**ADDED SPORTING FACILITIES**

Work on the construction of No. 2 Oval is progressing and the new playing field is expected to be ready for sporting activities in the summer of 1973-74.

Located on an elevated site north-west of No. 1 Oval, the sports field is an oval in shape with 630- and 430-feet diameters.

All works associated with the project are estimated to cost approximately $60,000.

The University had hoped to combine the new oval with a Field House where indoor sport could be played, but the Australian Universities Commission failed to recommend that the necessary funds be allocated. As an alternative the Executive of the Sports Union is considering a recommendation to be put to the General Committee of the Sports Union that investigations be made into the raising of a loan to finance the construction of the Field House.

No. 2 Oval will be a departure from No. 1, because it provides facilities for athletics. Work on the construction of a 400-metre running track, with straights, has proceeded to the stage where the turf is already in place. The track subdivides into seven lanes and has a foundation of crushed rock to facilitate drainage.

Areas have been marked out on the plans for pits and courses where athletes can participate in long jump, pole vault, hop, step and jump, javelin, discus and hammer throwing and putting the shot competitions.

The Amenities Officer (Mr. H. Bradford) has asked the Planner's Division to investigate the possible erection of a store at No. 2 Oval for hammers, discus, javelins, hurdles and the balance of the assortment of equipment required for Athletics meetings.

A length of dish drain has been constructed. At present, the Oval is being fenced and work is progressing on the formation of a cricket wicket. A start will be made in the near future on the planting of grass seeds on the main surface, which has been formed from 2,500 cubic yards of Raymond Terrace loam.

The cricket wicket has an impervious base of blue metal and 10 inches of river soil from Maitland underlying the surface couch.

Mr. Bradford has stated that No. 2 Oval will be chiefly devoted to athletics and cricket in the summer sporting season, with athletics having priority. He said No. 1 Oval field was being used excessively; to relieve this position, hockey and softball (and baseball, if a club were formed) would probably be played on the ground in winter.

As the construction of the new oval proceeds the University has approved the provision of expanded facilities at No. 1 Oval.

Four banks of floodlights will be erected to illuminate the half of the oval on which hockey is played. First term, 1973, is the planned completion date.

Following rejection of the Field House proposal, it has been decided that a court be constructed alongside the tennis courts for basketball matches.
The construction of two new tennis courts will begin soon, and when these are completed the university will possess four grasstex tennis courts.

Work is also well under way on the proposed golf putting green near the tennis courts. The Sporting Facilities Committee is looking forward to opening this area in November. Putters and golf balls will be available at the office in the Sports Pavilion.

PROFESSOR'S BOOKS


Professor Lieberstein is Acting Dean of the Faculty of Mathematics. The book on Numerical Analysis was published by Harper and Row, of New York, and Theory of Partial Differential Equations was published by Academic Press, of New York and London.

A Course in Numerical Analysis aims to give the student sufficient mathematical experience in Mathematical Analysis to enable him either to use it effectively in scientific and technological computations or to undertake further courses that prepare him specifically for mathematical research in the subject.

Theory of Partial Differential Equations consists of 284 pages and is a text constructed in modular form (four parts), beginning with the most elementary material and finishing on a modern research level. The book which sells for $16.50 will be used at the University as part of the teaching of 3rd topic P.D.

CREDIT UNION'S ANNUAL MEETING

It had been most gratifying to witness the steady growth of the University of Newcastle Staff Credit Union Limited, the Chairman of Directors (Mr. M.E. Edmonds) said at the Credit Union's first annual meeting held in the Staff House on 11th September.

Mr. Edmonds said that the Credit Union had grown in size from a handful of enthusiasts who were responsible for the formation in July, 1971 to a group with a membership in excess of 130.

The true spirit on which the Credit Union was based was reflected during the year by the decision of the University's Staff Association to invest its surplus funds with the Credit Union to assist the needs of fellow members to be met. Now that the Credit Union had successfully passed through the period of stable formation the Directors looked forward to the coming year being one of accelerated growth.

The Supervisory Committee reported that its members had carried out a continuous internal audit of the Credit Union's activities. The Board of Directors, the Secretary and the Treasurer had all approached their tasks with enthusiasm, and the progress and success of the Credit Union had been largely due to their efforts.

The Credit Committee said that it had been able to approve all loan applications submitted by members of the Credit Union. The limit for loans was currently $1,000 and 54 loans for amounts up to this figure had been made since the Credit Union was formed. Some members had extended the amount of their loans and others had borrowed a second time after repaying the first loan, proving the truth of the Credit Union's claims that it provided cheaper loans and better service.

The annual meeting was told that the main purposes to which loans had been put were: purchase and repair of automobiles, 30.8%; consolidation of debts, 22.7%; home improvements, 22.6% and the purchase of household appliances, 10.8%.

The Education Committee reported that now the Credit Union was successfully established the time had come to ensure that every member of the University staff who was not a member was made clearly aware of the services that he or she were not using. Since staff numbers now exceeded 500 the potential membership was
considerably higher than 130. One instrument to obtain new members and keep existing members better informed about the Credit Union services would be a Bulletin.

Four directors, Messrs. P. Chopra, M.E. Edmonds, R.J. Meredith and D.W.H. Mudway retired in accordance with the Credit Union's rules. After nominations were called to fill these positions Messrs. T. Chapman, D. Doherty, M. Edmonds and T. Fryer were elected.

Associate Professor B.T. Colditz retired from the Supervisory Committee in accordance with the rules and Mr. R. Gibbins was elected to succeed him.

The Secretary (Mr. T. Chapman) and the Treasurer (Mr. D. Doherty) resigned due to pressure of personal commitments and nominations have been called for members to be appointed to replace them. Forsythe and Company were reappointed as auditors.

OVERSEA STUDY

Michael Nelson, formerly a Member of the Council elected by students, left Australia last week to enrol as a student at the University of Cambridge. He holds the degrees of Bachelor of Science (Technology) and Bachelor of Arts in this University and has been accepted as a student in the Bachelor of Theology Course at Cambridge.

DINNER SERVICE AT EDWARDS HALL

Members of the University staff are welcome to have dinner at Edwards Hall on any day of the week. Dinner at the Hall consists of three courses, plus coffee, and there is a fixed charge of $1 per person. Reasonable quantities of alcohol are permitted in the Dining Room, and the Hall can provide wine glasses, bottle openers, etc.

During term meal times are as follows:

- Monday, Wednesday, Friday - cafeteria service from 5 to 7 p.m.
- Tuesday, Thursday - dinner is served commencing at 5.45 p.m. sharp.
- Saturday, Sunday - cafeteria service from 5 to 6 p.m.

Members of staff intending to make use of the meal service at Edwards Hall are requested to inform the Hall Office ('phone 67 2615) no later than 3 p.m. on the day on which they intend to have dinner. This procedure ensures that the kitchen staff prepares sufficient food for both the members of the Hall and members of staff dining in the Hall.

LEGAL TEXTS WANTED

Legal firms in Newcastle have been invited by the Commerce Department to give to the University Library any old legal texts or any loose parts of current law reports which they no longer require.

The response has not been great, though all of the few donations received will be helpful. A particular aim of the exercise is to "construct" duplicate sets of those reports for which student demand is greatest.

EVENING PATRONS

People who patronise the Staff House in the evenings are invited to order their meal requirements by telephone, preferably before 5 p.m., by ringing extension 430. With the advent of the warmer weather, steak salads are likely to be an appealing dish. Order yours by telephone and save waiting time. The dish of
the day and sandwiches can also be ordered to take-away, or for immediate consumption. Special dishes and functions can be catered for with adequate notice. Mrs. McCormack will be pleased to discuss your requirements.

**NEW SOCIAL CLUB EXECUTIVE**

The election of officers of the University of Newcastle Staff Social Club, held on 30th August, resulted:

Patron: Professor J.J. Auchmuty;
President: Mrs. J. Conway;
Vice-President: Mr. P. Myors;
Secretary: Miss S. Lewis;
Assistant Secretary: Miss E. Leask;
Treasurer: Mr. D. Doherty;
Auditor: Mr. B. Penfold;
Committee: Mrs. L. Brent, Mrs. L. Steel, Mr. D. Dunlop and Mr. F. Boden.

Members of staff wishing to join the Social Club are invited to ring Miss Lewis (Ext. 250) for application forms.

The Union has been booked as the venue for the annual Christmas Cabaret to be held on 9th December.

**ADVERTISEMENTS**

**HOUSE FOR SALE:** 152 Grandview Road, New Lambton Heights; in bushland four miles from University; block 50' x 320' backs up onto a reserve for another 75' ; view over Hunter Valley to the north; house is weatherboard, full brick foundations, 12 years old, living-dining room 11' x 24', open fireplace, 2 bedrooms, study/bedroom, utility/bedroom, rumpus room 11' x 20' under; $22,500 or near offer; contact J.R. Giles, C/- Mathematics, Ext. 678, or 57 1466.

**HOUSE FOR SALE:** Three bedroom, brick veneer home, well preserved, new carpet, new hot water system, blinds and curtains, garage, 54 Carnley Avenue, New Lambton, $21,000, 'phone 52 1030.

**SCHOLARSHIPS, AWARDS**

Mr. J.D. Todd, the Acting Secretary to the University has more information about the following scholarships:

Mombusho (Minister of Education, Government of Japan) offers scholarships to foreign students who wish to study at a Japanese university as research students under the Japanese Government (Mombusho) Scholarship Programme for the academic year 1973 as follows: The fields of study are: Humanities and Social Sciences - Literature, History, Aesthetics, Law, Politics, Economics, Commerce, Pedagogy, Psychology, Sociology, Music, Fine Arts, etc; Natural Sciences - Pure Science, Engineering, Agriculture, Fisheries, Pharmacology, Medicine, Dentistry, Domestic Science, etc. Applicants must be under thirty five (35) years of age on 1st April, 1973. Applicants must be university or college graduates (Those who will graduate from a university or college by March or September, 1973 may apply.). Applicants must be willing to study the Japanese language and to receive instruction in that language. Applicants must be able to leave for and arrive in Japan between the 1st and 10th of April, 1973 or between the 1st and the 10th of October, 1973. An allowance of 79,500 yen per month and air tickets will be given to each grantee. The sum of 25,000 yen will also be given to the grantee on arrival to meet his immediate requirements. The closing date for applications is 13th October, 1972. The address for lodging applications and all correspondence relating to these awards is: The Secretary, Department of Education and Science (Japanese Government Scholarships), Box 826, Post Office, WODEN. A.C.T. 2606
Details have been received from the University of New South Wales of postgraduate awards and opportunities for postgraduate study and research at that University in 1973.

The Broken Hill Proprietary Coy. Ltd. is offering a special postgraduate research award in Geology. The awardee will pursue full-time research and study in connection with an M.Sc. Degree Programme in Exploration and Mining Geology at James Cook University of North Queensland. The awardee will be paid an annual stipend of $2,700 together with a dependants' allowance and will receive assistance towards payment of University fees and costs of field research. Applicants should have a B.Sc. degree with Second-class Honours in Geology or the equivalent.

Applications close on 7th October, 1972.

The Australian National University offers, in The John Curtin School of Medical Research, a limited number of Postdoctoral Fellowships in the Medical Sciences. They will be available in 1973 for those who have recently attained, or who expect to attain, the Ph.D. in a discipline appropriate to the JCSMR and who wish to pursue a career in research. Postdoctoral Fellows are appointed on a fixed salary (range $A6,804 - $A9,324 per annum) for a period of not less than one year or more than two years.

Applications are invited for Commonwealth Postgraduate Course Awards to be offered in 1973 to students undertaking full-time postgraduate study in approved courses leading to the degree of Master at Australian Universities. The awards are open to persons who have not previously held a Commonwealth Postgraduate Award, will be under 45 years of age on 1st January, 1973, are qualified for entry to an approved Master degree course and satisfy certain residence requirements. The benefits consist of a tax-free living allowance of $2,900 per academic year, a dependants' allowance for wife and one child of $650 per academic year plus additional $234 per academic year for the second and each subsequent child, the payment of compulsory university fees and special allowances to assist with travel, setting up residence and the preparation of a thesis. The courses leading to the degrees of Master of Commerce in Economics, Master of Education and Master of Engineering Science at the University of Newcastle have been approved by the Commonwealth as eligible for inclusion in the scheme. Applications close on 30th September, 1972.

The Confederation of British Industry, London, in cooperation with the Government of the Commonwealth of Australia, offers scholarships providing practical training in the United Kingdom for selected Australian engineering graduates and diplomates. The period of training will commence towards the end of 1973. These scholarships, open to engineers who are under 35 years of age, provide general or specialised training with leading engineering firms in the United Kingdom and opportunities for observing methods currently employed in British industry. The training offered is in most branches of engineering, but some difficulty has been found in placing scholars requiring training in chemical engineering. An allowance of $260 is payable toward the cost of air travel to the United Kingdom, with a similar amount for return travel. Living allowances are paid by the Confederation at the rate of £936 stg. per annum, or £1,140 stg. per annum.

Applications must reach the Australian Selection Committee by 30th November, 1972.

GRADUATE STUDIES IN ECONOMICS

Enquiries and applications are invited from scholars who wish to enrol for the Master of Commerce in Economics by Coursework for 1973. Depending upon qualifications, completion of the course requires one to two years' full-time study. Part-time enrolment may be allowed. The type of course offered is unique in the Australian context, because of its stress on economics of industrial application to developed and underdeveloped countries.

Alternatively, the Master of Commerce in Economics may also be obtained on the basis of a thesis and the Department of Economics supervises candidates for the Doctorate of Philosophy.
Details and information on financial assistance are available from Mrs. E.M. Sheehan, Graduate Assistant, Department of Economics.

CONFERENCE BOOKING

Members and supporters of the Australian and New Zealand American Studies Association in the area have been informed that the University of Newcastle has been selected by the Association to be the venue for its sixth biennial conference. A provisional booking of Edwards Hall has been made from Sunday, 18th August, to Friday, 23rd August, 1974.

Mr. L. Fredman, an Executive member, said the conference would be a great opportunity for the city and the University. He wanted suggestions and invited interested persons to join a conference committee. It would be the first significant conference in the Humanities to be held in Newcastle.

CONCESSION FARE CERTIFICATES

Advice has been received from the Department of Government Transport that UNRESTRICTED-HOURS Concession Fare Certificates are available for $6 each. They are available to students throughout the Academic Year until the end of Third Term (short vacation periods included). They allow travel by the most direct route between the points indicated on the Certificate at any time Monday to Friday inclusive, and on Saturday for journeys begun before 6 p.m., upon payment of the Students' Concession rate of fare.

Applications for UNRESTRICTED HOURS Fare Certificates should be available from the Department of Government Transport Office, Cnr. Denison and Lawson Streets, Hamilton. 2303

Restricted Student Concession Fare Certificates will continue to be available. Application forms are available from the Student Administration Office.

J.D. TODD,
Acting Secretary

COMING EVENTS

Maths Seminar

The Department of Mathematics will hold a seminar on Friday, 15th September, at 12 noon in Room AG 24. Dr. W.B. Fraser, of the Department of Applied Mathematics at the University of Sydney, will speak on "Asymptotic Theory of Elastic Stability".

Historian of the American West

Professor W. Turrentine Jackson, of the University of California, will speak on "Britain and the Undeveloped Lands: Contributions to United States and Australia in the Nineteenth Century" in Room CG 03 (Geology) on Thursday, 21st September, at 2 p.m. The lecture is presented by the History Department.

Professor Jackson is one of the leading historians of the American West. He is visiting Australia for research, conferences and lectures under the auspices of the American Council of Learned Societies. His lecture is important for both sections of History IIB, and also for British History and the fourth section of Modern European History on Imperialism. Students of Geography and Economics may also find it beneficial.

German Play and Film

Staff and students of the German Department will present a reading of Dürrenmatt's "Der Besuch Der Alten Dame" ("The Visit"), which is a first-year text. The main
roles will be read by Dr. Hilary Purves and Mr. J.D. Stowell. There will be a large supporting cast. The Producer is Dr. F. Walla. Mr. Mick Fauchon will project sets. The play will be presented in the Staff House (next to Union Building) on Friday, 15th September, at 8 p.m.

On 25th September, in the Physics lecture theatre, beginning at 7 o’clock the German Club will screen Dr. Mabuse, Der Spieler, and Dr. Mabuse, Inferno, classic silent films by one of Germany’s most famous producers, Fritz Lang. They are films that have been very influential in the development of film (Hitchcock, etc.). Every "cineast" should see them.

Informal Talks

The Philosophy Club has arranged a meeting at which people will be asked to express their views on the following matters: (a) the best methods of staff-student liaison in the Department of Philosophy and (b) the teaching of Philosophy. The meeting will be held in the Union Lounge at 5 p.m. on 21st September.

Short opening papers will be given by a member of Philosophy staff and one or two Philosophy students.

People have been invited to voice their opinions on the best ways of representing students at Departmental level and to say what they think about work loads, courses, progressive assessment versus annual exams, etc. The Club hopes to have an open and unrestricted discussion in which both students and staff will participate, with possible benefit to both. To encourage an atmosphere of informality, White, Red and Cheese will be present.

Philosophy Club

It is hoped that Mr. Graham Pont, Lecturer in the School of General Studies at the University of New South Wales, will be able to address the Club on the subject of "A Revolution in Musicology". Details will be announced later.

U.N.T.D.A.

The University of Newcastle Tutors/Demonstrators Association will hold its A.G.M.-Social in the upstairs Bar of the Staff House on Thursday, 21st September, at 1 p.m. All full and part-time Tutors and Demonstrators are invited to attend. New members of staff are specially welcome.

Address

Dr. Robin Wrinkler, Lecturer in Psychology at the University of N.S.W., will talk on "Psychology as Social Action" in the Union Coffee room on Friday, 22nd September, at 7.30 p.m. The address has been arranged by the Psychology Club.

SPORTING NEWS

Golf

Staff was successful against Students in the annual golf match for the Vice-Chancellor's trophy, held at Newcastle golf links on 10th September.

As an individual Stableford Competition was played the best 8 cards for each of the teams were counted, giving Staff 258 points and Students 211 points.

Mr. L. Entrekin, Lecturer in Commerce, had a personal triumph by scoring 46 stableford points. This won him the Newcastle Golf Club's competition and is understood to have established a record for the Club.

Cricket

Nets will be erected at University Oval every Tuesday and Thursday during the cricket season to permit players from the University to practise. A start can be made at 3.30 p.m. on these days.
roles will be read by Dr. Hilary Purves and Mr. J.D. Stowell. There will be a large supporting cast. The Producer is Dr. F. Walla. Mr. Mick Fauchon will project sets. The play will be presented in the Staff House (next to Union Building) on Friday, 15th September, at 8 p.m.

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In addition players can practise at the nets on Saturdays from 9.30 a.m. to 1.30 p.m. until the season begins on 7th October.

It is hoped that a trial match will be played between University and Waratah on the Oval on Sunday, 24th September. The Cricket Club is endeavouring to arrange a practice match for University players on the centre wicket before the start of the competition.

Rugby

Mathematics/Science defeated Engineering 14-3 to win the Inter-Faculty Rugby Competition and the Brian O'Shea trophy. Engineering had previously held the trophy.