

THE AUSTRALIAN NATIONAL UNIVERSITY

CANBERRA, AUSTRALIA

NEWS

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July, 1953

THE VICE-CHANCELLOR

Leslie Galfried Melville, C.B.E., B.Ec., F.I.A.

On 1st July the Deputy Chairman of the Council was able to announce that a message had come from Mr. L. G. Melville accepting the Council's invitation that he become Vice-Chancellor of the University in succession to Sir Douglas Copland.

The new Vice-Chancellor will bring to his office a distinguished and varied experience in public affairs and administration. From his early days as a student at the Sydney Grammar School and in the Sydney Faculty of Economics to his present appointments as Executive Director of the International Bank and the International Monetary Fund, his career has been marked by the highest intellectual achievement. At the age of twenty-two he became Public Actuary in South Australia, and when he was twenty-seven he was appointed first Professor of Economics in Adelaide.

Mr. Melville's other major appointments have been as Economic Adviser to the Commonwealth Bank, an office which he pioneered in the depression of the early 30's, a member of the Advisory Council to the Commonwealth Treasury, Assistant Governor of the Bank in charge of central banking, and a member of the Bank Board. He was granted leave as Assistant Governor and as a member of the Board to take up his present appointment. His other activities have taken him into such fields as transport regulation and employment, and he has taken a leading part in several international, economic and monetary conferences during and since the war.

Mr. and Mrs. Melville expect to arrive in Canberra during October. They will be warmly welcomed by the whole University as they set out on what we hope will be for each of them a happy and rewarding period of leadership.

COUNCIL AND THE BOARD OF GRADUATE STUDIES

Retiring Councillors

The Council bade farewell at its May meeting to Professor H. K. Ward, Professor Ennor and Mr. Noel Barnard whose terms have now expired.

The Acting Chairman, Sir David Rivett, paid a special tribute to the work of Professor Ward, who had given devoted service as a member both of the Council and the Interim Council, of which he became a member in 1948.

Election Rules

A minor amendment has recently been made to the Election (Members of the Council) Rules. The amendment relates to the determination of the transfer value of votes and is so technical that it cannot profitably be discussed in these columns. Copies of the amendment are, of course, available from the Registrar.

Proposal to Establish a General Board

A suggestion that formal status should be given to an advisory body, to comprise the Vice-Chancellor and the Deans and Directors and to be known as the General Board, has been declined by the Standing Committee of the Council.

University House

The Acting Vice-Chancellor is to suggest to the next meeting of the Council a panel of names from which the Council may appoint the original Fellows of University

House. The Council has it in mind to ask the Fellows to submit nominations for the appointment of a first Master.

Councillors' Tenure

The Council has made a set of Rules dealing with the period of office of members of the Council. The rules provide that members elected by Parliament and those appointed by the Governor-General shall hold office for three years. A transitional provision is included to ensure that the members concerned will retire in rotation.

The new rules will affect only those members taking office in and after July, 1955.

Study Leave: Readers and Senior Fellows

The maximum allowance to be made to Readers going on study leave (as they are entitled to do for one year in six) has been increased from £750 to £800. The study leave entitlement of Senior Fellows has been fixed at one year in every six, and the University's contribution to their expenses at £700.

Staff Appointment Procedure

Following the Board's recent review of staff categories and related matters, it has been decided that the selection of candidates for appointment to staff grades below that of Reader should be handled within the school concerned, a recommendation for the appointment being made to the Board by the Director or Dean after consultation with the Heads of Departments in the school concerned. The Board has re-affirmed its view that a public announcement should

normally precede the filling of any staff vacancy, but has said that it will, in exceptional cases and after recommendation from the appropriate School, recommend appointments to staff grades below that of Reader without such an announcement.

Short Term Fellowships

The Council has agreed that, on the advice of a Director or Dean, an appointment to a Research Fellowship or Senior Research Fellowship may, in suitable circumstances be made for any period between three terms and the normal tenure of three to five years.

Membership of Board

The Board of Graduate Studies has again declined a proposal that Readers should be made members of the Board.

Faculty Structure

Thought is at present being given to the drafting of a Statute and set of Rules to bring formally into being Faculties of Social Sciences and Pacific Studies to replace the provisional bodies which have been acting in these capacities. The Council, on the Board's advice, has decided that ex officio membership of Faculties and School Committees should be confined to permanent members of the academic staff, but that these bodies should be at liberty to co-opt other staff members.

The Research Schools of Physical Sciences and Medicine do not wish to work through formal faculties, but will transact their business by means of informal committees, the Schools' views being made known to the Board by the Director or Dean.

Departmental Assistantships

In accordance with advice from the Board, the Council has decided that no more appointments should be made to the staff grade of Research Assistant, but that a new grade of Departmental Assistant should be created. Appointments will be made by the Vice-Chancellor on advice from the School concerned.

There will be no fixed period of appointment for a Departmental Assistant, and his basic salary will not exceed £750 per annum. There will be no requirement that a Departmental Assistant should be a graduate, but if he in fact has the appropriate qualifications, there will be no impediment to his becoming a student; where he does so he will normally be a candidate for a Master's degree.

Canberra University College

The Council has asked the Board's advice on the future relations between the University and the Canberra University College. Proposals have been invited from the Principal of the College and from the Acting Vice-Chancellor, who will consult the Deans of the other Schools. Both documents will then be submitted to the Board.

Part-time Students

The Board has again considered whether persons in outside employment should be admitted as students of the University. In view of the difficulty which such students would have in meeting the prescribed residence requirements and in joining effectively in University life, the

Board has further deferred the proposal that they should be admitted.

General Scholarships

The Board lately recommended that the award of general scholarships should be discontinued. In each of the last few years three of these scholarships have been awarded to graduates of other Australian universities to enable them to continue abroad researches in fields outside this University's direct concern. The Council, having in mind the usefulness of these scholarships to the other universities, has postponed a decision.

Chair of Far Eastern History

A decision has recently been taken to create a Chair of Far Eastern History in the Research School of Pacific Studies and steps are now being taken to make a first appointment.

Appointments in Social Philosophy

Steps are being taken to appoint either a Reader or a Senior Fellow to the staff of the Department of Social Philosophy.

Outside Teaching Commitments

Authority has been given to the Heads of Departments to approve the undertaking of teaching commitments by members of the staff and students, provided that the commitments fall within the principles laid down by the Board and mentioned in the last issue of "News."

GENERAL DEVELOPMENTS

Council Election Results

The following members have been elected to the Council:—

- by Convocation—Mr. W. D. Borrie
Professor H. Burton
Dr. H. C. Coombs.
Professor J. W. Davidson
Professor R. D. Wright
- by the staff—Professor J. C. Eccles
Professor P. H. Partridge.
- by the students—Mr. E. C. Fry
Mr. A. W. Martin.

The members elected by Convocation and by the staff will hold office for four years, and those elected by the students for one year. All the new members will take office on the 1st July, 1953.

Medical School: Adviser and Dean

During Sir Howard Florey's recent visit to Canberra, the Council had opportunities of discussing with him not only the building plans for the John Curtin School of Medical Research, but also the problems of its staffing and administration. Sir Howard told the Council that for personal reasons he felt bound to say that he would not be able to accept the University's invitation to become Director of the School. Accordingly, on Sir Howard's advice, the Council has appointed Professor Ennor as Dean of the Medical School for two years, but has accepted Sir

Howard's offer to continue his service as Adviser to the School on matters of substantial policy.

For several weeks before his departure for London in the middle of June, Sir Howard was engaged in research in the temporary laboratories of the Medical School. He said that the laboratories offered first-class research facilities and that he considered the development of the School very satisfactory.

The Council has recorded the University's deep gratitude for the guidance and advice he has given, over many years, in connection with the John Curtin School of Medical Research and has expressed its regret that he finds himself unable personally to direct its activities.

Department of Experimental Pathology

A small temporary laboratory is being erected for use of members of the staff of the Department of Experimental Pathology. The laboratory will be built close to the present laboratory of the Department of Microbiology. Three or perhaps four members of the Experimental Pathology staff will move from Oxford to Canberra at the end of 1953.

Permanent Medical Buildings

Professor Brian Lewis, who has hitherto been the designing Architect of the permanent laboratories of the John Curtin School of Medical Research, has withdrawn from further responsibility in this connection, and after consultation between Professor Lewis and the University the work has been taken over by the Melbourne architectural firm of Mussen, McKay and Potter. The Senior partner of the firm, Mr. Norman Mussen, has moved to Canberra and established an office in the University grounds. He is at present working on the completion of the plans for the building and arrangements for the letting of a building contract.

Inaugural Lectures

Arrangements have been made for four professors to give their inaugural lectures during the rest of this year. Professor Nadel will lecture on 10th July on "Anthropology and Modern Life"; Professor Jaeger will lecture on 24th July, Professor Spate on the 8th September, and Professor Sawyer on 6th October.

Morrison Oration, 1953

The date of this year's Morrison Oration, which will be delivered by Lord Lindsay, has been fixed as 20th October.

University House: Prototype Flat

Mr. Frederick Ward, who has designed the furniture and fittings for University House, and who is now living in Canberra and attending to their installation, has furnished one of the student flats in the north wing of University House. A day will shortly be set aside on which members and friends of the University will be invited to inspect the flat.

Convocation

Since the May issue of the "News," the following names have been added to the Roll of Convocation:—

Hannan, Edward James, B.Com. (Melb.).

Koketsu, Kyoze, M.D. (Kyushu).

Lewis, Philip Harold, B.F.A., M.A. (Chicago).

Morton, Arthur Hilary, M.Sc. (W.A.).

Paterson, Mervyn Silas, B.Sc., B.E. (Adel.), D.Phil. (Camb.).

Vanderlaan, Karl Otto Herman, Drs. Ind. (Utrecht).

A.N.Z.A.A.S. Visitor

Professor J. H. Oort, Director of the Leiden Observatory, and former General Secretary of the International Astronomical Union, has been invited to spend about two months in Australia at the time of the next meeting of the Australian and New Zealand Association for the Advancement of Science which will be held in Canberra in January next. The Department of the Interior, the Commonwealth Scientific and Industrial Research Organization and the University have collaborated to extend the invitation.

Visitors

A party of forty Cadets from the Royal Military College, Duntroon, paid a visit to the University on 28th May. The Melbourne Church of England Grammar School football team, which was visiting Canberra, was shown over the University on 1st June.

STAFF MEMBERS

New Appointments

The John Curtin School of Medical Research

Dr. G. B. Mackaness has been appointed a Senior Fellow in the Department of Experimental Pathology. Dr. Mackaness graduated with honours in the Faculty of Medicine from the University of Sydney in 1945. In 1947 he attended the British Postgraduate Medical School studying for the Diploma of Clinical Pathology. He proceeded to Oxford in 1948 on a National University scholarship and took a B.A. In July, 1951, Dr. Mackaness was appointed a Research Fellow in the Department of Experimental Pathology. Earlier this year he was awarded a D.Phil. by the University of Oxford. Dr. Mackaness is married with one child and will take up the new appointment in July.

Dr. L. F. Dodson has been appointed a Senior Research Fellow in the Department of Experimental Pathology. Dr. Dodson graduated with honours in the Faculty of Medicine at the University of Sydney in 1943. After holding various appointments at St. Vincent's Hospital, Sydney, he was awarded a National University scholarship which he took up at Oxford in August, 1950. He is at present completing his D.Phil., and will take up his new appointment in August. Dr. Dodson is married and has two children.

Dr. H. Kramer has been invited to a Senior Research Fellowship in the Department of Experimental Pathology. Dr. Kramer is a South African and graduated from the University of Cape Town in the Faculty of Medicine in 1940. After service with the South African Medical Corps he joined the staff of the University of Cape Town and in 1948, the Department of Public Health. Dr. Kramer has been at the Radcliffe Infirmary, Oxford, since October, 1948, and has completed the D.Phil. degree. He has been awarded a Rockefeller Travelling Fellowship and expects to take up his University appointment after spending a year in the United States.

Dr. R. L. Blakley will arrive towards the end of the year with his wife and family to take up an appointment as Research Fellow in the Department of Biochemistry. Dr. Blakley is a graduate of the University of New Zealand, and took a Ph.D. in Biochemistry at the University of Otago in 1951. He was then awarded a National University scholarship and has subsequently completed the Ph.D. at the National Institute for Medical Research, Mill Hill.

Mr. J. F. Morrison has also been appointed a Research Fellow in the Department of Biochemistry. Mr. Morrison is 28 and is married. He graduated in Science in the University of Sydney, and in 1949 he took an M.Sc. in the University of Queensland. Since October, 1951, he has been working for the D.Phil. at Oxford as a National University scholar. Mr. Morrison will come to Canberra early next year.

Dr. Sven Landgren, a Swedish physiologist, has been awarded a Rockefeller Fellowship to work in the Department of Physiology. Dr. Landgren is expected in Canberra during September.

The Research School of Physical Sciences

Professor E. Salpeter has been invited to a Visiting Professorship for twelve months in the Department of Theoretical Physics. Professor Salpeter is at present Associate Professor of Physics at Cornell University. He expects to arrive in Canberra in September.

Dr. T. Dunham, Jr., has been invited to a Readership in Optics in the Department of Astronomy. Dr. Dunham is a graduate in Medicine as well as a Ph.D. in Astronomy of Princeton University, and was largely responsible for perfecting the design of the large spectrograph for the 100 inch telescope at Mount Wilson, U.S.A. During the war Dr. Dunham left Mount Wilson to work on medical optical instruments in the University of Rochester, where his present appointment is.

Dr. S. T. Butler has been appointed a Senior Research Fellow in the Department of Nuclear Physics. Dr. Butler graduated M.Sc. from the University of Adelaide in 1947. In 1949 he went to Birmingham on a National University scholarship and in 1951 was awarded the Ph.D. He then took up his present position of Research Associate at Cornell University. Dr. Butler will arrive in Canberra in August.

Dr. B. F. X. Touschek has been appointed a Senior Research Fellow in the Department of Nuclear Physics. Dr. Touschek is 32. He took the Diploma in Physics at the University of Göttingen in 1946 and subsequently carried out research at the University of Glasgow on a Nuffield Fellowship and took a Ph.D. in 1949. Dr. Touschek is at present a lecturer in Theoretical Physics at the University of Glasgow.

The Research School of Pacific Studies

Dr. A. C. Mayer has taken up a Research Fellowship in the Department of Anthropology. Dr. Mayer graduated B.A. from St. John's College, Annapolis, U.S.A., in 1943. After service with the Friends Ambulance Unit and an appointment with the Institute of Pacific Relations, he took the Postgraduate Diploma in Anthropology at

the London School of Economics. He then studied Hindi and in 1950 was engaged with his wife in field work in Southern India. In that year he took up a National University scholarship which enabled him to follow up in Fiji his Indian work. He has since completed the Ph.D. at the University of London. Dr. and Mrs. Mayer arrived in Canberra early in June.

News and Movements

Members of the University noticed with pleasure that Her Majesty the Queen, in the Birthday Honours List, honoured the following members of the University:—

William John Victor Windeyer, Companion of the Military Division of the Most Honourable Order of the Bath.

Kenneth Hamilton Bailey, Commander of the Civil Division of the Most Excellent Order of the British Empire.

Richard van der Riet Woolley, Officer of the Civil Division of the Most Excellent Order of the British Empire.

Mr. L. S. Bethell, who has held an appointment as a Research Assistant in the Department of History for the past fifteen months, has been obliged for family reasons to return to Tasmania.

Dr. R. F. Henderson, who has been awarded a one year Fellowship in the Department of Economics, will arrive in Canberra early in July. Dr. Henderson is on sabbatical leave from Corpus Christi College, Oxford.

Mr. K. C. Ho, librarian in charge of the Oriental collection, has resigned to take up a position with the University of Malaya.

Mr. R. H. Brockman took up an appointment as Assistant Laboratory Manager in the John Curtin School of Medical Research on 25th March. Mr. Brockman was formerly Technical Manager of the A.C.T. Engineering Company.

Mr. J. R. Richards, a Research Fellow in the Department of Radiochemistry, expects to arrive in Canberra from the United Kingdom about the end of October. Mr. Richards will be accompanied by his wife and daughter.

Professor Titterton (Nuclear Physics) left Canberra late in June to attend the Institute of Nuclear Physics Conference to be held at Birmingham. Professor Titterton has been invited to report on the work going on in his Department. He expects to be away about five weeks.

Miss J. James of the University of Tasmania has taken up a short term appointment as Assistant to Professor Carey in the Department of Geophysics.

Mr. J. S. Anderson, formerly Assistant Furniture Officer in the Department of Works, commenced duty as Purchasing and Stores Officer on 25th May.

Dr. Hamish Wood, at present a Research Assistant in the Department of Medical Chemistry, will take up a position as Lecturer in Chemistry at the Royal Technical College, Glasgow, in September. Dr. Wood will be succeeded by **Mr. C. W. Rees** of the University of Southampton.

Mr. W. H. Goddard, formerly Senior Accounts Clerk, has been appointed Purchasing and Finance Officer in the John Curtin School of Medical Research.

The Chancellor, The Vice-Chancellor, Professor Partridge (Social Philosophy) and **Miss Joan Morrish**, Secretary, London Office, will represent the University at the Quinquennial Congress of the Association of Universities of the British Commonwealth to be held at Cambridge in July.

Mr. J. O. N. Perkins, a recently appointed Research Fellow in the Department of Economics, will arrive in Canberra from the United Kingdom early in September.

Professor Partridge (Social Philosophy) left for the United Kingdom early in May. While abroad Professor Partridge expects to attend the Association of Universities of the British Commonwealth Congress at Cambridge, the International Sociological Congress at Liege and the International Congress of Philosophy at Brussels. He will spend two months in the United States before returning to Australia in March.

The Chancellor represented the University at the ceremonies associated with the Installation of the first Chancellor of the University of Southampton on 2nd and 3rd July.

The University of St. Francis Xavier, Antigonish, will be celebrating its centenary early in September. The University will be represented by **Sir Douglas Copland**.

Mr. T. Langford-Smith took up duty as a Research Fellow in the Department of Geography at the end of June.

Dr. Norma McArthur, a Research Fellow in the Department of Demography, left Canberra late in June to carry out research in the Pacific Islands. Dr. McArthur will be away until later in the year and will visit islands from Noumea and Tahiti collecting material in relation to populations trends. The work has been facilitated by the good offices of the South Pacific Commission.

Mr. A. F. Bunker, has been relieved of his duties as Laboratory Manager of the John Curtin School of Medical Research to enable him to spend his whole time on matters connected with the construction of the permanent laboratories for the School.

Dr. W. K. Joklik, a Research Fellow in the Department of Microbiology, will leave the United Kingdom for Canberra on 16th September. Dr. Joklik has spent the past six months working in Dr. Kalchar's laboratory in Copenhagen. He will attend the Fifth International Congress of Microbiology in Rome before leaving for Canberra.

SCHOLARS AND STUDENTS

Mr. N. Barnard, a scholar in the Department of Far Eastern History, will leave Canberra late in July to continue his study of archaic bronze inscriptions in Formosa and Japan.

Mr. C. W. Newbury arrived in Canberra from New Zealand on 26th May to take up his scholarship in the Department of Pacific History.

Mr. C. S. Soper, a scholar in the Department of Economics, who has been working at the University of Stockholm since September, will return to Canberra in August.

Dr. J. A. Mills, a former scholar, has been appointed Senior Research Officer in the Division of Biochemistry and General Nutrition of the C.S.I.R.O.

Mr. E. S. Crawcour, a scholar in the Department of Far Eastern History, left Japan late in May to return to Canberra.

The following scholarship extensions have been granted:—

C. M. Williams (Social Sciences), 12 months.

R. L. Blakley (Biochemistry), 3 months.

Mr. L. W. Wheeldon, a graduate in Science from the University of Sydney and formerly a Research Assistant in the Department of Biochemistry, has been awarded a scholarship in the Department of Biochemistry.

Dr. W. L. Morison, who held a National University scholarship at Oxford, was recently appointed a Senior Lecturer in Law at the University of Sydney.

Mr. D. J. Mulvaney, who is at present working at Cambridge on a University scholarship, has been appointed Assistant Lecturer in the Department of History in the University of Melbourne and will take up his appointment in January next.

Miss C. O'Loughlin, has been awarded a scholarship in the Department of Economics. Miss O'Loughlin is a graduate of the University of Cambridge and is at present completing her M.Sc. in Economics. She will arrive in Canberra late in August.

Mr. R. K. Wilson, a scholar in the Department of Geography, will return to Canberra in August after spending about six months at the University of Wisconsin.

Mr. I. G. Ross, who has been working in the Chemistry Department of University College, London, has been awarded the Ph.D. He has now taken up a 12 months' appointment at Florida State University.

Mr. E. J. Hannan, a student in the Department of Economics and Statistics, is the first beneficiary under a scheme whereby the Commonwealth Bank of Australia will enable one of its officers each year to spend his full time studying in the University.

Miss A. M. McArthur, who held a National University scholarship, has been awarded the Walter Merish Strong Research Fellowship by the University of Sydney. The fellowship will enable Miss McArthur to carry out field work in Papua.

PUBLICATIONS

A further publication connected with the University is **The Outer Layers of a Star** by R.v.d. R. Woolley and D. W. N. Stibbs. (International Series of Monographs on Physics; Clarendon Press; 1953, 40s. sterling.) When the book was being written Mr. Stibbs was an assistant at the Commonwealth Observatory. He subsequently became Radcliffe Fellow in Astronomy and is now at Oxford.

The book gives a description of the equations of radiative transfer and their practical solution both for continua and for line absorption spectra, and gives accounts of physical theory connected with the line absorption process: some of this material has been rather scattered in the

literature in the past. There is a critical analysis of the bearing of observations of the darkening of the limb of the Sun in various wavelengths on the theory of the escape of energy from the Sun, and the book sketches accounts of some topics which have been studied on Mount Stromlo in recent years (as well as, of course, elsewhere), namely, line absorption by non-coherent processes; convection in the outer layers of the stars; the solar chromosphere and corona; and the general theory of the observed properties of stars (colours and magnitudes) in relation to the physical parameters of the stellar atmosphere.

The South Seas in Transition

A further addition to the growing list of major publications by members of the staff of the Australian National University is *The South Seas in Transition* (Australian Publishing Co., 50/-), by Dr. W. E. H. Stanner, Reader in Comparative Social Institutions in the Department of Sociology and Anthropology.

The South Seas in Transition is a large (pp. 448) and comprehensive study of the three British Pacific dependencies of Papua-New Guinea, Fiji and Western Samoa. It has been issued under the joint auspices of the Australian Institute of International Affairs and the International Secretariat of the Institute of Pacific Relations.

The fieldwork for the study was carried out in the islands in 1946-47 and the greater part of the book was written before Dr. Stanner took up his present position, but it was revised for publication after he came to Canberra in September, 1950.

The book is mainly concerned with the rehabilitation and reconstruction measures which were taken in the three dependencies after the war, but it contains also a tightly-concentrated mass of information on the geography, ethnography, administration and economy of each area. In the 70 pages of "conclusions" Dr. Stanner examines very

critically the working out of trusteeship, regionalism, economic development programmes and social policy in the area.

PRINCIPAL DATES

July

9th—Thursday: Finance Committee.

10th—Friday: Standing Committee.

Inaugural Lecture. Professor Nadel "Anthropology and Modern Life." Institute of Anatomy, 8.15 p.m. Tickets available from the Registrar.

24th—Friday: Board of Graduate Studies.

Inaugural Lecture. Professor Jaeger, Institute of Anatomy, 8.15 p.m. Tickets available from the Registrar.

August

11th—Tuesday: Public Lecture Series. Professor Sawyer "Law as Logic and Common Sense." Institute of Anatomy, 8 p.m.

13th—Thursday: Finance Committee.

14th—Friday: Council.

15th—Saturday: Second Term ends.

17th—Monday: Common University vacation fortnight begins.

September

7th—Monday: Third Term begins.

8th—Tuesday: Inaugural Lecture. Professor Spate—Institute of Anatomy, 8.15 p.m.

10th—Thursday: Finance Committee.

11th—Friday: Standing Committee.

18th—Friday: Board of Graduate Studies.

29th—Tuesday: Public Lecture Series. Professor Oliphant, "The Methods of Modern Physics." Institute of Anatomy, 8 p.m.