ELECTION OF MEMBER OF COUNCIL (Student)

Notice is hereby given that pursuant to subsection (6) of section 10 of the University of Newcastle Act, 1964-70, an election will be held on 26th April, 1972 and 27th April, 1972 for the purpose of electing to the Council of the University a student of the University. The person elected shall hold office until 30th June, 1973.

Nominations:

Nominations of persons eligible for election are hereby invited.

Nominations shall be made by delivering nomination papers to the Returning Officer (Acting Secretary to the University, Room 174, Main Building) no later than 12 noon on Wednesday, 12th April, 1972.

A nomination paper shall be signed by two persons entitled to vote at the election for which the candidate is nominated, shall be endorsed with or accompanied by the written consent of the candidate to his nomination, and shall specify the class of vacancy for which the candidate is nominated and the qualifications of the candidate and his nominators.

There shall be a separate nomination paper for each candidate.

Eligibility:

The attention of potential candidates is drawn to the provisions of subsections (6) and (10) of section 10; and of section 11 of the Act namely -

10 (6) "Two members shall be elected in the manner provided by the By-laws by the students of the University:

Provided that a person who is not a student of the University shall be ineligible to be elected as a member under this subsection.

For the purposes of this subsection "student" means a person who is enrolled as a candidate proceeding to a degree or diploma at the University".

10 (10) "A person who is a full-time member of the staff of the University shall be ineligible to be a member appointed or elected in terms of subsections six, seven and nine of this section".

11 "No person who -

(a) (deleted 1970);
(b) is an undischarged bankrupt, or has his affairs under liquidation by arrangement with his creditors;
(c) has been convicted on an offence and sentenced to imprisonment, unless he has received a free pardon or has undergone the sentence; or

(d) is a mentally ill person, a protected person or an incapable person within the meaning of the Mental Health Act, 1958, as amended by subsequent Acts;

shall be capable of being or continuing to be a member of the Council".

In addition to indicating his consent to his nomination, in accordance with the requirement set out above, a candidate is requested to declare that he is eligible for election within the provisions of subsections (6) and (10) of section 10 and of section 11 of the Act.

Publication of Names of Persons Nominated:

The names of persons nominated will be published on the Noticeboard at the head of the main stairway in the Main Building on Monday, 17th April, 1972.

Voting:

In the event of more than one valid nomination being received, a secret ballot will be conducted by means of personal voting.

All Students of the University are entitled to Vote.

A student of the University for this purpose is defined as a person who is enrolled as a candidate proceeding to a degree or diploma at the University.

Votes will be taken in the foyer of the University Library between the hours of 11.30 a.m. and 2.30 p.m. and 5.30 p.m. and 7.30 p.m. on Wednesday, 26th April, 1972 and Thursday, 27th April, 1972.

J.D. TODD,
Returning Officer.

LIBRARY INCREASES LOANS

The University Library issued a record number of books to students and members of staff in 1971. The Assistant University Librarian (Reader Services), Miss J.E. Murray, reported that 96,930 books were taken out on loan in the year compared with 90,814 in 1970. Miss Murray said the Library borrowed 2,340 books through the Inter-Library Loan Service and lent 2,237.

STAFF/STUDENT CONSULTATIVE COMMITTEE ELECTIONS 1972

All students may vote in the election of the Student Representatives on this Committee and any student may stand for election.

Each Faculty elects one student member, except the Faculty of Arts which elects three. Only students from the Faculty concerned may nominate, second or stand for election as a Faculty representative. Similarly, only students from the Faculty concerned may vote in that Faculty's elections.

The Committee consists of equal members of elected staff and student members, and has as ex-officio members the Deputy Chairman of Senate, The President and Local Education Officer of the S.R.C., the President of the Staff Association, the Librarian and the Chairman of the Tutors' Association.
Functions of S.S.C.C.

For the benefit of new members of the University:

The principal functions of the Committee are to foster personal contact between students and staff, to channel information both ways between students, staff and Council and to bring to the attention of those concerned the results of its deliberations. The S.S.C.C. deals with academic matters only. It advises, it cannot legislate. It depends entirely on the goodwill and interest of students and staff.

Details of the Committee's deliberations remain confidential, although a general outline of matters discussed are published in the "University News".

Nominations

Nominations for student representatives close with the Acting Secretary to the University on 10th April, 1972. Each nomination must bear the signatures of the proposer and seconder and the written agreement of the person proposed.

REPORTS OF STUDY LEAVE

A further four members of the Academic Staff who have returned to the University after absences on study leave have presented their reports to the University Council.

Associate Professor A. Herzog (Civil Engineering) spent from April to November last year primarily studying developments in water quality management in Europe and the United Kingdom. He visited Austria, the Federal German Republic, England, Switzerland and The Netherlands. He devoted nearly three months to academic work in Munich and field work in Bavaria.

Professor Herzog said that water pollution treatment in Europe was marked by an accumulated backlog of construction. This situation developed because of the previous overestimation of the self-purification capacity of surface waters and the underestimation of increases in the quantity and in the diversity of pollutional loads. The conditions presented no danger to public health but were in a number of regions unacceptable by the aesthetic and recreational standards demanded by public opinion.

Associate Professor L.A. Summers (Chemistry) was away for the 1971 academic year. For most of this time he was attached to the Plant Growth Substances and Systematic Fungicide Unit of the Agricultural Research Council at Wye College, Kent, England. He also attended symposia and congresses held in Israel and Belgium, and visited research units in Bristol and Surrey and the Universities of Glasgow, Aberdeen, Stirling and Salford. At the invitation of Ciba-Geigy, he spent several days in Bazel, Switzerland.

Associate Professor W.R. Walker (Chemistry) worked for the bulk of 1971 as Research Associate with Professor N.C. Li at Duquesne University, Pittsburgh, U.S.A. He attended the International Congress of Pure and Applied Chemistry in Boston and the American Chemical Society's National Meeting in Washington and visited Indiana State University, the University of Pittsburgh, the Mellon Institute and various research laboratories.

Mr. J.C.R. Cameron, Lecturer in Geography, spent the 1971 academic year at the Institute of Commonwealth Studies, University of London. He also worked in the Public Records Office, the British Museum and the Library of the Royal Commonwealth Society. He visited a number of British Universities and the University of Victoria, British Commonwealth.

HALL OF RESIDENCE

There are still some residential places available in the University's Hall of Residence and application forms and an Information Handbook may be obtained from any of the following:
Dr. M.W. Blackmore - Room 124 Chemistry Building
Miss C.A. White - Room 120 Chemistry Building
Mr. H. Bradford - Amenities Office

Applications are particularly welcomed from women as it is hoped to achieve an even balance between the sexes in the Hall.

W. U. S. THANKED

The World University Service raised more than $800 at the University last July. The money was sent to the organization's Headquarters in Geneva to help provide SACHED scholarships for black South African students.

Miss Marsha Rixon, Secretary of W.U.S., University of Newcastle, has received a letter from the General Secretary of W.U.S. (S. Chidambaranathan), who said:

"On behalf of World University Service, I wish to express appreciation and sincere thanks to the Newcastle W.U.S. Committee for its contribution of SF4,000.48 for the SACHED programme. Your contribution will bring new life and hope to two SACHED students. I know that the SACHED Committee will be delighted to learn of your grant both because of the contribution and because of the interest you have taken with regard to the plight of African students in South Africa.

"SACHED continues to be one of the major projects of W.U.S. Since last year SACHED has expanded considerably with the establishment of TURRET. The TURRET correspondence college not only provides tuition and personal care for SACHED students but has also undertaken research work in order to make the subjects more relevant to the needs and aspirations of African students. Work has already been undertaken for the English Research Programme, which will be followed by mathematics and science.

"SACHED, through its practical action, has demonstrated that something can be done, even if only in a limited way, to overcome the discrimination in the educational field that Africans are subjected to".

ADVERTISEMENTS

Murdoch University

Foundation Chairs

A Planning Board has been created to establish Murdoch University, the second university in Western Australia. The university will be located south of the Swan River in the Perth metropolitan area and is expected to take its first students in 1975.

From its inception, Murdoch University will provide courses in basic humanities and sciences, together with professional courses in Veterinary Studies and Education. While detailed planning will wait on the formation of an academic planning group, the present thinking of the Board is towards an organisation of the University based on multidisciplinary Schools of Study. From the beginning it is hoped to encourage interdisciplinary and postgraduate studies.

The Planning Board is now seeking to fill some six to eight foundation Chairs, and invited applications from persons of academic standing in the following broad disciplinary areas:

- HUMANITIES: Literature, History, Philosophy
- SOCIAL SCIENCES
- EDUCATION
- BIOLOGICAL SCIENCES
- MATHEMATICS
- PHYSICAL SCIENCES: Chemistry, Physics
It is expected that the Foundation Professors will take up their appointments early in 1973, and that they will play an active part in the academic and physical planning of the University as a whole as well as in their own disciplinary areas. Additional Chairs will be filled before the university opens.

Chair of Environmental Studies

Applications are also invited for appointment to this foundation chair at Murdoch University.

The Chair of Environmental Studies has been established through an endowment from the Western Mining Corporation. No conclusions have yet been reached on the particular aspects of environmental studies which should be stressed or on the nature of any undergraduate or postgraduate courses and these, together with the administrative arrangements, will be matters for discussion with prospective appointees. The Planning Board will however be particularly interested to receive applications from persons with some expertise in operations research and systems analysis and who have had experience in working on environmental problems.

The professorial salary is at present $15,264 per annum.

Further information about Murdoch University and on the conditions of these appointments may be obtained from the undersigned with whom applications will close on 15th May, 1972.

D.D. Dunn,
Secretary to the Planning Board,
12 Stirling Highway,
(Box 139, Post Office),
NEDLANDS. W.A. 6009

FLAT TO LET: Fully-furnished, one-bedroom flat, 'phone connected, $24, Anzac Parade, Newcastle. Lease can be taken over from Easter weekend. 'Phone Ray White, Computer Centre, Ext. 212.

FOR SALE: High quality German ENNA lenses, suit Practica or Pentax, automatic preset, 240 mm f 4.5, 135 mm f 3.5, 28 mm f 3.5. For further information contact John Graham, Department of Metallurgy, Ext. 434.

FOR SALE: Tow-bar, complete with all nuts, bolts and spacers, ready to fit, custom built to suit Hillman Hunter/Royal/G.T., number plate and light does not have to be moved. $12. Also workshop manual suit Hillman Hunter/Royal/G.T., $4. "Phone Ext. 401.

FOR SALE: One brand new Hitachi portable car radio, Model WM 800 S; three-band, 8 transistor; seller recently returned from overseas; Price $55; Contact Peter Tay, 10 Samdon Street, Hamilton, or leave message with Secretary, Department of Mechanical Engineering.

SYDNEY HOME UNIT: Two-bedroomed home unit in Sydney available for rent from 10th December, 1972 to 15th February, 1974 (approximately 14 months); Fully-furnished and carpeted; T.V., telephone and covered carport; five minute's walks from the University of New South Wales and Kingsford shopping centre, opposite a bus stop; flyscreens and venetian blinds; rent $35 a week, 'phone 399 8067, Dr. S. Sunder Das, 8/36 Meeks Street, Kingsford. 2032.

Ald. F.J. Purdue, Chairman of the Buildings and Grounds Committee, gave the University Council on 16th March a report on the building programme.

He said that the classroom block (building F) of the Engineering Complex and one unit of the Hall of Residence were scheduled to be completed within days of the Council meeting. The Dining Hall at the Hall of Residence was not expected to be ready for occupation until 28th April. The second unit of the Hall was likely to be completed about mid-July.

The new Stage IIA of the Library was programmed for completion by mid-June, and work on the Social Sciences Building and the extensions to the Metallurgy Building by late-June. The Arts Theatre-Lecture Hall, to be incorporated in the Social Sciences Building, was expected to be completed in October.

Ald. Purdue said it was estimated that the Great Hall would be completed in August.

Designs for the Biological Sciences Building were approved by the Council. They constitute the basis for the University's application to the A.U.C. for funds for the project. Ald. Purdue said that if the application were not unduly delayed it should be possible to call tenders in October so that the Biological Sciences building would be ready for occupation before First Term, 1974.

**POSITIONS AVAILABLE**

**Stenographer - Department of French**  Position No. N22/72

A competent and experienced stenographer is required. A knowledge of French would be an advantage but is not essential.

Commencing salary will be up to $61.49 per week, depending upon age, qualifications and experience. In addition efficiency allowances up to $6.89 per week can be gained by passing speed tests at examinations. There are sound prospects of advancement to a salary of $67.80 per week.

**Laboratory Attendant - Department of Chemical Engineering**  Position No. N36/72

The position will involve assistance in preparation of material and equipment for laboratory classes and for research projects: physical maintenance of laboratories, equipment and stores. Previous experience in laboratory work an advantage, but not essential. Commencing salary for adults will be within the range of $64.86 to $70.00 per week, depending upon qualifications and experience. Junior rates are according to age.

**Stenographer - Computer Centre**  Position No. N35/72

A competent and experienced stenographer is required. Commencing salary will be up to $61.49 per week, depending upon age, qualifications and experience. In addition efficiency allowances up to $6.89 per week can be gained by passing speed tests at examinations.


**SCHOLARSHIPS, AWARDS AVAILABLE**

Student Administration has further information about the following scholarships and awards:

Applications are invited for the 1973 series of University of Queensland Postdoctoral Research Fellowships from appropriately qualified persons.
wishing to conduct full-time research at the University of Queensland. The closing date for receipt of applications by the Registrar is 1st August, 1972.

P. & O. Lines provides six free First Class passages annually in each direction to enable persons who have taken their first degree entirely at Australian Universities to travel to North America (Canada or U.S.A.) for post-graduate study. The Awards will not be available for (a) full-time members of staff (b) students holding a doctorate or enrolled for a doctorate (c) candidates who will not have graduated by the time of the allocation of the awards (July). All applicants will be required to complete an application form by 15th May.

The Lines will also grant passages to wives and dependent children at the minimum fare for the ship in which the passengers travel.

The C.S.I.R.O. invites applications from Ph.D. graduates, or those nearing completion of the Ph.D., for Postdoctoral Studentships of one year's duration, normally tenable in overseas institutions. Candidates for these Studentships should be in a position to take up the awards no later than the commencement of the academic year immediately following their selection. All the Studentships will be awarded in fields of specific interest to C.S.I.R.O. It is planned to announce the names of successful candidates in June, 1972. University academic staff eligible for sabbatical or study leave with pay and travel allowance are not eligible to receive assistance under a C.S.I.R.O. Postdoctoral Studentship.

Scholarships are offered for 1973 to graduated students by the University of Sao Paulo, Brazil. Registration is now open to foreign students with a diploma in a university course who are interested in carrying out cultural and scientific research at the University. Scholarships have a monthly value of U.S.$180.00 and are of one year's duration, starting January, 1973. Students must pay the cost of the trip and lodging.

Application forms must be returned to the University of Sao Paulo duly filled out before the 31st August, 1972.

The University of Glasgow offers three Scholarships of £750 a year, with remission of fees and tenable for two years from October, 1972, to graduates holding good Honours degrees who propose to pursue full-time advanced study or research in any subjects falling within the Faculty of Arts. The value of the awards is at present under review.

Applications will be considered from candidates who hope to obtain their qualifying degrees in time to begin residence at Glasgow in October, 1972.

Preference will be given to applicants who are entering upon postgraduate studies for the first time.

A candidate should apply, by letter, to the Clerk to the Faculty of Arts, University of Glasgow.


This bursary is open to women graduates who are members of the Australian Federation of University Women. The purpose of the Bursary is to provide assistance during a period of post-graduate study or research in any field in Australia or its Territories.

Application forms may be obtained from

Associate Professor E. Liggins, School of English Studies, Macquarie University, NORTH RYDE. 2113 and must be lodged by 30th June, 1972.

Canadian Pacific Airlines will offer one free economy class return flight a year from any airport in Australia used by the Company to any airport in Canada used by the Company. Candidates must be graduates of an Australian
The award will not be available to permanent staff, students who hold or are already enrolled for a Ph.D., or students who hold another award which pays all or part of the fare. It is expected that as a rule candidates will study in Canada for a duration of at least one academic year. All applicants will be required to complete an application form which is to be forwarded to University Registrars by 15th May in the year in which the award is to be taken up.

For the academic year 1972-73 the Italian Government is offering four scholarships in Italian studies and culture to Australian undergraduates or to graduates in Italian.

The scholarships will be awarded preferably to University lecturers, teachers or graduates whose aim is the teaching of the Italian language at any school level and wish to specialise in the Italian language, literature and culture. They provide a monthly grant of Lire 110,000 (about $A155) for eight months, plus Lire 80,000 ($A 115) settling-in allowance and return trip by air.

Candidates are expected to be in Italy at the beginning of the academic year (1st November, 1972 to June, 1973). They may choose any Italian University for their studies but no change of University is allowed once the choice is made. Formal applications should be presented personally (before 30th April, 1972) to the Italian Embassy in Canberra. Information may be obtained from the Italian-Cultural Institute, 947 Punt Road, South Yarra. 3141.

NATIONAL TALENT REGISTER, GOVERNMENT OF PAKISTAN

The Embassy of Pakistan, Canberra, has informed the university that its Government has established a National Talent Register embodying the names of highly qualified, experienced and approved persons in the fields of finance, management, industry, science and the arts. The register will provide the government with data which will enable it "to appoint Managing Directors and other senior Executives in undertakings whose control was assumed recently and in some of the larger plants where change of personnel is essential for the efficient working of these plants". Further information and application forms for people wishing to register may be obtained from Mr. P. Beckett, Secretary's Division.

COMING EVENTS

Colloquia Sponsored by Board

Colloquia are currently being run by staff and students under the sponsorship of the Board of Environmental Studies.

A group studying environmental hazards in the development of the Social or physical environment of Urban Newcastle meets on Thursdays between 9 a.m. and 11 a.m. in Room L.G.16 every fortnight. Any student or member of staff interested in joining Dr. Brian Lancaster (Chemical Engineering), Mr. Gordon Appleby (Architecture) and Mr. Don Parkes (Geography) and 11 students from various backgrounds (History, Geography, Economics, Mathematics, Electrical Engineering, Civil Engineering and a Social Work Graduate from Sydney University) should get in touch with any of the three staff members named above.

The group intends to identify the stock of substantial environmental hazards in the Newcastle Urban Area, present these in a map form and make written comments about each hazard. Furthermore, a particular area or hazard will be selected for more intensive investigation. It is hoped to write a short monograph approximately 5000 words for circulation in September. A primary objective will be the generation of study topics for future years. It is hoped that the mobile Environmental measurement unit will be able to 'SNOOP' in selected areas and provide the group with some basic data on atmospheric conditions.

The next meeting will be held in L.G.16, on Thursday, March 30, at 9 a.m.
Tae Kwon-Do (The Korean Art of Self-defence)

Tae Kwon-Do is one of the newest sports to be introduced to the University of Newcastle's campus. The club formally commenced training at the end of first term 1971, and has grown steadily ever since. The members are a wide selection of undergraduates, postgraduates, and members of staff.

All university students and staff are welcome to join the club. Members train as a formal group at Mayfield Y.M.C.A. every Saturday (3 - 5 p.m.) and Sunday (10 - 12 noon).

People interested in joining are invited to get in touch with the President and Assistant Instructor (Mr. Lee Seng Kwee, Engineering, a First degree Black Belt holder), the Secretary (Mr. Leon Loftus, Psychology), the Treasurer (Mr. Stephen Ngau, Commerce) or Miss Julie De Hair (Arts I). A training fee of $4 is charged every month. Mr. Y.K. Yun, of Sydney, is Instructor. He is a Fifth Degree Black Belt Holder and has had 19 years' experience in the sport.

Tae Kwon-Do is the modernized way of an old oriental art of self-defence or unarmed combat. It was first heard of 1300 years ago in Korea when it was called Tae Kyon. Tae Kyon is a form of foot fighting. Through the centuries hand techniques were introduced and the combination is now called Tae Kwon-Do, but in the more advanced techniques the use of the legs is still more important.

Tae Kwon-Do, besides being one of the most effective methods of self-defence, gives self-confidence, self-discipline and physical coordination and is also mentally relaxing.

The Tae Kwon-Do and Judo Club will hold its annual meeting at Mayfield Y.M.C.A. on 8th April at 4.30 p.m. Nominations are being called for officers.

Newcastle International Student Hostel Steering Organisation

Newcastle International Student Hostel Steering Organisation was formed late last year because of a shortage of low-cost accommodation for students in Newcastle (particularly overseas students). Since then the Organisation has been registered with the Chief Secretary's Department.

At the moment members are looking at possible sites for a hostel, working out a formula by which the hostel can be governed, and preparing to launch a fund-raising drive.

The Annual General Meeting of the Organisation will be held in the Staff House Thursday, 13th April, at 8 p.m.

String Quartet

Professor K.W. Robinson, Head of the Department of Geography, is asking to be informed about members of staff or friends (with addresses) who would like to subscribe to a special chamber music concert to be given by the Austral String Quartet on Anzac Day, Tuesday, April 25th, in the Teachers' College Hall, Union Street, at 8.15 p.m.

The proceeds of this concert, for which the A.S.Q. will give its services free, go to the Aboriginal Childrens' Advancement Society, Newcastle Branch. Tickets will be priced at $3 for members of the public and $2.50 for students, with an additional $1.50 for supper (champagne).

The programme will be:

- Schubert: Quartettsatza in C Minor D 7043
- Sculthorpe: String Quartet Music (Radcliff Award)
- Beethoven: String Quartet in C Major, Op 59 No. 3
Squash Gradings

The University's Squash Club will conduct gradings for beginners (male and female) and other interested people at the Squash Courts between the hours of 8 and 10 p.m. from Monday, 17th to Friday, 21st April. The objective is to give people indications of their prowess as squash players. At the Squash Courts a notice has been erected for the recording of names and convenient nights. A draw will be prepared and displayed on the Wednesday prior to the gradings.

The Squash Club will meet next on Sunday, 16th April, at 5 p.m. at the Squash Courts.

Dr. Edwards Honoured.

The first Hall of Residence has been named Edwards Hall by the University Council in recognition of Dr. G.A. Edwards' part in the development of the university.

Dr. Edwards has been Deputy Chancellor since 1966.

He holds the degrees of Bachelor of Arts and Bachelor of Science of St. John's College in the University of Oxford and is affiliated with the Royal Institute of Chemical Engineers and the Royal Institute of Chemistry. He was posted to Australia as Managing Director of Courtaulds (Aust.) Ltd. 's plant at Tomago.

The service given by Dr. Edwards to assist the university to develop as a new and autonomous teaching and research institution has been long and noteworthy.

Originally a member of the Newcastle University College Advisory Committee, he was appointed by the University of New South Wales to our first Council, and contributed much to its work in preparing the way for independence. He succeeded the late Mr. Lyon-McLarty as Chairman of the Building Committee, and, then when independence came, he was elected the first Chairman of the newly independent University Council. In 1966 he received the Honorary Degree of Doctor of Science.

Credit Union Membership

Development of the University's Staff Credit Union, which has functioned for eight months, reached a significant stage early this month when membership climbed above 100. Membership is available to employees of the university, the Union, the Staff House, the Sports Union, the Bookshop and the Hunter Valley Research Foundation, postgraduate students and members of the families of employees.

The Credit Union lends sums of up to $1,000 to members at a rate of interest of 1% per month, calculated on the unpaid balance of the loan. This means that $100 borrowed for 12 months costs approximately $6.60. As can be appreciated this rate of interest is lower than that charged by nearly all finance companies.

Members can also save through the Credit Union by arranging for the university to make deductions on their behalf from salaries.

Persons interested in availing themselves of these and other financial services should contact any one of the Directors, who are: Mr. M.E. Edmonds (Staff Engineer), Mr. P. Chopra (Education), Mr. J.W. Armstrong (Secretary's Division), Mrs. J. Odgers (Geology), Mrs. E. Burns (Metallurgy), Mr. N. Keats (Chemistry), Mr. L. Norberry (Deputy Bursar), Mr. D. Mudway (Mechanical Engineering) and Mr. R.J. Meredith (Education).