

## Research School of Chemistry building under construction

Work began in October on the erection of the first stage of a building for the Research School of Chemistry. Civil and Civic Pty. Ltd. are erecting the building at a cost of £894,120 which will be met from funds made available by the Commonwealth Government.

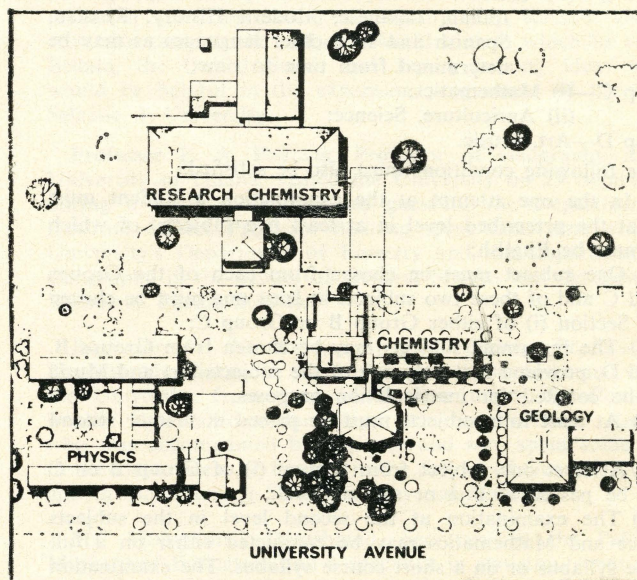
Architects Eggleston, Macdonald and Secomb, of Melbourne, have incorporated some of the most recent developments in chemical laboratory design in their plans for the building.

The building, which is expected to be ready for occupation in the first half of 1967, is being erected near the Chemistry Building of the School of General Studies so that a close working relationship may be developed between the Department of Chemistry and the new Research School.

Each of the three sections of the Research School—Organic Chemistry, Inorganic Chemistry and Physical and Theoretical Chemistry—will occupy one floor of the three-storey main block of the building. There will be two, four and six-man laboratories, office accommodation, and special purpose laboratories and instrument rooms.

A two-storey lecture theatre and library block will be linked to the main building by a walkway at first-floor level. A single-storey wing behind the building will house stores, wood-working, welding and glassblowing plant, and a repair shop.

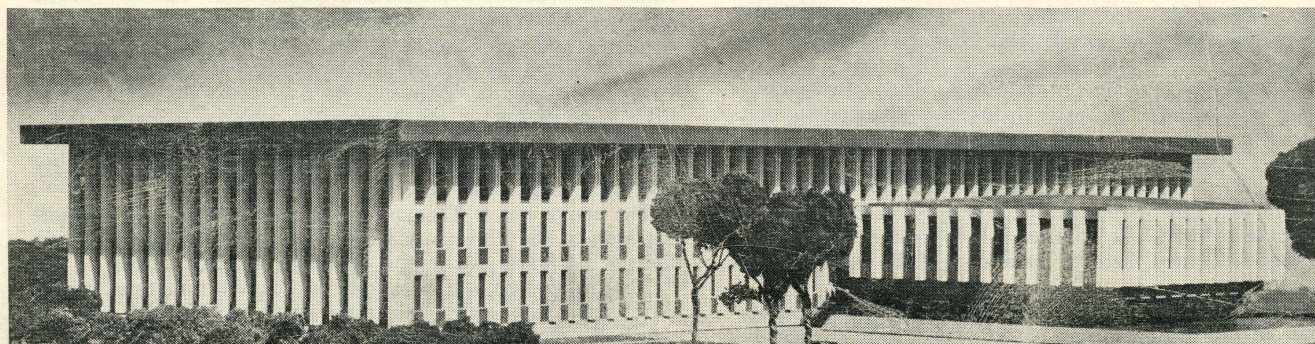
Until the Research School's laboratories are ready for use, a number of postgraduate scholars and postdoctoral fellows will work in Britain with Professor A. J. Birch and Professor D. P. Craig, who have accepted the School's Foundation Chairs of Organic Chemistry and Physical and Theoretical Chemistry respectively. Professor Birch is at present Professor of Organic Chemistry in the University of Manchester and Professor Craig is Professor of Theoretical Chemistry in University College, London. The postgraduate scholars will finish their



*This site plan shows the placement of the building for the Research School of Chemistry in Science Road, between the Physics and Chemistry Buildings of the School of General Studies.*

courses in Canberra when the Research School of Chemistry building is occupied, while the postdoctoral workers will come to the Australian National University as research fellows.

Professor Birch has been appointed Dean of the newly-established Research School for a period of three years. Professor Birch's appointment as Dean will be effective from the date in 1967 when he takes up his position as Professor of Organic Chemistry in the Research School. Until that time Professor Birch will be known as Dean-Elect of the Research School of Chemistry.



*An architect's model of the main building and associated lecture theatre and library for the Research School of Chemistry.*

# New matriculation requirements to come into effect in 1968

Under requirements which will come into effect in 1968 a student seeking matriculation in the Australian National University will be expected to have passed at the prescribed level and standard in the Higher School Certificate Examination in at least five subjects chosen from the following groups:

Group A—English;

Group B—(i) French, German, Greek, Latin;

(ii) Ancient History, Bahasa Indonesia, Chinese, Dutch, Economics, Geography, Hebrew,

(ii) Ancient History, Bahasa Indonesia, Chinese, Italian, Japanese, Modern History, Russian, Spanish and such other languages as may be determined from time to time;

Group C—(i) Mathematics;

(ii) Agriculture, Science;

Group D—Art, Music.

The following conditions must also be satisfied:

(i) In the one attempt at the examination a student must pass at the prescribed level in at least five subjects, of which one must be English;

(ii) One subject must be chosen from each of the Groups B and C and of these two subjects at least one must be chosen from Section (i) of either Group B or Group C;

(iii) The remaining subjects may be chosen from Groups B, C and D, provided that only one of the subjects Art and Music may be counted for matriculation purposes;

(iv) At least four subjects must be passed at first or second level;

(v) At least one subject from Section (i) of Group B or C must be passed at first or second level;

(vi) The examination at the second level in the subjects Science and Mathematics may be conducted either on a full course syllabus or on a short course syllabus. The examination at the first level in each of these two subjects will be on a full course syllabus. Passes in both Mathematics and Science where these subjects are taken as full courses will be counted as passes in three subjects, but otherwise each shall count as a pass in that one subject only;

(vii) a candidate who has presented himself for the Higher School Certificate Examination in not less than five subjects selected in accordance with these conditions, including a subject from Group B (i) or Group C (i), and has passed in English and in three of the other subjects, may be eligible to matriculate if he has reached a standard determined from time to time by the University.

Formal matriculation requirements for 1968 have not yet been drafted but they will be based on the requirements given above for students undertaking the New South Wales Higher School Certificate Examination.

The University understands that these matriculation requirements are such that a candidate who has qualified to enter the fifth and sixth year of the course for the Higher School Certificate Examination in 1966 and later years will be able to select subjects for that examination which, if passed at the appropriate level, will qualify him for matriculation in the University.

The University's decision to require at least four passes at first or second level is based upon its understanding that the first and second level syllabuses for the various subjects are specially designed for a student who intends to proceed on a university course. The University does not believe its requirement that four of the five qualifying subjects be passed at first or second level will mean that a smaller proportion of qualified students than at present will be qualified to matriculate.

The Vice-Chancellor of the University, Sir Leonard Huxley, said that, in determining these requirements, the University

had made a very careful examination of the curriculum and the syllabuses of individual subjects prescribed for the Higher School Certificate, and had consulted with the universities of the State of New South Wales and with the principals of secondary schools in Canberra.

Sir Leonard said that the University did not intend to use the occasion of new matriculation requirements as a means of reducing the proportion of students eligible to attend. The University had taken the best advice available and believed its decision to be an equitable one. However, if it should happen that the advice in due course was proved erroneous by the results of the Higher School Certificate Examination, the University would be prepared to re-examine its matriculation requirements.

## Enrolment in 1966

The School of General Studies expects to be able to accept all qualified applicants for enrolment in 1966, with the possible exception of those seeking to study in the Department of Zoology. Because of limited laboratory space in this department it will be necessary to restrict the number of Zoology students to about 240 in 1966, compared with an enrolment of about 190 this year. It is understood that up to 280 students might seek to study in the Department of Zoology next year.

## University operates N.T. seismic array

Under an agreement between the Australian National University and the United Kingdom Atomic Energy Authority, the University is operating a large seismic installation near Tennant Creek in the Northern Territory.

The array consists of two lines of ten seismometers arranged in the form of a cross with appropriate telemetering, cabling and recording equipment. Each line is about 12 miles long. The seismic array is similar in form to the Mills Cross being built for radioastronomy at Hoskingtown, near Canberra, and will have a detecting capacity about 20,000 times greater than that of a normal seismic installation.

The availability of this equipment in Australia is of very great scientific value and will enable the University to make substantial contributions to studies of the crustal structure of Australia and to knowledge of the seismic characteristics of the world. These facilities will provide productive fields of study for many research students over the next five to ten years. Work on the array is the joint responsibility of Professor J. C. Jaeger, Dean of the Research School of Physical Sciences and Head of the Department of Geophysics and Geochemistry, and Professor G. H. Newstead, Head of the Department of Engineering Physics.

The operation of the array consists of two separate but related activities—the recording of data at Tennant Creek and the processing of records in Canberra. Negotiations are in hand to let a contract for the operations at Tennant Creek to Geopeko Ltd., a geophysical exploration company based in the area. In Canberra, the University's I.B.M. 360 computer will process the records. A team headed by Professor Newstead will operate the data processing equipment, and members of the Geophysics Department led by Professor Jaeger will interpret the seismic data.

The equipment at Tennant Creek, which will be on permanent loan to the University from the United Kingdom Atomic Energy Authority, went into operation on 20 October.

The installation will be known as the Warramunga Seismic Array after the aboriginal tribe which inhabits the area in which the array is established.

## Lord Adrian among University visitors

When in Canberra to give the second David Rivett Memorial Lecture, Lord Adrian of Cambridge spent some time in the Australian National University. He and Lady Adrian were guests of the Vice-Chancellor at dinner, and Lord Adrian attended a Department of Physiology symposium in the John Curtin School of Medical Research.

Lord and Lady Adrian are pictured below at the entrance to the R. G. Menzies Building of the University Library with the Deputy Vice-Chancellor, Professor Sir Hugh Ennor (left), and the University Librarian, Mr J. J. Graneek.



Lord Adrian gave his lecture on "Progress with the Human Nervous System" in the Canberra Theatre on 21 October. He is known throughout the world for his work on brain action potential and shared the Nobel Prize for Physiology and Medicine with Sir Charles Sherrington in 1932. Lord Adrian has spent all his professorial life in Cambridge, where he has been Foulerton Research Fellow, Professor of Physiology, Master of Trinity College and Vice-Chancellor. He has been a Royal Medallist, Copley Medallist and President of the Royal Society.

Among other distinguished visitors to the University recently has been a number from sister institutions in Britain, Africa and Asia.

The visitors included the Vice-Chancellor of the University of Singapore, Dr Lim Tay Boh, and his wife, who visited Canberra on 18-19 August in the course of a tour of Australian universities. Dr Lim studied Australian experience in maintaining standards in the face of rapidly increasing student numbers and in adapting teaching methods to the increases in class enrolment.

Another visitor from Singapore was the Chairman of the Council of the University of Singapore, Dato Tay Teck Eng, and his wife. The visitors had lunch with the Vice-Chancellor before making a tour of the University on 30 August.

The Vice-Chancellor of the University of London, Sir Thomas Creed, and Lady Creed visited the University on 19-20 August while in Australia on their way to a meeting of the International Association of Universities in Tokyo.

The Vice-Chancellor of the University of Ibadan, Nigeria, Professor K. O. Dike, visited the University in September. Professor Dike, who was in Australia as a Visiting Fellow under the Commonwealth Scholarship and Fellowship Plan, is founder and current Director of the National Archives of Nigeria. He is also President of the Historical Society of Nigeria, Chairman of the Nigerian Antiquities Commission and a Fellow of the Royal Historical Society. Professor Dike took part in a seminar with historians of the Australian National University during his time in Canberra.

A highlight of a visit to the University by Lij Kassa Walde Miriam, President of the Haile Selassie I University, Addis Ababa, and his wife, Princess Seble, on 14 September, was an inspection of experimental work on eucalypts being undertaken in the Department of Botany. Lij Kassa's visit to Australia came at the end of a world tour in which he visited Britain, the United States and Japan, gaining ideas which would be helpful in the expansion programme of the Haile Selassie I University.

Professor E. A. Boateng, Professor of Geography in the University of Ghana, visited the University on 29 September, during a tour of Australia as guest of the Department of External Affairs. Professor Boateng spent some time with the University's Department of Forestry and the Departments of Geography in the School of General Studies and the Research School of Pacific Studies.

Professor G. V. Raynor, F.R.S., Feeney Professor of Physical Metallurgy in the University of Birmingham, visited the University from 9 to 14 October under the Commonwealth Universities Interchange Scheme. Professor Raynor, who was accompanied by his wife and son, spent some time in the Department of Physics in the School of General Studies, and in the Research School of Physical Sciences.

Mr. Muhammad Danishmad, Secretary in the Pakistani Ministry of Education and a specialist in statistics, spent some time in the University when he visited Canberra from 19 July to 6 August. He showed particular interest in student administration in the School of General Studies and visited the Department of Political Science in the School and the Department of Demography in the Research School of Social Sciences. Mr. Danishmad visited Australia as a UNESCO Fellow studying the publication of education statistics and the processes involved in their collection.

## Gift of ceremonial bowl

The former Chancellor of the University, Sir John Cockcroft, is to make a gift of a silver ceremonial bowl to the University. The bowl will be used as a table centrepiece on ceremonial and other special occasions in the University halls of residence.

It will be circular in shape with a massive silver rim on which will be inscribed Sir John's name and the period in which he held office as Chancellor. The University arms will be incorporated in the design of the base of the inside of the bowl.

Accepting Sir John's offer of the bowl, the Vice-Chancellor said that the gift would serve as a reminder of the distinction that Sir John brought to the office of Chancellor and of the great services that he had rendered to the University.

Sir John Cockcroft retired as Chancellor on 31 July after having held the position for four years.

## Recent University publications include first book of verse

In "The Ilex Tree" the University has published its first collection of original verse. The book contains poems by Les Murray and Geoffrey Lehmann, two poets whose work has attracted considerable attention lately.

Mr Murray, who is a member of the University's Translation Unit, attended the Commonwealth Poetry Conference in Cardiff. The conference was part of the Commonwealth Arts Festival held in Britain in September. The festival organisers invited Mr Murray as one of two Australian representatives to the conference. The other was Professor J. P. McCauley, Professor of English in the University of Tasmania.

Mr Murray, who is 26 years old, has had poems read on the A.B.C. and published in Australian literary journals and poetry anthologies. One of his poems was included in a book, "Young Commonwealth Poets '65", published for the Commonwealth Arts Festival by William Heinemann Ltd.

The University also recently published five other books of interest, including a collection of essays by Professor O. H. K. Spate, Professor of Geography in the Research School of Pacific Studies. Professor Spate's book, entitled "Let Me Enjoy: Essays Partly Geographical", ranges from the golden age of medieval India, through the renaissance discoveries to the improving ways of modern "experts". The content of the essays is often serious and there is some solid geographical argument, but other pieces have a lighter touch.

"Let Me Enjoy" sells for 50s. and is being distributed in Australia through Jacaranda Press Pty. Ltd. Overseas distribution is through Methuen and Co. Ltd.

Dr G. M. Neutze, Senior Fellow in charge of the Urban Research Unit, has written a study of city sizes entitled "Economic Policy and the Size of Cities". Dr Neutze deals with twin problems of large sprawling cities and decaying country towns. The book is based on Australia data, and contains estimates of some of the costs of further growth or large and small centres.

"Refugee Settlers", by Jean L. Martin deals with displaced persons in Australia. It is the result of a study of migrants made shortly after their arrival in Australia in 1953 and a further study made in 1962, when the author sought to find the changes that had taken place in the newcomers' lives and attitudes in the intervening years. "Refugee Settlers" raises a number of problems about the migrants' relations with their hosts, both as individuals and as members of organisations. The book is published at 37s. 6d.

Another book on immigrants, "Settlers in the Latrobe Valley", published by the University in December last year, has led to 90 first-year social workers visiting the Latrobe Valley to undertake a field study of migrant assimilation. This book, by Dr. J. Zubrzycki, Professorial Fellow in the Department of Sociology, has received wide attention in Australia and overseas.

In "Kinship and Conflict" Dr L. R. Hiatt analyses changes in an Aboriginal community in northern Arnhem Land. This community recently abandoned a nomadic existence to live in a government settlement. Dr Hiatt began the 20 months' fieldwork on which his book is based when he was a Research Scholar in the University. He went to England last year as an Australian National University Travelling Scholar and now is Lecturer in Anthropology in the University of Sydney. "Kinship and Conflict" is a publication of the University and is priced at 45/-.

"Richard Daintree: A Photographic Memoir" by Dr G. C. Bolton is another of the University's recent publications. A biography of one of Australia's early geologists and photographers, the book is profusely illustrated with Daintree's own photographs. Dr Bolton is Professor of Modern History in the University of Western Australia.

In association with the Cresset Press, the University has published "Barbarian Beds: The Origin of the Chair in China" by Professor C. P. FitzGerald, Professor of Far Eastern History. Professor FitzGerald's book traces the development of the chair in China and is based on original literary authorities and authentic archaeological and pictorial sources. The book's 17 full-page plates are produced by colotype — a comparatively rare platemaking process which gives texture and detail to illustrations not possible with conventional processes. This book costs 105s.

Another book by Professor FitzGerald, "The Third China", was recently published by F. W. Cheshire for the Australian Institute of International Affairs.

The Oxford University Press has published "Law in Society" by Professor G. Sawyer, Professor of Law in the Research School of Social Sciences, while the Cambridge University Press has published a work on myxomatosis by Professor F. J. Fenner, Professor of Microbiology, and Mr F. N. Ratcliffe, of the C.S.I.R.O.

Two members of the Department of Political Science in the School of General Studies have recently had books published. F. W. Cheshire Pty. Ltd. have published "Australian Society: A Sociological Introduction". Dr S. Encel wrote this book in association with Mr. A. F. Davies of the Department of Political Science in the Research School of Social Sciences. Allen and Unwin Ltd. have published "Politics and Airlines" by Associate Professor D. C. Corbett at 35s. stg. "Australian Society" retails at 52s. 6d. Aust.

Forthcoming books by members of the same department include "Power in the Liberal Party" by Mrs Katherine West, to be published by F. W. Cheshire, and "Australian National Government" by Professor L. F. Crisp, to be published by Longmans, Green and Co. Ltd.

## University bookshop plan

As an extension of the University's facilities, a bookshop is to be established on the site in time for the beginning of the 1966 academic year.

The University Co-operative Bookshop Ltd., Sydney, will conduct the bookshop in the University Union until a new building has been erected for the bookshop and other University services.

It is anticipated that the bookshop premises will have an initial area of about 2,000 square feet but that this area will be increased to 3,000-4,000 square feet within ten years.

An architect is to prepare sketch plans for the siting and design of the new building, and Yuncken, Freeman Architects Pty. Ltd. have been appointed to confer with the Site Consultant and the Users' Committee on siting and the preparation of plans.

The University Council has established a committee to consult with the University Co-operative Bookshop Ltd. on questions relating to the needs of users of the bookshop and members of the University are being encouraged to make representations to the bookshop management concerning their requirements.

## Wide-ranging program of public lectures

The Professor of Forestry, Professor J. D. Ovington, and the Professor of German, Professor H. Kuhn, both gave Inaugural Lectures in the University recently.

Professor Ovington spoke on "The Role of Forestry" on 10 September, and Professor Kuhn spoke on "Language and Nation" on 12 October.

Other public lectures held in the University recently included a series by Sir Steven Runciman on "The Decline and Fall of Byzantium". Sir Steven, who is Honorary Fellow in Trinity College, Cambridge, gave four lectures during his visit to Canberra as part of a tour of Australia for the British Council.

He drew much of the material for the talks from researches made for his latest book on Byzantium, which was published recently in London. He spoke of the empire's political decline, its religious controversies, the social and intellectual life, and the fall of Constantinople.

While in Canberra, Sir Steven also gave several seminars in the Department of History in the Research School of Social Sciences.

Prince Subhadradis Diskul of Thailand gave a public lecture on the classical arts of Thailand on 15 September at the end of four months' stay in the University as its first Asian Fellow. During his time in Canberra, Prince Diskul lectured on Thai art and archæology, history and culture to students in the Centre of Oriental Studies.

He visited universities in other Australian capitals and New Zealand before returning to Thailand in October. The Prince was accompanied on his tour by Princess Diskul, who came to Australia towards the end of her husband's stay in Canberra.

Dr E. L. Ruhe, Associate Professor of English in the University of Kansas, spoke on "The Contemporary American Novel, 1945-1965" in a public lecture given in the University on 30 September. Dr Ruhe is a Visiting Lecturer in English Literature in the University of Adelaide under the 1965 program of the Australian-American Educational Foundation.

Professor R. W. Steel, Rankin Professor of Geography in the University of Liverpool, surveyed problems of the developing countries of the tropics, with particular reference to Africa, in a public lecture given in the University on 22 September. Professor Steel visited the Australian National University under the Commonwealth University Interchange Scheme.

In association with the Canberra Mathematical Association, the University arranged for Professor B. V. Gnedenko, Professor in the Department of Probability Theory, Moscow State University, to speak on mathematical education in the Soviet Union at a public lecture on 25 October. Professor Gnedenko is in Australia under the Exchange Visitor Scheme between Moscow State University and the Australian National University.

---

### CHANGES OF ADDRESS

The Registrar would be pleased to receive notification of changes of address so that records and the mailing list for the "News" may be kept up-to-date.

The following information should be provided: Name (in block letters), titles and degrees, present address. Women who have married since graduation should also give their maiden names.

## Unit to study aspects of urbanisation

The University's Research School of Social Sciences has formed an Urban Research Unit to study the economic, political and social aspects of urbanisation.

Dr G. M. Neutze, formerly Senior Lecturer in Economics in the School of General Studies, has been appointed Senior Fellow in charge of the Unit. He will take up his appointment in January 1967, after having spent 1966 working with the Urban Economics Research Group at Resources for the Future in Washington.

Dr Neutze graduated Master of Agricultural Science from the University of New Zealand in 1957, when he went to the University of Oxford as a Rhodes Scholar. He gained his Doctorate of Philosophy at Oxford in 1960. He joined the staff of the Canberra University College in the same year as Lecturer in Economics and was promoted to the position of Senior Lecturer in the School of General Studies in 1963.

A committee comprising the Director of the Research School of Social Sciences and the Head or Acting Head of the Departments of Sociology, Political Science, Economics and Economic History in the Research School will be responsible for the overall research planning of the Unit. This committee, to which the Unit is generally responsible, will determine the development of lines of research.

The research will be organised on a project basis and will cover such issues as transport problems of cities and location decision-making as it affects the distribution of population and business and other activities.

It is anticipated that the Unit will pursue one main theme of research for three to five years before diverting its attention to another theme.

The first project which the Urban Research Unit proposes to undertake is in the field of transport and communications and location decision-making.

---

## Membership of Council

Council is to seek amendment of the Australian National University Act 1946-1963 so that it will no longer be necessary for the member of Council elected by the undergraduates to be a graduate of at least two years' standing. The proposed amendment would enable a recent graduate to be a member of Council. However, the candidate would still have to be at least 21 years of age and a student of the University.

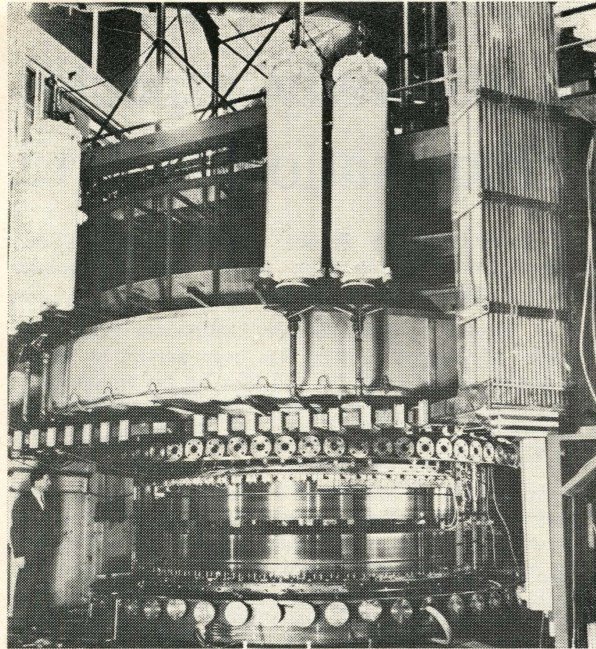
Council's decision to seek this amendment to the Act was made following a submission from the President of the Students' Representative Council, Mr. S. C. Yocklunn.

The Commonwealth Senate has re-elected Senator K. A. Laught and Senator Dorothy Tangney to be members of Council for another three years from 1 July 1965. Professor J. C. Jaeger, Dean of the Research School of Physical Sciences, has been rechosen by the Heads of the Research Schools to hold office as a member of Council until 31 December 1965.

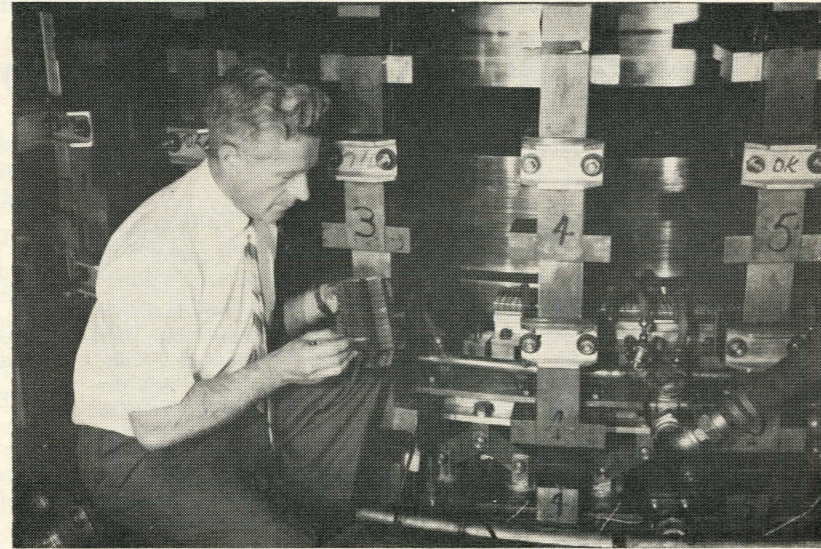
---

"The Australian National University News" is published by the Registrar for private circulation within the University and printed by the Federal Capital Press of Australia Pty. Ltd., at Mort Street, City, A.C.T.

# GIANT MACHINES AID SCIENCE RESEARCH



The homopolar generator during assembly, showing the main structure, the two rotors, the brush gear air tanks and the main current leads from the machine.



A close view of the working parts of the generator. Here the rotors, outer brushes and the vertical conductors can be clearly seen.

## HOMOPOLAR GENERATOR UNDERGOES FINAL TESTS

The University's Department of Engineering Physics is in the final stages of testing its homopolar generator to prove its reliability as a source of high energy pulses.

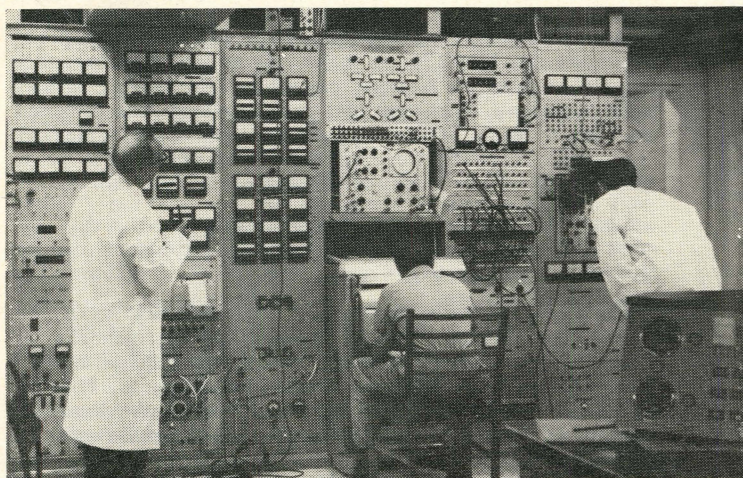
The generator absorbs electrical energy from the mains over a period of about ten minutes, storing it as kinetic energy in two rotors, and discharging it in a short high power pulse with currents of up to 1.6 million amperes for about a second.

The 40-ton rotors are 12ft. diameter discs which rotate about a vertical axis. They are made of mild steel to enable the vertical magnetic field to pass easily between the electro-magnetic poles above and below the rotors.

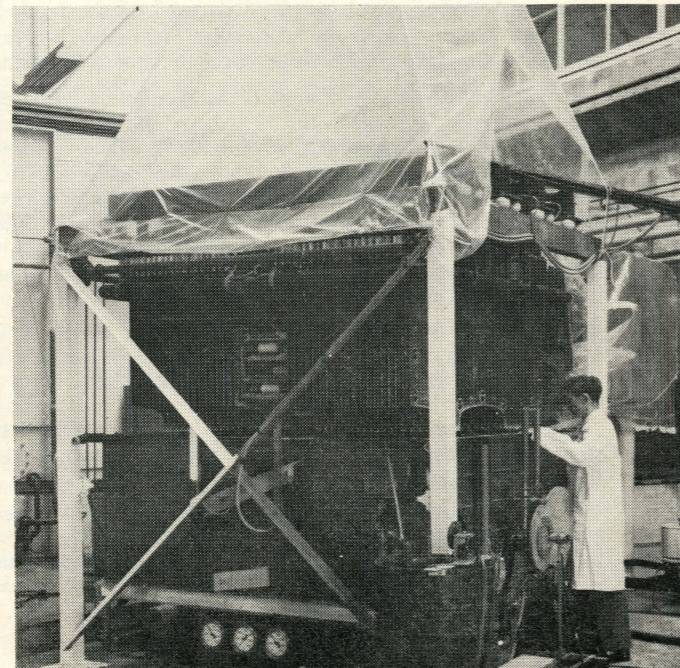
The high energy pulses are drawn from the rotors by means of numerous copper graphite brushes which are brought into contact with the rotor just prior to an energy pulse and are disengaged just afterwards. During the many test pulses taken to date, the brushes and all other components of the generator have fulfilled the expectations of workers in the department.

Concurrently with the testing program, a small high field magnet and cryogenic laboratory is being set up. The first electro-magnet, which is expected to be in operation by mid-1966, will be powered by the generator extracting lower currents for longer times by "ripple pulsing" the brushes. It will arrive soon from the United States and will develop a field strength of 150,000 gauss in a two-inch spherical region. To cool this magnet, a pulsed water cooling system is being developed which is intended to be suitable for magnets of up to 500,000 gauss. Other electro-magnets will be developed in Britain and in the University's Department of Engineering Physics.

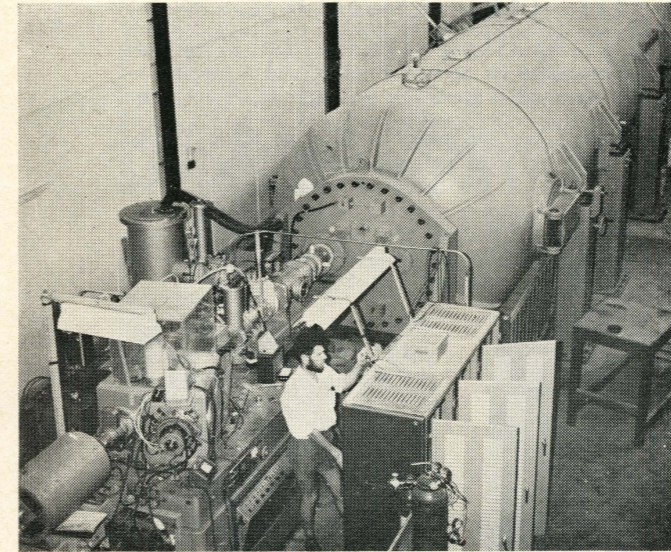
Many physicists in Australia, as well as those in the Australian National University, have expressed interest in using these intense fields for solid state and plasma experiments. It is expected that this interest will grow as the availability of intense magnetic fields materialises and becomes generally known.



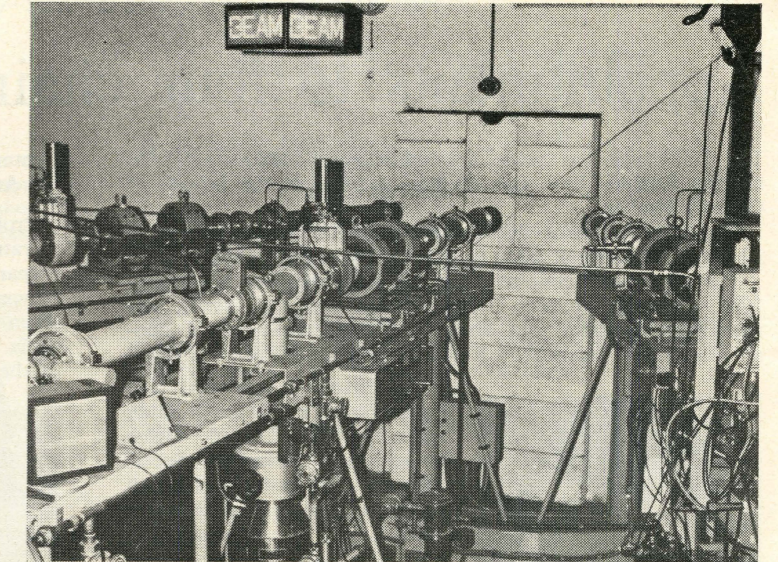
ABOVE: The main bank of monitoring equipment in the control room of the homopolar generator.



RIGHT: The electrolytic test load absorbs the 1.6 million ampere pulses from the generator and acts as a switch for this large current.



The tandem accelerator is housed in a pressure tank 45 feet long and eight feet in diameter. The tank contains four tons of insulating gas at a pressure of 15 atmospheres. In the rear left of the picture the charged particle source is being adjusted before operation.



The particle "beam" is led through concrete walls to one of three vacuum lines, each of which has several experimental arrangements permanently set up.

## FULL-TIME USE OF THE TANDEM ACCELERATOR

The Van de Graaf tandem accelerator is the main particle accelerator being used by the University's Department of Nuclear Physics.

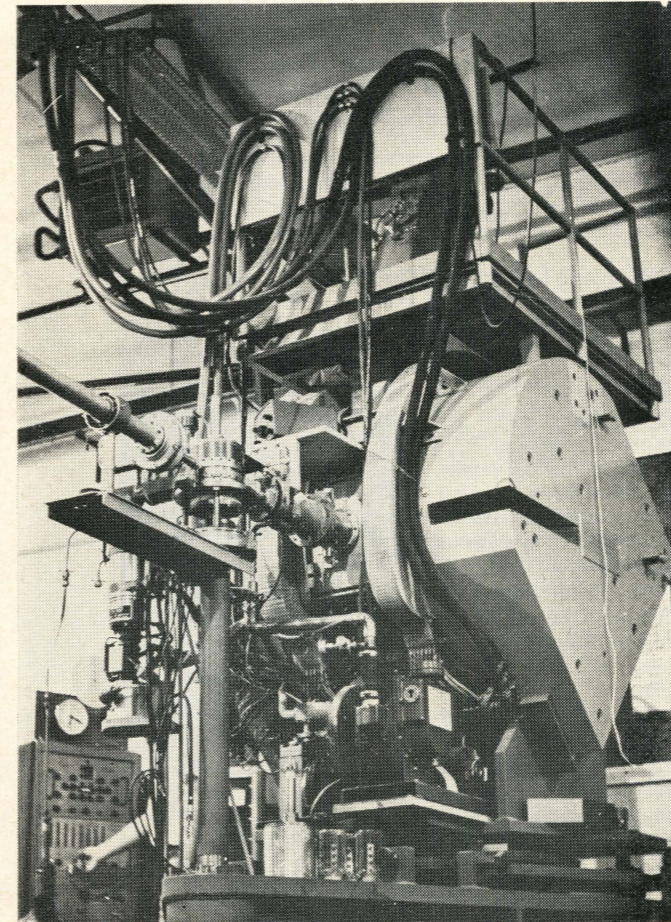
Manufactured by the High Voltage Engineering Corporation of Boston, the machine was installed in the department in 1960.

The machine is essentially a device for accelerating electrically charged atomic particles to energies of more than 12 million volts, with an energy precision to one part in 5,000.

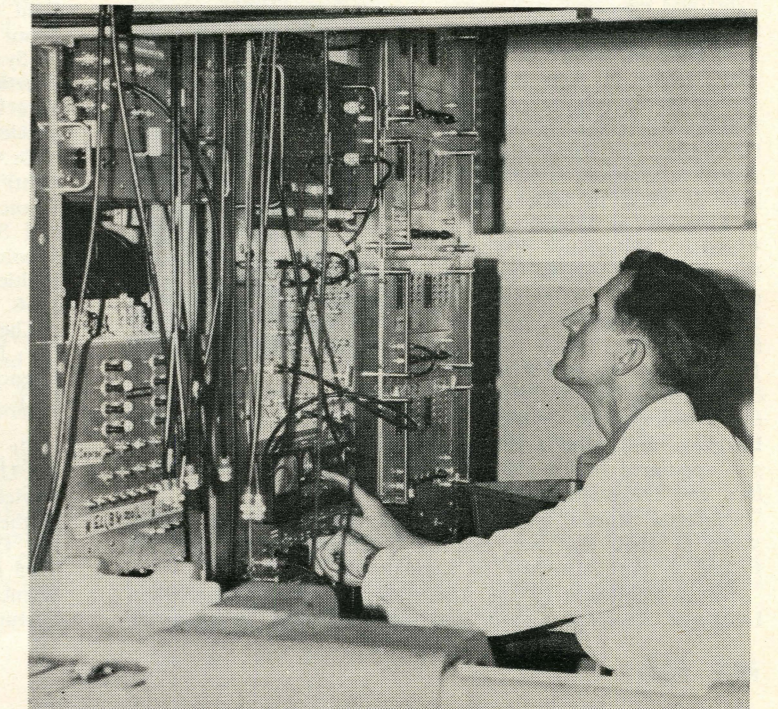
The research carried out with the machine is aimed at elucidating the detailed structure of atomic nuclei, especially in the region of the light elements.

Use of the machine is shared equally between various research groups and the accelerator operates on a 24 hours a day, seven days a week basis. It is maintained and operated by a crew of seven technical staff, and used by 11 academic staff with 15 Ph.D. students.

The laboratory attracts a large number of overseas visitors, some of whom work in Canberra for substantial periods of time.



ABOVE: At the end of one beam line is this large magnet which is used as a spectrometer for the precise measurement of particles emitted from a target under beam bombardment.



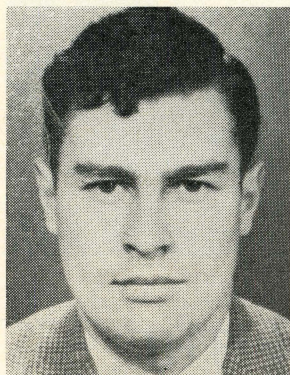
RIGHT: Electronic information is fed back from the "target" area to the control station, where it is recorded and analysed during an experimental run.

# Appointments to four chairs in the School

The University has made appointments to Chairs of Economics, English, Law and Political Science in the School of General Studies.

The new Professor of Economics is Dr J. D. Pitchford, who was formerly Reader in Economics in the School.

The Chair of Economics has been vacant since December 1963, when the previous holder, Professor H. W. Arndt, was appointed Professor and Head of the Department of Economics in the University's Research School of Pacific Studies.



Dr Pitchford (pictured left) is at present on a year's study leave in the United States under a Carnegie Social Sciences Fellowship. He will return to Canberra in January 1966.

Dr Pitchford graduated Master of Commerce from the University of Tasmania in 1955 and gained the degree of Doctor of Philosophy at the Australian National University in 1959. He joined the staff of the University of New South Wales in 1957 as Lecturer in Economics and went to a

similar position in the University of Melbourne in 1960. In 1962 he moved to Canberra as Senior Lecturer in Economics in the School of General Studies. Last year he was appointed to the post of Reader.

Dr Pitchford is particularly interested in mathematical economics and problems of economic growth and inflation. He is the author of "A Study of Cost Demand and Inflation" and a number of articles for economic journals. His work at present is in the field of wages and their effect on productivity, and post-war inflation in Australia.

Professor G. H. Russell, McCaughey Professor of Early English Literature and Language in the University of Sydney, has been appointed to a Chair of English. Professor Russell will take up his appointment early next year.

The chair is the second in the Department of English. The other is occupied by Professor A. D. Hope, who is Head of the department.

Professor Russell (pictured right) was educated at Victoria University College, Wellington, New Zealand, where he graduated Master of Arts in 1943, and at the University of Cambridge, where he gained his Doctorate in Philosophy in 1950. He returned to New Zealand in 1950 to take a post as Lecturer in English at the Victoria University College. He went to a similar post in the University of Sydney in 1951 and became Senior Lecturer in 1952. From 1953 to 1957 he was Darnell Professor of English in the University of Queensland. He returned to the University of Sydney in 1957 as Reader in English Language and, after a period as Acting Professor of English, was appointed McCaughey Professor of Early English Literature and Language in 1962.

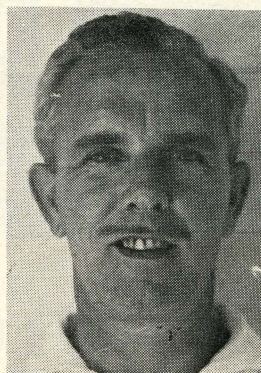


Professor Russell was a Fulbright Scholar to the United States in 1960 and was recently a Commonwealth Visiting Fellow in the University of London.

He is Chairman of the University of Sydney Australian Language Research Centre and the Australian Broadcasting

Commission Committee on Spoken English, and a member of the Australian Humanities Research Council.

Professor Russell has had many articles on Early English literature published in historical and literary journals and is preparing an edition of the medieval verse allegory "Piers Plowman", which is to appear as part of a project being undertaken in universities in Britain, the United States and Australia. He is also working on an anthology of verse and prose of the Middle Ages for London publishers.



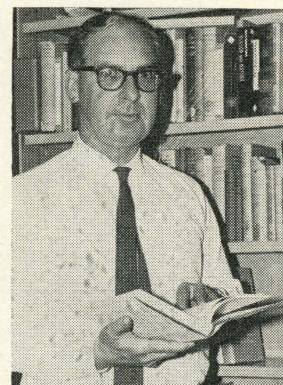
Mr. H. Whitmore (pictured left) Senior Lecturer and Sub-Dean of the Faculty of Law in the University of Sydney, will take up his appointment to a Chair of Law alter this year. The chair which Mr sssh. erutLec chair which Mr Whitmore will occupy has been vacant since May, when the former professor, Mr R. L. Sharwood, accepted an appointment as Warden of Trinity College in the University of Melbourne.

Mr Whitmore was an inspector with the N.S.W. Public Service Board before he joined the staff of the University of Sydney in 1961. He graduated Bachelor of Laws with honours from the University of Sydney in 1957. In 1959 he gained the degree of Master of Laws from Yale University, where he was awarded the Felix S. Cohen Prize for Legal Philosophy.

Born in England, Mr Whitmore served with the British Army from 1941 to 1947, and had two years in the British Civil Service before coming to Australia in 1949.

Mr Whitmore is particularly interested in administrative and local government law and recently finished work with Professor D. G. Benjafield, Professor of Law in the University of Sydney, on a new edition of "Principles of Australian

Administrative Law". He is currently working with Dr Enid Campbell, Associate Professor of Law in the University of Sydney, on a book on civil liberties in Australia. He is also the author of numerous articles and reviews.



Dr. B. D. Beddie (pictured right) Reader in Political Science in the School of General Studies, will take up his appointment to a Chair of Political Science in January 1966.

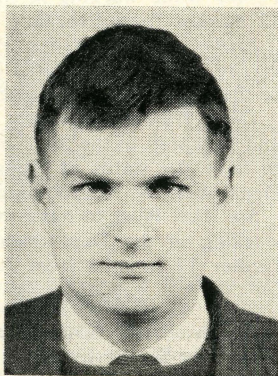
The chair is the second in the Department of Political Science in the School, the other being occupied by Professor L. F. Crisp, who is also Head of the department.

Dr Beddie gained a first class honours degree in Arts from the University of Sydney in 1942 and, after a period of war service, became attached to the School of Diplomatic Studies in the former Canberra University College. He worked with the Commonwealth Department of External Affairs from 1945 to 1948, when he became Assistant Lecturer in Political Science in the Canberra University College. He was appointed Lecturer in 1950 and Senior Lecturer in 1955. He spent some

## Head of Computer Centre to come from Edinburgh

The University has appointed as Head of the Computer Centre Dr M. R. Osborne, Assistant Director of the Edinburgh University Computer Unit. Dr Osborne, who is Australian, is expected to take up his appointment early next year.

Dr Osborne's principal research interests are in the field of numerical analysis, and he has published a number of important papers on mathematical subjects. In Edinburgh, has organised a postgraduate course in computer science and has been responsible for programming courses and colloquia, the provision of programming material and the establishing of a program library. Dr Osborne (pictured right) has lectured in the Universities of Manchester, Durham, Strathclyde, Oxford, London and Newcastle in recent months.



Dr Osborne graduated Bachelor of Arts with honours in mathematics from the University of Melbourne in 1956 and gained the degree of Doctor of Philosophy at the University of London in 1961. After two years as a Scientific Officer in the Royal Australian Navy, Dr Osborne joined the staff of the University of Reading as an Assistant Lecturer in Mathematics in 1960. He became Lecturer in Mathematics in the following year and joined the Imperial College of Science and Technology, London, as Lecturer in Mathematics in 1962. He became Assistant Director of the Edinburgh University Computer Unit in 1963.

## Office of Principal to lapse

Council has decided that, on the retirement of Professor H. Burton as Principal of the School of General Studies on 31 December, 1965, the office of Principal should lapse. The responsibilities of the office will be distributed among the holders of other senior administrative offices of the University, including the proposed office of Deputy Chairman of the Board of the School.

It is the Council's wish that such an office be provided in the University Act in a manner similar to that of the Deputy Chairman of the Board of the Institute of Advanced Studies. The Commonwealth Government has been requested to consider having the Act amended for this purpose so that the office may be established from 1 January 1966.

### Four Chairs (from page eight)

time in 1953-54 as a Rockefeller Fellow in Social Sciences at the London School of Economics, where later he presented his thesis for the degree of Doctor of Philosophy. He has been Reader in Political Science in the School of General Studies since 1962.

Dr Beddie, who is particularly interested in 19th and 20th century political theory and international relations, has contributed chapters to a number of books published in Australia, India and the United States. He was editor of the Australian Institute of International Relations journal, "Australian Outlook", in 1958-60 and has published numerous articles and papers.

## STAFF CHANGES

### Appointments

(See also page eight)

#### INSTITUTE OF ADVANCED STUDIES

*Dr R. L. Blakley*, Senior Fellow in the Department of Biochemistry as Professorial Fellow.

*Dr A. L. Epstein*, Senior Lecturer in Social Anthropology in the University of Manchester, as Professorial Fellow in the Department of Anthropology and Sociology.

*Dr J. Zubrzycki*, Senior Fellow in the Department of Sociology, as Professorial Fellow.

*Dr Paula Brown*, Fellow in the Department of Anthropology and Sociology, as Senior Fellow.

*Dr R. G. Crocombe*, Research Officer in the New Guinea Research Unit, as Senior Fellow and Executive Officer of the unit.

*Dr C. A. Hughes*, Fellow in the Department of Political Science, as Senior Fellow.

*Mr R. A. Marshall*, Fellow in the Department of Engineering Physics, as Senior Research Engineer with the status of Senior Fellow.

*Associate Professor N. B. Nairn*, of the Department of History in the University of New South Wales, as Senior Fellow on the staff of the Australian Dictionary of Biography.

*Dr G. M. Neutze*, Senior Lecturer in Economics, as Senior Fellow in charge of the Urban Research Unit.

*Dr Marie Reay*, Fellow in the Department of Anthropology and Sociology, as Senior Fellow.

*Dr L. T. Searle*, Fellow in the Department of Astronomy, as Senior Fellow.

*Dr. R. I. Close*, Research Fellow in the Department of Physiology, as Fellow.

*Dr D. H. Green*, Research Fellow in the Department of Geophysics and Geochemistry, as Fellow.

*Dr A. H. Morton*, Research Fellow in the Department of Engineering Physics, as Fellow.

*Dr I. de Rachewiltz*, Senior Lecturer in Oriental Civilisation, as Fellow in the Department of Far Eastern History.

*Dr C. B. Raleigh*, Research Fellow in the Department of Geophysics and Geochemistry, as Fellow.

*Dr D. H. Penny*, of the American Agricultural Development Council in Medan, Sumatra, as Senior Research Fellow in the Department of Economics, Research School of Pacific Studies.

*Dr R. T. Shand*, Research Fellow in the Department of Economics, Research School of Pacific Studies, as Senior Research Fellow.

*Mrs E. F. Aguas*, linguistics consultant in Litan College, Manila, as Research Fellow in the Department of Anthropology and Sociology.

*Dr T. J. Batterham*, Research Scientist in the C.S.I.R.O. Division of Organic Chemistry, as Research Fellow in the Department of Medical Chemistry.

*Dr V. Dlab*, Senior Lecturer in the Department of Algebra and Geometry, Charles University, Prague, as Research Fellow in the Department of Mathematics.

*Dr D. L. Edwards*, U.S. Public Health Service Postdoctoral Fellow in the Department of Biochemistry and Biophysics in the University of California, as Research Fellow in the Department of Physical Biochemistry.

*Dr J. M. Gebicki*, Associate Chemist in the Department of Chemistry, Brookhaven National Laboratory, New York, as Research Fellow in the Department of Physical Biochemistry.

*Dr R. M. Hoskinson*, I.C.I. Fellow in the Department of Organic Chemistry, University of Glasgow, as Research Fellow in the Department of Medical Chemistry.



## STAFF CHANGES

*Dr G. A. R. Johnston*, a United States National Institute of Health International Postdoctoral Research Fellow in the Laboratory of Chemical Fluid Dynamics, Lawrence Radiation Laboratory, University of California, as Research Fellow in the Department of Physiology.

*Mr C. A. Key*, Senior Geologist in charge of the spectrographic laboratory of the Geochemistry Division of the Geological Survey of Israel, as Research Fellow in Environmental Archaeology in the Department of Anthropology and Sociology.

*Dr M. Nakagawa*, Assistant in the Department of Physics, Nagoya University, Japan, as Research Fellow in the Department of Theoretical Physics.

*Dr C. L. Perry*, Research Associate in Kitt Peak National Observatory and in the Institute of Advanced Study, Princeton University, as Research Fellow in the Department of Astronomy.

*Dr A. Rescigno*, Acting Assistant Professor in the Division of Medical Physics in the University of California, as Research Fellow in the Department of Physical Biochemistry.

*Dr R. W. Ryall*, who has been holding an IBRO-UNESCO Fellowship and a Wellcome Foundation award in the Department of Physiology, University of Goteborg, Sweden, as Research Fellow in the Department of Physiology.

*Dr P. M. Weischel*, Assistant Professor of Mathematics in the University of Illinois, as Research Fellow in the Department of Mathematics.

*Dr P. G. Young*, Research Assistant in the Department of Nuclear Physics, as Research Fellow.

*Dr A. Angel*, a postdoctoral research worker in the Department of Neurology, Maudsley Hospital, South London, as Visiting Fellow in the Department of Physiology for a period to be determined.

*Mr L. E. Baragwanath*, Fellow of St. Catherine's College in the University of Oxford, as Visiting Fellow in the Department of Economics, Research School of Pacific Studies, for six months from June 1965.

*Mr D. Ellerton*, of the Department of Inorganic and Physical Chemistry in the University of Adelaide, as Visiting Fellow in the Diffusion Research Unit in January-February 1966.

*Professor E. Hille*, Department of Mathematics, University of California, as Visiting Fellow in the Department of Mathematics for 9 to 12 months from September 1966.

*Associate Professor H. F. J. Lowig*, of the Department of Mathematics in the University of Alberta, as Visiting Fellow in the Department of Mathematics for one year from June 1966.

*Mrs Kusum Nair*, of the Jorbagh Nursery, New Delhi, as Visiting Fellow in the Research School of Pacific Studies for about four weeks in November-December.

*Dr Mary R. Rees*, Senior Lecturer in Mathematics in the University of Reading, as Visiting Fellow in the Department of Mathematics for 10 to 12 months from October 1965.

*Professor H. L. Roman*, of the Department of Genetics in the University of Washington, as Visiting Fellow in the Department of Genetics for about three months from February 1966.

*Dr A. G. Sanders*, Senior Research Fellow and Nuffield Research Fellow in Lincoln College, Oxford, as Visiting Fellow in the Department of Experimental Pathology for five months from October 1966.

*Professor P. S. Sarma*, Professor of Biochemistry in the Indian Institute of Science, Bangalore, as Visiting Fellow in the Department of Biochemistry, for six months from October 1966.

*Dr L. A. Woolf*, Senior Lecturer in Physical Chemistry in the University College of Townsville, as Visiting Fellow in the Diffusion Research Unit for about three months from November 1965.

*Professor A. E. Beck*, Head of the Department of Geophysics in the University of Western Ontario, to have the status of Honorary Fellow while working in the Department of Geophysics and Geochemistry for six months from December 1965.

*Dr Helen V. Coates*, Senior Veterinarian with the United States Public Health Service, to have the status of Honorary Fellow while working in the Department of Microbiology for 12 months from February 1966.

*Professor N. H. Giles*, Professor of Genetics in Yale University, to have the status of Honorary Fellow while working in the Department of Genetics from January to August 1966.

*Dr J. Hotchin*, Assistant Director, Division of Laboratories and Research in the State of New York Department of Health, to have the status of Honorary Fellow while working in the Department of Microbiology for six months from May 1965.

*Sir Alan Watt* to have the status of Honorary Fellow while working in the Department of International Relations for a further 12 months from July 1965.

### SCHOOL OF GENERAL STUDIES

*Mr N. Hall*, Senior Lecturer in the Australian Forestry School as Senior Lecturer in Forestry.

*Mr I. H. F. Wilson*, Lecturer in Political Science, as Senior Lecturer.

*Mr M. J. Aston*, Junior Specialist in Irrigation in the University of California, as Lecturer in Botany.

*Mr E. Seneta*, Temporary Senior Tutor in Mathematical Statistics, as Lecturer in Mathematical Statistics.

*Mr W. L. Steiger*, of the Carnegie Institute of Technology, Pittsburg, as Lecturer in Pure Mathematics.

*Dr C. A. Tisdell*, Visiting Fellow (under an Australian National University Travelling Scholarship), in the Department of Economics, Princeton University, as Lecturer in Economics.

*Mr C. A. F. Court*, Teaching Fellow in Linguistics, University of Sydney, as Temporary Lecturer in Linguistics.

*Miss J. N. Potter*, Temporary Tutor in Economics, as Senior Tutor.

*Mrs V. N. Shekhova*, Head of the Department of Russian in the Institute of Languages, Moscow, as Visiting Lecturer in Russian.

*Dr H. S. Levy*, Director of the Foreign Service Institute of the Japanese Language and Area Training Centre, Yokohama, as Visiting Fellow in the Department of Japanese from June to August 1966.

### UNIVERSITY ADMINISTRATION

*Mr J. C. Mitchell*, formerly Registrar of Motor Vehicles in the Department of the Interior, Canberra, as Business Manager (Buildings and Grounds) in the Associate Registrar's Division.

*Mr A. A. Robertson*, Laboratory Manager of the Research School of Physical Sciences, as Planning Officer in the Associate Registrar's Division.

## Resignations

### INSTITUTE OF ADVANCED STUDIES

*Dr G. Coleman*, Research Fellow with the Department of Biochemistry, from 8 September 1965, on his appointment as Lecturer in Biochemistry in the University of Sheffield.

### SCHOOL OF GENERAL STUDIES

*Dr R. F. Van der Borcht*, Associate Professor of Applied Mathematics, from 31 August on his appointment as Professor of Applied Mathematics in Monash University.

*Dr L. L. Hawes*, Lecturer in Inorganic and Analytical Chemistry, from 5 August, to enter business in southern Queensland.

*Dr I. M. Dey*, Temporary Lecturer in Pure Mathematics, from 17 September on his appointment to a position in the Department of Physics, University of Sussex.

*Mrs E. A. Fridrikdottir*, Temporary Lecturer in Statistics, from 16 August, to return to Iceland.

## NEWS IN BRIEF

**CHEMISTRY FELLOWS.** — Dr W. D. L. Crow and Dr R. F. C. Brown, of the Department of Chemistry, have been elected Fellows of the Royal Australian Chemical Institute. Dr Crow is Associate Professor and Dr Brown is Senior Lecturer in the Department.

\* \* \*

**HONORARY MEMBERS.** — Professor A. G. Ogston, Professor of Physical Biochemistry, has been elected an Honorary Member of the American Society of Biological Chemists.

Professor Sir Thomas Cherry, F.A.A., F.R.S., an Honorary Graduate of the University, has been elected to Honorary Membership of the Australian Mathematical Society.

\* \* \*

**DOCTOR OF SCIENCE.** — Raymond Leonard Blakley has been admitted to the degree of Doctor of Science. Dr Blakley is Professorial Fellow in the Department of Biochemistry in the John Curtin School of Medical Research. This is only the third time that the degree of Doctor of Science has been conferred in the Australian National University. Gerard Henri de Vaucouleurs was admitted to the degree in 1957 and Stuart Thomas Butler in 1961.

\* \* \*

**POETRY PRIZES.** — Professor A. D. Hope, who shared the 1965 Britannica Australia Award for Literature with poet Robert D. FitzGerald, has been awarded a prize by the Arts Council of Great Britain. Professor Hope will receive £A125 under the Arts Council's triennial poetry award scheme in recognition of the standard of his collected work.

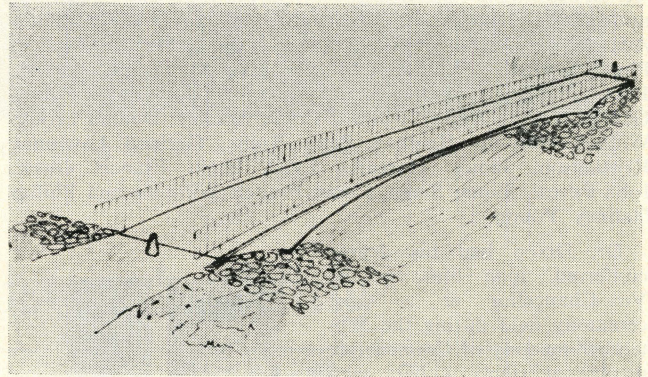
\* \* \*

**ITALIAN HONOURS.** — The Italian Government has honoured Professor A. D. Trendall, Master of University House, Dr E. K. T. Koch-Emmery, Associate Professor of German, and Mr K. C. Masterman, former Associate Professor of Classics, for their work in furthering Italian culture in Australia. At a ceremony held at the residence of the Italian Ambassador, Dr R. Della Chiesa d'Isasca, on 28 August, Professor Trendall was made a Commendatore of the Ordine Al Merito Della Repubblica Italiana. Dr Koch-Emmery and Mr Masterman had the award of Cavaliere Ufficiale conferred on them.

Pictured below are, from left, Mr Masterman, Professor Trendall, Dr Della Chiesa d'Isasca and Dr Koch-Emmery after the honours had been conferred.



November, 1965



**SULLIVAN'S CREEK FOOTBRIDGE.** — Above is an architect's sketch of a reinforced concrete footbridge to be built over Sullivan's Creek west of the General Studies Building of the University Library. The new bridge will provide direct access to the area of the Library building and the University Union for students walking from the Zoology Building and the halls of residence. By using the bridge, the students will be able to avoid the motor traffic of University Avenue.

\* \* \*

**STUDY LEAVE.** — Dr W. Buscombe, Senior Fellow in Astronomy, and Dr A. Przybylski, Fellow in Astronomy, recently returned from overseas study leave.

Professor J. D. B. Miller, Professor of International Relations, left in September for 12 months' study leave abroad.

Dr A. B. Roy, Senior Fellow in the Department of Physical Biochemistry, will work with Professor K. S. Dodgson in the Department of Biochemistry, University College of South Wales, while on study leave in Britain. Dr Roy began his leave in October.

Dr N. Barnard, Fellow in the Department of Pacific History, left for the United States in September on study leave. While in the United States Dr Barnard will work on bronze collections in New York and at Princeton University.

Dr R. H. P. Mason, Lecturer in Oriental Civilisation, is visiting Japan and England during his six months' study leave, which began in August.

Dr S. J. Stoljar, Professorial Fellow in the Department of Law, left the University in September for study leave which will largely be spent at the Yale University Law School.

Mrs Stoljar, Lecturer in German, has accepted a post-doctoral research scholarship at Yale University, where she too will spend most of her study leave.

Mr. A. D. Hambly, Lecturer in Law, returned in August from 12 months' study leave spent at the Harvard University Law School.

\* \* \*

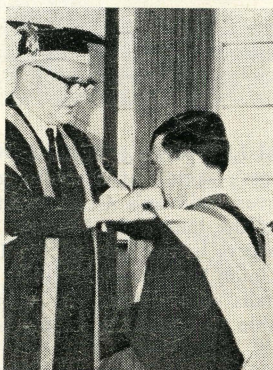
**"INDONESIAN ECONOMIC STUDIES".** — The Department of Economics in the Research School of Pacific Studies has begun the publication of "A Bulletin of Indonesian Economic Studies". The department plans to produce three or four issues of the bulletin a year. The first issue contains a survey of current economic developments in the Indonesian economy, as well as articles and notes on special subjects and a selection of recent economic statistics.

## NEWS IN BRIEF

**ADMITTED TO DEGREES.** — The following have been admitted to the degree of Doctor of Philosophy: Eric Phillip Adams, Keith Eliot Huxham Dixon, Alaric Mervyn Maude, Phyllis Grace Peter, Robert Marden Pike, Masri Singarimbun, John Frederick Skidmore, Margaret Tudor Spry South, George Nathan Appell, Edward Frank Bradley, Donald Brook, William Aloysius Heather, Peter Kolbe, Gerland Lawrence Kristianson, Janice Margaret Lyall, Hugh Francis Owen, John Purcal, Sumer Singh, James Francis Williams and Phillip Gaffney Young.

Dr. Dixon had his degree conferred upon him by the Vice-Chancellor at a short ceremony held during the September meeting of Council (see picture at right). Others who had the degree of Doctor of Philosophy conferred upon them were Behari Lal Abbi and William Robert Roff. Members of Council and the new graduates lunched at Burton Hall after the conferring ceremony.

Miss Lee Siew Eng, Marjorie Ann Moffatt and Frances Mary O'Connor have been admitted to the degree of Master of Arts. Cheong Choong Kong and Herbert Eric Huppert have been admitted to the degree of Master of Science.



\* \* \*

**"TIME SYMPOSIUM".** — A "time symposium" dealing with modern methods for the determination and comparison of both time and frequency, as well as the astronomical aspects of the figure and motion of the earth, was held at Mount Stromlo Observatory on 7-8 October. The symposium was attended by Dr W. Markowitz, Director of the Time Service Division of the United States Naval Observatory, Washington. Dr Markowitz spent almost three weeks in Australia during October at the invitation of the National Standards Laboratory and the Australian National University. He had discussions on the co-ordination of time and standard frequency in the Pacific by high frequency, very low frequency, Omega and Loren-C radio transmissions, and by satellites. He also discussed time and latitude observations that are to be made from the same latitude in the Argentine and at Mount Stromlo.

\* \* \*

**HETEROCYCLIC SYMPOSIUM.** — The fourth Australian Heterocyclic Symposium will be held at the University in August next year. The decision to hold the symposium in Canberra was made at the third symposium, which was held at Monash University from 11 to 14 August.

\* \* \*

**ECONOMIC HISTORY PRIZE.** — An annual prize of £25 is to be awarded in the School of General Studies to the student enrolled for either Economic History II or Economic History III who presents an essay showing high quality and the greatest promise of research ability on some topic of economic history nominated by the Professor of Economic History in the School. The prize, which will be known as the Institute Prize for Economic History, will come from private research funds at the disposal of the Department of Economic History in the Institute of Advanced Studies.

**FUTURE SCIENCE BUILDINGS.** — Council has approved sites for the erection of future Science buildings in an area bounded by University Avenue, Sullivan's Creek Road and Daley Road. The erection of a Forestry Building, a Zoology/Psychology Animal House, and Forestry and Botany glass-houses are planned for this part of the University grounds. Sites have also been reserved in the area for Botany, Biochemistry and Psychology buildings. Part of the area is also to be the site of a possible major lecture theatre for the Faculty of Science.

\* \* \*

### TO ADVISE ON PUBLISHING.

— The Director of the University of Toronto Press, Mr R. Jeanneret (pictured right), is spending some eight weeks in Canberra gaining information which will help him advise the University on the development of its publishing activities. Mr Jeanneret, accompanied by his wife, arrived in Canberra towards the end of September. While in Australia he will visit State capitals to observe book publishing and retailing in Australia. He has been Director of the University of Toronto Press since 1953 and is himself the author of several books on Canada.



\* \* \*

**COOK ISLANDS CONSTITUTION.** — Professor J. W. Davidson, Professor of Pacific History in the Research School of Pacific Studies, visited the Cook Islands in September for celebrations to mark the introduction of a new constitution for the islands. Professor Davidson was one of three advisors on whose proposals the constitution was based. He attended the celebrations as a guest of the New Zealand Government.

\* \* \*

**RESEARCH IN MOSCOW.** — Dr Eugene Kamenka, Fellow (History of Ideas) in the Department of Philosophy in the Research School of Social Sciences, is spending 10 months in postdoctoral research at Moscow State University under the exchange scheme which exists between that university and the Australian National University. In Moscow, Dr Kamenka is working on aspects of the history of Russian and Soviet philosophy, and on Russian writing on Ludwig Feuerbach. Dr Kamenka is being accompanied by his wife, Dr Alice Ehr Soon Tay, a research assistant in the Research School of Social Sciences. Dr Tay is studying comparative and analytical jurisprudence with special reference to Soviet private and criminal law. Dr Kamenka and Dr Tay will visit centres in Britain and eastern and western Europe before they return to Canberra in August 1966.

\* \* \*

**GEOLOGY SYMPOSIUM.** — Representatives of State and Commonwealth Government departments, the mining and oil industries, and universities are expected to attend a symposium to be held in the University on 24-25 February 1966 to discuss the content of undergraduate courses in geology. The Geology Department of the School of General Studies is arranging the symposium, at which papers will be presented by representatives of each of the major employers of geologists in Australia.