice when stormwater erosion led to Aboriginal skeletons being scattered down a hillside, and one aim of the dig is to preserve the remaining burials from this fate.

Volunteers prepared to man trowels and sieves on Fridays and Mondays in November should contact Professor Dyall (Chemistry Ext. 505).

STUDENT SUMMER VACATION ADDRESSES

Requests for summer vacation addresses have been posted to the term addresses
of almost all students in non-degree, undergraduate, diploma and non-thesis masters courses.

If you do not receive your copy by Friday, 27th October, please obtain another form at the Student Administration Office, then complete and return it by Friday, 3rd November, 1972.

Your co-operation will save inconvenience for all concerned.

J.D. TODD,
Acting Secretary

NEW MEMBER OF UNION BOARD

Mrs. Barbara Lodge took her place on the Board of Management of the Union on 12th October. She represents members of Staff of the Union.

Mrs. Lodge's election to the Board follows the passing by the University Council of an amendment increasing membership of the Board to embrace a representative of the Staff. The Board now has 17 members.

NOTICE OF LOST PROPERTY

Here is a list of lost property held by the University:

1 Cambridge mathematics tables, 1 brown folder of notes, 1 Faber Castell slide rule, 1 black folding umbrella, 1 lady's grey umbrella, 1 green folder of notes, 1 lady's blue umbrella, 1 green zip pencil case, 1 brown purse, 1 lady's black glove, 1 black folder of notes, 1 red folder of notes, 1 spectacle case, 1 pair of reading glasses, 1 black purse, 1 Fortran book, 1 copper ring, 1 plastic kit of motor cycle tools, 1 small slide rule, several purses, 2 silver link bracelets, several pairs of glasses, 1 magnifying glass, 1 men's brown jumper, 1 Holden hub cap, 1 brooch and 1 bunch of keys in a leather folder.

The above items may be claimed at the Patrol Office, Room 01 of the Library Building.

If the items listed above are unclaimed at the expiration of three months of the date of this notice, they will be disposed of by the University.

L.W. HARRIS
Bursar.

ARCHITECTURE FACULTY VOTE

The Vice-Principal (Professor B. Newton-John), who was appointed Acting Head of the Department of Architecture when the Dean (Professor F. Romberg) became ill, has made a statement regarding the meeting of the Faculty Board, Faculty of Architecture, held on Monday, 23rd October.

Professor Newton-John said that among the matters on the agenda for the meeting was a motion expressing the Faculty Board's lack of confidence in the Dean. He had stated that he wondered whether it was fair to Professor Romberg for the motion to be discussed when the Dean was absent very ill. However, a poll was conducted and the motion was carried.

Professor Newton-John said that in accordance with University practice at this time of the year an election of Dean of the Faculty was then conducted. The Vice-Chancellor (Professor J.J. Auchmuty) was elected on the basis of By-law 3.2-3: "The Vice-Chancellor shall ex officio be a member of every Faculty Board .... " and By-law 3.5-1: "... each Faculty Board shall elect from its Professors a Chairman who shall hold the office of Dean of the Faculty .... the Dean shall hold office for two years from the first day of January following the election."
The Faculty Board also considered a document drawn up by Architecture students during the weekend, 7th and 8th October, and proposing a basis for the restructuring of the Architecture course. The Faculty Board had accepted the document in principle, but agreed that further work should be done on the document to finalise details for a number of matters.

The following sub-committee was set up to prepare a draft report for presentation to the Faculty Board meeting in March, 1975: Associate Professor E. Parker, Associate Professor J. Ramsey, Mr. H.G. Appleby, Mr. I. Henderson, Mr. E.L. Harkness and Mr. P. Kleeman.

POSSIBILITY OF SAUNA

The Union Board of Management is inviting views on a suggestion that a relatively unused shower be converted into a sauna bath. The President of the Union (Mr. J. Kumm) said the Board was reluctant to approve the work without some indication of students' wishes.

SCHOLARSHIPS, FELLOWSHIPS

The Acting Secretary, Mr. J.D. Todd, has further information about the following scholarships:-

<table>
<thead>
<tr>
<th>Scholarship Type</th>
<th>Closing Date</th>
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<tbody>
<tr>
<td>James Cook University of Queensland Commonwealth postgraduate research awards</td>
<td>31st October.</td>
</tr>
<tr>
<td>La Trobe University Commonwealth and University Research scholarships</td>
<td>31st October.</td>
</tr>
<tr>
<td>C.S.I.R.O. studentships for postgraduate study at Australian universities</td>
<td>Not stated.</td>
</tr>
<tr>
<td>Australian National University Undergraduate Scholarships in Arts, Arts (Asian Studies), Economics, Laws, Science and Science (Forestry)</td>
<td>30th November.</td>
</tr>
<tr>
<td>Australian National University Asian Studies Scholarships</td>
<td>30th November.</td>
</tr>
<tr>
<td>Western Mining Corporation Limited undergraduate scholarships for studying in mining, metallurgy or chemical engineering at Australian universities</td>
<td>31st December.</td>
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SUPPORT EXTENDED TO HOSTEL ORGANIZATION

A general meeting of Newcastle University Students' Association on 19th October adopted a motion expressing the support of N.U.S.A. for the aims and principles of Newcastle International Student Hostel Steering Organization.

The meeting voted against the proposal of Mr. A. Svirskis that N.U.S.A. withdraw its support unless the Hostel organisation made certain changes in its constitution so that the residents of the hostel were given more power over internal matters.

In the absence of Mr. Svirskis, Miss J. Chambers read Mr. Svirskis' submission. He said that in November, 1971 N.U.S.A. had, among other things, decided to investigate extending financial support to the hostel scheme on condition that "the internal affairs of the accommodation unit be entirely in the hands of
the residents". The constitution provided that a Big Brother Board be set up from the residents to control the hostel, but gave the Hostel Steering Organization total power over this board, including the right to dissolve the board. This state of affairs was in direct conflict with N.U.S.A. policy on student self-government at the hostel.

Miss S. Angus said the Hostel Organization was trying to raise money to meet the cost of establishing a students' hostel which would charge low residential fees. Her organization badly needed the backing of N.U.S.A. The Big Brother Board consisted of seven members, four being students. Proper administration of the scheme was necessary if a building loan were to be procured.

Miss Chambers said the main purpose of Mr. Svirskis' proposal was to eliminate the Hostel Organization's controls over the Big Brother Board.

Mr. G. Martin said at the moment the Hostel body was considering reconstituting itself as a company limited by guarantee in order to be entitled to buy or lease a hostel site. If the Hostel Organization found that the Big Brother Board was not carrying out its responsibilities the organization had to protect the Company's affairs.

**COMING EVENTS**

**Female Historian**

Professor L. Tarasevitch-Sarilnikova, a distinguished Russian historian who belongs to Moscow State University, will visit the University on Friday, 27th October. She will give an informal talk in the Union Lounge at 1 p.m.

**R.L.S, Society Meeting**

The annual general meeting of Newcastle Sub-Branch of the Royal Life Saving Society (Australia) will be held on Thursday, 2nd November, in Room 9 of the Teachers' College, Union Street, Cooks Hill, at 8 p.m. Examiners, instructors, members, or prospective members of the Society are invited to attend.

**Meeting on Semesters**

Senate considered that it would be useful for all members of staff, together with some student representatives, to discuss the report of the Semester Steering Committee and to have questions answered by the Chairman of the Committee (Professor B.L. Johns).

Accordingly, a meeting will be held for this purpose in Lecture Room B01 on Friday, 3rd November, at 10 a.m. All members of the academic and teaching staff are invited to attend.

Copies of the Committee's report are being distributed. If members of staff do not receive their copies they should get in touch with Mr. J.S. Boydell (Ext. 370).

**Mr. Justice Kerr Guest Speaker**

The Chief Justice of New South Wales (Mr. Justice Kerr) will be Guest Speaker at the fourth annual dinner of Convocation. The dinner will be held in Edwards Hall on Tuesday, 7th November, beginning at 7 p.m.

Mr. Justice Kerr will open the sittings of the Supreme Court in Newcastle on 6th November.

His Honour served on a number of Commonwealth bodies in between his appointment as a Judge of the Commonwealth Industrial Court and a Judge of the Supreme Court of A.C.T. in 1966 and his appointment as Chief Justice of New South Wales in May this year. Included were membership of the Board on New Guinea Affairs and the Medical Board of New South Wales and Chairmanship of the Commonwealth Committee on Review of Administrative Decisions and the Commonwealth Committee on Review of Pay for Armed Services.
The Warden of Convocation (Mr. W.G. Derkenne) said his body hoped that there would be a big attendance at the dinner. Mr. Justice Kerr was a most eminent jurist and an entertaining after-dinner speaker. Members of Convocation, their wives or husbands and friends of members were invited, he said.

Recovery Ball

This year's examination pains can be allayed by attendance at the Recovery Ball in the Union on 25th November. Tickets, which cost $12 a double and provide all necessities, are available at the Union Office. As only one ball is planned for this year interested persons are advised to book early.

Summer School

The World Education Fellowship will hold a Creative Arts Summer School at "Frensham", Mittagong, from 29th December to 7th January, 1973.

The summer school provides courses in drama, pottery, painting, batik, photography, music making, weaving, sculpture and other things.

Fees of $90 for W.E.F. members and $95 for non-members include accommodation and meals. Children under 17 are not eligible to attend.

Associate Professor D. Biggins, of the Department of English, and his wife, Marjorie, will direct the Drama group.

Information can be obtained from the World Education Fellowship, 265 Castlereagh Street, Sydney.

SPORTING NEWS

Field House

A Briefing Committee, set up by the Vice-Chancellor, is meeting to finalise recommendations on the provision of the Field House at No. 2 Oval. The decision to investigate the possibility of the Sports Union building the Field House was made following the Australian Universities Commission's refusal to grant funds in the 1973-75 triennium.

The Briefing Committee consists of the Vice-Principal (Professor B. Newton-John), Chairman; the University Planner, Professor E. Parker; and Messrs. H. Bradford, L. Loftus, P. Kleeman and B. Couper.

A Financial Advisory Committee has also been formed (by the Sports Union) to investigate ways of the Sports Union obtaining a loan to finance the construction of the Field House. This Committee consists of Mr. A. Forsythe, member of the University Council, Chairman; the President of the Sports Union, Professor G. Tanner; and Messrs. H. Bradford, R. Gibbins and I. Beaman.

Following a report from the Financial Advisory Committee the Sports Union made the following recommendation, among others, to the Briefing Committee:

A plan be developed for the establishment of a sporting complex, the first stage of which should consist of changing rooms, with showers, for No. 2 Oval, a hall suitable for competition basketball, competition badminton, gymnastics, volleyball and other indoor sports and storage facilities for field sporting equipment.

The Briefing Committee met on the 17th October and decided that a broad plan for the sports complex should be drawn up which would allow the building of a hall with changing facilities to meet the immediate requirements of the Sports Union but that the plan should be readily adaptable so that extensions could be carried out when further funds became available.

The Briefing Committee will meet again on Tuesday, 31st October.