



MONASH REPORTER

An unofficial bulletin prepared for the information of members of staff of Monash University under the direction of the following Editorial Committee: Dr. G.C. Bolton, Dr. D. Davison, Dr. D.A. Lowther, Mr. J.A. Phillips, and Dr. A.G. Serle.

No. 2 APRIL, 1965

NEW MEMBER OF COUNCIL

Mr. F.H. Brooks, Director of Education, has joined the University Council taking the place of the retiring Director, Dr. A. McDonell.

HONOURS AND DISTINCTIONS

Dr. Mollie Holman (Physiology) has been awarded the Edgeworth David Medal by the Royal Society of New South Wales for outstanding work in physiology.

Dr. Kate Campbell (Honorary Paediatrician, Queen Victoria Hospital) was given the Britannia Award in October, 1964.

Mr. J.D. Butchart (Deputy Registrar) has been invited to join the State Executive Committee of the Victorian Branch of the Boy Scouts Association.

Associate Professor J.D. Crisp (Applied Mechanics) has been elected to the Institution of Mechanical Engineers.

Professor K.H. Hunt (Applied Mechanics) has accepted an invitation by the Minister of Education to serve on the Committee to advise on the establishment of the body tentatively known as the Institute of Colleges.

Dr. A.W. Linnane (Biochemistry) has been invited to be guest lecturer at the Gordon Conference on Cell Development to be held at Meriden, New Hampshire, United States.

Professor R.C. Nairn (Pathology) has been elected a Fellow of the Royal Society of Edinburgh.

Professor G.C. Schofield (Anatomy) has been appointed to the Standing Medical Education Committee of the A.M.A.

CHAIR OF APPLIED MATHEMATICS

Dr. Rene Van der Borgh has been appointed to a Chair of Applied Mathematics. He is at present Associate Professor of Mathematics in the School of General Studies, Australian National University.

He is a graduate of the University of Louvain, Belgium, where in 1943 he took his first degree and in 1950 was awarded the degree of Docteur en Sciences.

CHAIR OF APPLIED MATHEMATICS (contd.)

Dr. Van der Borgh has held chairs of mathematics in the Universities of Indonesia and Natal. He has lectured at undergraduate level in both pure and applied mathematics to Arts, Science and Engineering students and at both undergraduate and postgraduate level on the following topics: relativity theory, electromagnetic theory, supersonic aerodynamics, neutron diffusion theory, stellar structure and stability.

His research interests are mainly in the field of stellar structure and the theory of stability of stars.

Dr. Van der Borgh is married with one child and will take up his position in August.

CHAIR OF MUSIC

Mr. T. A. Jones has been appointed to the Chair of Music. He is at present Senior Lecturer in Music at the University of Western Australia, an appointment he has held since 1960.

He graduated B.A. with first class honours and gained the University Medal in Music in the University of Sydney, 1954, and M.A. with first class honours from the same University in 1959 for a thesis on the Aboriginal Music of Arnhem Land, Northern Territory. From 1955 to 1956 he was a Saltonstall Fellow studying at Harvard University, U.S.A., and from 1956 to 1958 was a Sydney Moss Scholar, studying first at King's College, Cambridge, and then at the Royal College of Music, London.

Mr. Jones has carried out research in aspects of European music, but his main experience and interests lie in the general field of ethnomusicology (including oriental music, folk music, and the music of pre-literate societies) and in Australian Aboriginal music in particular. He has published a great number of articles and is at present nearing completion of a book entitled "The Didjeridu: An Ethnomusicological Study of the Techniques and Function of the Australian Aboriginal Wooden Trumpet and Related Instruments Throughout the World". The only way to fully comprehend the elaborate techniques used in playing the didjeridu was to learn to perform them himself. Over the last ten years he has acquired a degree of mastery over the instrument and has written a number of articles about it.

Mr. Jones is married with two children and is expected to take up his position in June.

CHAIRS OF PURE MATHEMATICS

Dr. Z. Janko and Dr. J. Miller have been appointed to Chairs of Pure Mathematics.

Dr. Janko is an algebraist specializing in the theory of finite groups. His recent discovery of a new finite simple group is one of the major mathematical achievements of the past year. Dr. Janko is at present a Fellow in Mathematics in the Research School of Physical Sciences at the Australian National University. He studied mathematics in the University of Zagreb (Yugoslavia) where he took his first degree in 1956, his Ph.D. in 1960, and gained a higher doctorate in 1961.

CHAIRS OF PURE MATHEMATICS (cont.)

Before coming to Australia in April 1962, Dr. Janko had six years' experience teaching mathematics to seventeen and eighteen-year-old students at various Yugoslav schools. From October 1961 to March 1962 he was the guest of the German Academic Exchange Service and worked in the Universities of Frankfurt (am Main) and Tübingen.

Dr. Janko is married with two children.

Dr. Miller is a mathematical analyst with a growing international reputation, noted for his work on the theory of distribution and on Banach algebras. He graduated as Bachelor of Science with first class honours in Mathematics in the University of Sydney in 1950. Awarded the J.B. Watt Travelling Scholarship, he entered St. John's College, Cambridge, to read the Mathematics Tripos and obtained the degree of Bachelor of Arts in the University of Cambridge in June, 1952. He was awarded the Ph.D. degree by the University of New England in May, 1958.

Dr. Miller has successively held appointments as Science and Mathematics Master at St. Peter's College Adelaide from 1953 to 1954, Lecturer in Mathematics, University of New England from 1955 to 1958, and Lecturer and later Senior Lecturer at Canberra University College. He spent seven months as a Research Associate in the Department of Mathematics at Yale University on a Fulbright travel grant in 1962. In the same year he attended the International Congress for mathematicians at Stockholm and worked for four months in the Mathematical Institute at Oxford.

Dr. Miller is married with one child.

ASSOCIATE PROFESSORS

Mr. J.D.C. Crisp of the Department of Applied Mechanics has been promoted to an Associate Professorship. Associate Professor Crisp has been with the Department since 1961. Before coming to Monash he was Research Associate Professor in the Department of Aeronautical Engineering and Applied Mechanics at the Polytechnic Institute of Brooklyn, New York. Associate Professor Crisp's research interests and publications have been in the fields of structural analysis, re-entry phenomena, flutter and aeroelasticity and he is highly regarded in these fields both in Australia and overseas. Since coming to Monash, apart from continuing to interest himself in his former work and in vibrations in general, he has developed new methods to study inflatable membraneous structures, organized a continuing series of research colloquia in which many outsiders have participated, and played a leading part in establishing facilities for analogue computation to aid his research and that of others.

Associate Professor Crisp has been active in establishing curricula and in designing laboratory experiments for class work, many of which are probably unique in their approach to bringing various facets of dynamics home to engineering students.

ASSOCIATE PROFESSORS (cont.)

Dr. W.A. Rachinger of the Department of Physics has been promoted to an Associate Professorship. Associate Professor Rachinger has been with the Department since 1960.

His research interests have been in the fields of Solid State and Low Temperature Physics. In addition, he has prepared numerous reports for the Department of Supply and the Commonwealth Aeronautical Advisory Research Council. Associate Professor Rachinger is an acknowledged authority on the deformation of metals and martensitic transformations in solids. His current research is concerned with investigations of filamentary superconductors, which are produced by an entirely novel process, and of electron tunnelling into superconductors.

Associate Professor Rachinger has been responsible for the First Year Physics Laboratories, and has taken an active part in other departmental activities and administration. He has been deeply involved in work which has led to the introduction of the new Leaving and Matriculation syllabuses in Physics now being taught in all schools in Victoria. At present he is concerned with the design of university courses which are required to follow these new secondary school courses in 1967.

OBSERVANCE OF CAMPUS SPEED LIMITS

Members of staff are requested to observe the speed limit of 20 m.p.h. on the campus roads. It makes the enforcement of this rule much more difficult if members of staff are seen and known to be disregarding the speed limit.

There is a very real possibility of serious and tragic accidents, particularly to pedestrians, if the speed limit is not strictly observed.

INTERSTATE DRIVING LICENCES

Members of staff holding current interstate driving licences or interstate licences that have expired within the last three months should report to their Metropolitan Licence Test Station for an oral test. If a period of more than three months has elapsed a full driving test will be necessary.

HOUSE FOR SALE

Situated in Springvale. Five minutes to Dandenong Road. Builder's own home. Corner position. Modern, 15 sq. containing five rooms including three bedrooms. Double garage masonite lined 27' x 12'. £6,000.

For further details contact Miss Hall, ext. 2032.

SPECIAL RESEARCH GRANT

Advice has now been received that orders may be placed against the £50,000 which has been allotted to Monash from the second £1 million of the £5 million special research grant.

This grant was recommended by the Australian Universities Commission in its 1964-66 Report in the following terms: "To help meet the expenditures required for effective research training, including the purchase of major items of equipment, the Commission recommends that a sum of £5 million be made available for allocation by the Commission to State universities during the 1964-66 triennium. The Commission believes that universities should have freedom in distributing their allocations between projects. The Commission's sole concern is that research, in its fundamental context, shall expand in extent and develop in expertise."

The procedure used in this University was to call for submissions from departments; a brief account of each research project, its cost, duration, and other particulars was appended. The Professorial Board appointed four assessors (Professors Street, Lampard, Gruen, and Laufer) and the Vice-Chancellor sat with two of these and discussed with each chairman, in the presence of the appropriate Dean, the nature of the project, its object, significance, and so on.

The assessors categorized the projects as far as they were able, and also indicated projects that had particularly impressed them. Every project was submitted to the A.U.C. with an indication of its standing.

The A.U.C., rather unexpectedly, did not select projects but it did award £50,000 to Monash and asked how it was intended to be spent. The Vice-Chancellor accordingly selected £50,000 worth of first priority projects, bearing in mind the advice he had received from the assessors, and, as has been mentioned, these projects have now been approved.

SIR JOHN MONASH COMMEMORATION SERVICE

The Sir John Monash Commemoration Service will be held at 3 p.m. on Sunday, 11th April, and will be of special significance as 1965 is the centenary year of Sir John Monash's birth. The Chancellor, Sir Robert Blackwood, and the Vice-Chancellor, Dr. J.A.L. Matheson, will represent the University on this occasion and the Chancellor will lay a wreath.

Members of staff and students are invited to attend the service which will be held at the statue of Sir John Monash in Linlithgow Avenue, Melbourne.

The guest speaker will be the Prime Minister Sir Robert Menzies who will be accompanied by Dame Pattie Menzies.

WOMEN'S HOCKEY CLUB

Any members of staff interested in supporting the Women's Hockey Club, either actively or passively, should write to Miss A. Ross, c/- the Women's Hockey Club, Union.

A coach is also required and any staff interested in this position should also contact Miss Ross.

MONASH UNIVERSITY GOLF CLUB

The Monash University Golf Club was formed in August, 1964, when approximately thirty interested persons met, agreed to a provisional constitution, and elected Office Bearers and an Executive Committee. The formation of this Club was stimulated by discussions that had been held previously with members of the Committee of Metropolitan Golf Club who indicated an interest in Monash, and suggested the possibility of providing facilities for those at Monash who wished to play golf.

At present, there are approximately thirty members of the Club, and the Executive Committee has met on three occasions in preparation for greater activity in 1965. The President, Professor Hudson, and the Executive Captain, Professor Schofield, have had several discussions with members of the Committee of Metropolitan Golf Club so that now a scheme of arrangement exists whereby the Metropolitan Golf Club has made available a limited number of week day memberships for members of the University staff, and will give week day playing rights for students provided they are members of the Monash University Golf Club. In this respect, Metropolitan Golf Club has been extraordinarily generous to Monash.

It is hoped that with this affiliation the Club will grow in strength and flourish in the years to come. Further enquiries about membership should be directed to the Secretary, Mr. G. Rice, Faculty of Law, or Mr. D. Ellis, Union. The annual membership is ten shillings.

MONASH UNIVERSITY STAFF THEATRE

Bookings are now open at the Union Office (ext. 2108) for the Staff Theatre group's first full-scale production - "Lysistrata". The short season opened on Tuesday, 6th April, running to Saturday, 10th April, in the Union Hall. Admission will be 7/6, a printed programme and cup of coffee being included in this charge.

Once described as "...a rollicking excursion into impropriety...", Aristophanes' comedy has succeeded in entertaining innumerable audiences since it was first produced in Athens in 411 B.C. The cast in this production comes principally from members of staff and staff wives, including Laura Brogan (playing the title role), Cecile Parrish, Jennifer Bell, Audrey Matheson, Rita Meaney, Christine Thompson, Reina Williams, Richard Pannell, Laurence Davies, Dennis Douglas, John Fogarty, Bruce Knox, Peter Naish and John Williams. "Lysistrata" is directed by Dennis Davison. Members of cast are hoping to see and be seen by a large number of members of staff. Still in its infancy, the Staff Theatre group will, for a time, depend on the support it receives from the staff generally.

Because Monday, 5th April, was the dress rehearsal night for "Lysistrata," the monthly play-reading which would normally have been held on that evening was postponed to Monday, 12th April, when the play-reading will again be in the English departments library at 8 p.m. The play to be read on this occasion will be one of the three included in the Penguin book of plays by Lorca.

STAFF THEATRE (cont.)

Members of staff who wish to attend the week-end drama school announced in the March edition of the Reporter are asked to get in touch with the organizer of the school, Laura Brogan ('phone 99-3336), not later than Friday, 23rd April. The school will be held at Monash over the week-end, 30th April to 2nd May.

SCHOOL VISITS

Student Counselling would like to hear from any staff members interested in visiting secondary schools during the course of the year. The purpose of these visits is:

(a) to give information about what Universities are and their role in the modern community.

(b) to give information about University courses, how to get into them, what they consist of and careers to which they may lead.

(c) to let people in the upper forms of secondary schools see at least one person from the University - partly so there will be someone they can contact during their first few months as freshers, and partly to give evidence of the interest taken by the University in the schools and of the desire to maintain liaison with them.

No previous experience in such visiting is necessary. Interested people will have an opportunity to visit a school with an experienced school visitor so that they can get an idea of the sort of questions school leavers ask. Discussions both prior to and following visits will also be arranged by Counselling.

Ample printed information on types of courses and careers is available. This will necessitate some homework on the part of the prospective school visitor. The visits, however, will not take up much time and the number of visits to be made by each person will be arranged according to his or her own wishes.

For further information either ring or call at Student Counselling and ask for Mr. G. Cally or Miss Norwood.

VICTORIAN WOMEN GRADUATES' ASSOCIATION

The V.W.G.A. is affiliated to similar organizations both interstate and overseas. Its activities cover a wide range as shown by the following examples: A careers night for school leavers, financial assistance towards the provision of residential accommodation for undergraduates, an evening function as introduction to the organization for new graduates, information on part-time employment for older graduates, various scholarships available for post-graduate research overseas.

The activities of the local groups and news of Australian Federation of University Women and International Federation of University Women are circulated to members.

This year from 16th to 28th August an international conference will be held in Brisbane with the theme "The Impact of Population Changes: Social and Educational Implications". Study groups are now working on aspects of this theme. Many of the overseas visitors attending the conference have expressed their intention of visiting Melbourne and no doubt Monash will figure prominently as an attraction. Would anyone prepared to act as guide or hostess to such visitors please contact Miss Joyce Safford, Department of Chemistry (ext. 2721). Any assistance will be appreciated.

DISTINGUISHED VISITORS TO THE UNIVERSITY DURING FEBRUARY AND MARCH

Their Royal Highnesses, the Duke and Duchess of Gloucester.
Mr. Lee Kuan Yew, Prime Minister of Singapore and Mrs. Lee.
His Excellency Dr. Eion MacWhite, Ambassador for the
Republic of Ireland to Australia, and Mrs. MacWhite.
Mr. Donald Clark, Librarian, Santa Cruz Campus, University
of California.
Lady Medley.
Dr. Ralph Peterson, Fulbright Scholar, U.S.A.
Mr. A. Lovell, Department of Labour and National Service.
Mr. K. Inglis, Department of Labour and National Service.
Dr. Wilson Johnston, Medical Officer, The Queen's Univers-
ity of Belfast, and Mrs. Johnston.
Dr. Hetherington, Director, Student Health Service, Univ-
ersity of Melbourne.
Mr. Eric Westbrook, Director, National Gallery, Victoria.
Mr. Howard Sheath, Director of External Studies, University
of New England, and Mrs. Sheath.
Members of the Royal Australian Institute of Architects.
Brigadier Eric Mockler Ferryman.
Colonel A.G. Oldham.
Dr. Clive Disher.
Professor J.E. Harris, Vice-Chancellor elect of Bristol
University, and Mrs. Harris.
Australian National Committee of the C.I.G.R.E.
Dr. L.G. Kovacs, Fellow of the Department of Mathematics,
Research School of Physical Sciences, A.N.U.

GIFTS

A substantial gift of books has been given to the library
by the Vice-Chancellor, Dr. J.A.L. Matheson.
A valuable gift of German handbooks, encyclopaedias, and
dictionaries for the seminar library has been received by
the German Section of the Department of Modern Languages
by the Government of the Federal Republic of Germany.
A large number of philosophical journals has been presented
to the Department of Philosophy by Mrs. G.S. Bell of
Elsternwick.

DEPARTMENTAL NEWS OF GENERAL INTEREST

MATHEMATICS

Mr. G.C. Smith has recently returned from twelve
months' study leave spent at the University of Newcastle
upon Tyne.

At the joint invitation of Melbourne and Monash Uni-
versities, Professor Einar Hille, Professor Emeritus of
Yale University, will give two lectures at Melbourne
University during April on functional inequalities and
potential theory. Professor Hille is at present a Ful-
bright fellow at the School of General Studies, A.N.U.,
and was one of the invited speakers at the Summer Research
Institute of Mathematics held at Canberra in January.

On Tuesday, April 13, a colloquium will be held at
Monash in the Faculty of Science Tutorial Room, commencing
at 4.15 p.m. Mr. J.G. Bolton, Director of the C.S.I.R.O.
Radio Observatory, Parkes, N.S.W., which operates the

250-ft radio telescope, will speak on recent observations of radio sources and their interpretation.

The annual meeting of the Australian Mathematical Society will be held in Hobart during the last week of first term, 1965.

MECHANICAL ENGINEERING

An informal technical session on "Transient Fluid Flow Phenomena in Tubes" was arranged by Professor Barden and Dr. Stevenson and held in the School of Engineering on the 8th March. Seventeen people attended and contributions on their current research work were presented by people from the Australian National University, the Universities of Adelaide, Melbourne, Monash, New South Wales, and Sydney, and the Weapons Research Establishment (Salisbury).

The fields of work discussed included shock wave phenomena in gases and water and plasma flow studies.

Appreciation was widely expressed of the value of this informal session for facilitating the exchange of information between workers in allied fields.

Apologies for their inability to attend were received from many people including staff from the Universities of Queensland and Western Australia, and written contributions were received from staff from the University of Queensland and the Aeronautical Research Laboratory, Melbourne.

BOTANY

The Botany Department would like to call attention to its existence. The staff of four - Professor M.J. Canny, Mr. P.F. Lumley (Senior Teaching Fellow), Mr. R.R. Cohen (Laboratory Manager), Mrs. E. Hedley (Secretary) - are living in borrowed rooms in the Mathematics and Biochemistry Departments until part of the ground floor of the Science block is converted to provide temporary accommodation.

Teaching will begin in September but a second year course will not be possible until 1967.

It is hoped to plant a small Botanic Garden and a collection of Victorian trees within the University grounds.

MODERN LANGUAGES

For the first time the department has a large number of postgraduate students. In the German Section six students are reading for the degree of Doctor of Philosophy, while another six are enrolled for the degree of Master of Arts. The French Section has three Ph.D. students and five enrolled for M.A.

In recent weeks the French Section has lost both Mr. David Askew and M. Michel Bocquet, the former having accepted a lectureship at the University of Western Australia, the latter a similar post at the University of Sydney.

The joint seminars successfully inaugurated last year by this Department and Melbourne University's Department of French were resumed on the 26th March at Melbourne University, when Dr. A.G. Paradissis read a paper on "The satirical mingling of human and animal characteristics in the work of Balzac." It is anticipated that the next seminar will be held at Monash at 7.00 p.m. on Friday, 7th May, when

Mr. R. Lamerand will read a paper on "Approaching the French Language by way of Japanese." These seminars are open to all members of staff and all research students from all Faculties.

It is expected that similar joint seminars will shortly be organised for research students of the German Section and of the Melbourne German Department.

PHILOSOPHY

Mr. J.E. McGeachie has been awarded the D. Phil. by Oxford University for a thesis entitled "The Meaning of Implication".

ZOOLOGY

Professor A.J. Marshall visited New Zealand recently at the invitation of the Government to advise on the rearing of an almost extinct bird. The bird, whose Maori name in Tarake, is known to science as Notornis. It is the size of a small turkey, and is green-blue in colour with a startling red frontal shield. A small population was found in 1948, nearly 100 years after it was thought to have become extinct, in a small valley in the Murchison Range of the South Island of New Zealand. The Government declared the area a sanctuary, and enclosed the entire area within a wire fence. This area now contains about six breeding pairs, protected from all predators, and some 100 birds are known to exist. However, no success has been achieved from efforts to rear the birds in captivity thus far, and it was on this aspect that the New Zealand authorities sought Professor Marshall's advice, and invited him to make an on the spot inspection.

Dr. John Nelson has returned from a ten-day visit to the Moreton Bay area of Queensland. Dr. Nelson, who is studying vocal communication in fruit bats or "flying foxes", collected 2700 feet of magnetic recording tape, using field recording equipment designed and built in the Department.

Dr. Bill Williams is engaged in a research project to study the chemical composition of inland waters, and the distribution of fresh-water shrimps. He recently completed a field trip to North and Central Queensland in pursuit of his favorite hobby. Working with Mr. Ian Bayly, who provided transport and financial support from the University of Queensland, Dr. Williams visited Central Queensland, the Atherton Tablelands, and Cape York, returning down the Queensland coast, a trip of over 4000 miles.

FACULTY CLUB

The Fourth Annual General Meeting of the Monash Faculty Club was held in Lecture Theatre S.4 at 1.15 p.m. on the 31st March, 1965, and the following office bearers were elected:

President	Mr. T.B. Southwell
Vice-President	Mr. H.G. Gelber
Hon. Secretary	Mr. J.C. Brierley
Hon. Treasurer	Rev. P.J.E.J. Hawkes
Members of Committee:	Professor F. Gruen, Dr. M. Holman, Mrs. E. Brown, Dr. D.A. Lowther, Dr. D.G. Silva, Mr. R.G. Osborn, Dr. H. Perlman, Mr. R.G. Gani.

STAFF ARRIVALS - February and March

Dr. E.F. Glasgow - Senior Lecturer in Anatomy - graduated M.B., B.Ch., B.A.O., from Queen's University, Belfast in 1954 and joined the staff of that University as a Demonstrator in Anatomy. Since 1959 he has held appointments as Lecturer and later as Senior Lecturer in the Department of Anatomy at the University of Western Australia. Dr. Glasgow is single.

Dr. A.L. Powell - Senior Lecturer in Economics - graduated B.Sc.Agr. from the University of Sydney in 1958. From 1959 to 1961 he was a Research Student at the same University where in 1963 he was awarded a Ph.D. From June 1963 to December 1964, he was a Post Doctoral Fellow in Political Economy at the University of Chicago. Dr. Powell is married with two children.

Dr. W.D. Stewart - Senior Lecturer in Education - graduated M.A. in English and History in 1940, LL.B. in 1948 and B.Ed. in 1950 from the University of Glasgow. In 1956 he was awarded a Ph.D. by the University of Malaya for a thesis in the field of educational psychology. He is a member of the British Psychological Society. From 1960 to 1962 Dr. Stewart was in Australia studying Australian universities and Teachers' Training Colleges, their admission procedures and the opportunities and facilities available to foreign students, especially those from South East Asia. Before coming to Monash, he was Lecturer in Psychology at the Jordanhill College of Education in Glasgow. Dr. Stewart is married.

Dr. A.J. Turski - Senior Lecturer in Electrical Engineering - graduated B.S. in Electrical Communication Engineering and M.S. in Engineering from the Polytechnic Institute of Warsaw. In 1955 he gained the degree of M.S. in Applied Mathematics from Warsaw University, and in 1962, a Doctor of Engineering degree from the Polish Academy of Sciences. Before his appointment at Monash Dr. Turski was a Research Associate at the Polish Academy of Sciences, Communication Theory Department, Warsaw. Dr. Turski is married with one child.

Dr. E. Strzelecki - Senior Lecturer in Mathematics - graduated M.Sc. from the University of Moscow in 1954, and in 1962, received a Ph.D. from the University of Wroclaw. In 1948 he graduated from the Grodno Pedagogical Institute, and from 1948 to 1959 he was a Lecturer at the Institute, and the Grodno Agricultural Academy. Before coming to Monash he was a Senior Lecturer in the Department of Mathematics at the Wroclaw Technical University. Dr. Strzelecki is married with two children.

Dr. G.C. Fletcher - Senior Lecturer in Physics - graduated from the Imperial College of Science and Technology, London. He gained his D.I.C. in Mathematics in 1950 from the same College. In 1953 he was awarded a Ph.D. by the University of London. Before commencing his university studies, Dr. Fletcher served with the R.A.F. for five years. Prior to his appointment at Monash he was Acting Head of the Department of Applied Mathematics in the University of Sydney. His principal research interests lie within the field of electron band theory and lattice theory. Dr. Fletcher is married with two children.

STAFF ARRIVALS (cont.)

Mr. M.B. Macmillan - Senior Lecturer in Psychology - graduated B.Sc. from the University of Western Australia and M.Sc. from the University of Melbourne in 1964 and is a member of the British Psychological Society. Before coming to Monash he was working in the Mental Hygiene Branch of the Victorian Department of Health. Mr. Macmillan is married with three children.

Dr. Peter Riach - Lecturer in Economics - graduated B.Com. with first class honours from the University of Melbourne in 1959. During 1959 he worked with a firm of Chartered Accountants and in 1960 was a Tutor at the University of Melbourne. He recently completed the course for a Ph.D. at the London School of Economics. Dr. Riach is married.

Dr. N. Morcovescu - Lecturer in French - holds degrees equivalent to the B.A. (in French and Latin) and to the B.Sc. (in Mathematics), from the National College, Bucharest, Rumania. He began studies in Chemical Engineering at the Polytechnical School, Bucharest, but these were interrupted by the war. In 1948 he sought political asylum in France, and from then until 1958 he lived in Paris, employed first in journalism, later in a commercial firm as a clerk. During this period he continued studies in languages and in information theory both privately and at the Ecole pratique des Hautes Etudes and the Ecole nationale des Langues orientales. In 1959 he began graduate studies at the University of Pennsylvania, taking out the degrees of M.A. in French in 1961 and of Ph.D. in Romance Linguistics in 1963. Dr. Morcovescu is single.

Dr. N.V. Pears - Lecturer in Geography - graduated B.Sc. from the University of London in 1959 and has recently gained his Ph.D. from the same University. He was Assistant Lecturer, then Lecturer in charge of the newly established Geography Department at Sir John Cass College, London University. His main interest is in plant ecology and soil study. Dr. Pears is married.

Mr. Idrus Abdullah - Lecturer in Indonesian Languages - is widely known in Indonesia as the author of many short stories and several books including "Dari Ave Maria Ke Jalan Lain De Roma" and "Aki". Mr. Idrus is married with six children.

Dr. G.D. Clarke-Walker - Post-Doctoral Fellow in the Department of Biochemistry - graduated B.Sc. in 1959 and M.Sc. in 1961 from the University of Western Australia. In 1961 he was admitted to Balliol College, Oxford, where he was recently awarded a D.Phil. Dr. Clarke-Walker is single.

Dr. V.L. Silberberg - Senior Teaching Fellow in Biochemistry - graduated B.Sc. in 1958 and M.Sc. in 1960 from the University of Melbourne. In 1963 she was awarded a Ph.D. by the University of London. Dr. Silberberg is married.

Mr. W. Laxon - Senior Teaching Fellow in Civil Engineering - graduated B.Sc. (Eng.) from King's College, University of London in 1963. In 1964 he was a Research Student in the Department of Civil Engineering at Monash where he is currently completing a thesis for an M.E. entitled "The Composite Behaviour of Infilled Panels". Mr. Laxon is married.

STAFF ARRIVALS (cont.)

Mr. D.H. Adams - Senior Teaching Fellow in Mathematics - graduated B.Sc. in Mathematics with first class honours in 1964 from the University of New England, when he was awarded the University Medal. Mr. Adams is single.

Dr. K.M. Foster - Clinical Research Fellow in the Department of Medicine - graduated M.B., B.S. from the University of Melbourne in 1962. During 1962 and 1963 she has held resident medical officer appointments at Prince Henry's Hospital and the Alfred Hospital, Melbourne. Dr. Foster is single.

Dr. H.D. Niall - Senior Teaching Fellow in Medicine - graduated M.B., B.S. from the University of Melbourne in 1962. From 1962 to 1963 he held resident medical officer appointments at St. Vincent's Hospital where before his appointment to Monash he was Pathology Registrar. Dr. Niall is married.

Dr. J.R. Pilbrow - Senior Teaching Fellow in Physics - graduated B.Sc. (Hons.) with first class honours in Physics in 1960 from the University of Canterbury, New Zealand, and M.Sc. with first class honours in Physics from the same University in 1961. He recently obtained his D.Phil. from Oxford University. He has demonstrated to undergraduate students at the Universities of Canterbury and Oxford. Dr. Pilbrow is married with two children.

Miss Sandra Gibson - Teaching Fellow in Biochemistry - graduated B.Sc. from the University of Manchester in 1962. She subsequently worked as a research student at the Chelsea College of Science and Technology gaining an M.Sc. from London University in 1964.

Mr. P.C. McDonell - Teaching Fellow in Economics - completed a B.Ec. course with first class honours at Monash in 1964. Mr. McDonell is single.

Mr. F.I. Menzies - Teaching Fellow in Economics - completed his B.Ec. at Monash, 1964. Mr. Menzies is single.

Mr. J. Vrolyk - Teaching Fellow in French - completed a B.A. with first class honours in French in 1964 while working part-time in the Commonwealth Bureau of Census and Statistics. Before this he worked as an interpreter for the Commonwealth Employment Service. Mr. Vrolyk is single.

Miss B. Kaula - Teaching Fellow in German - graduated B.A. from the Australian National University in 1962. During that year she held a German Academic Exchange Scholarship at the University of Munich. In 1963 she completed a Dip. Ed. at the University of Sydney and in 1964 taught German at Narrabundah High School, Canberra.

Mr. R.A. Hayes - Teaching Fellow in Law - graduated LL.B. from the University of Melbourne and completed his articles during 1964. Mr. Hayes is single.

Mr. R.F. Smith - Teaching Fellow in Politics - graduated B.A. (Hons.) in 1962 from the University of Adelaide and is at present completing a thesis for the degree of M.A. at the same University. He is particularly interested in the social basis of Australian politics. Mr. Smith is single.

STAFF ARRIVALS (cont.)

Dr. K.H. McLean - First Assistant in Medicine - graduated M.B., B.S. in 1950, M.D. in 1954, and gained his Ph.D. in 1957 from the University of Melbourne. He is also a M.R.A.C.P. During 1956 Dr. McLean held a Nuffield Foundation Dominion Travelling Fellowship and studied cardiology at the Institute of Cardiology and the National Heart Hospital, London. Since 1959 he has been Director of the Cardio-Vascular Diagnostic Service at the Alfred Hospital. Dr. McLean is married with four children.

Dr. J.P. Asche - Demonstrator in Anatomy - graduated B.Sc. and M.B., B.S. from the University of Melbourne. He has had several years experience as a medical practitioner and has taught mathematics at both secondary school and university level. Before taking up his appointment, he was a Senior Teaching Fellow in the Department of Mathematics at Monash. Dr. Asche is single.

Dr. D.S. Brownbill - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Melbourne in 1962. During 1963 and 1964 he has held resident medical officer appointments at the Royal Melbourne Hospital and the Alfred Hospital. Dr. Brownbill is single.

Dr. R.N. Cahill - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Melbourne in 1962. He held resident medical officer appointments at the Royal Melbourne Hospital and the Royal Children's Hospital during 1963 and 1964. Dr. Cahill is single.

Dr. D. de Kretzer - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Melbourne in 1962. Since then he has held resident medical officer appointments at Prince Henry's Hospital. Dr. de Kretzer is married.

Dr. K.E. Farrell - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Melbourne in 1962. The following two years he held resident medical officer appointments at St. Vincent's Hospital. Dr. Farrell is married.

Dr. Adam Fligelman - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Melbourne in 1962. He held resident medical officer appointments at Prince Henry's Hospital during 1963 and 1964. Dr. Fligelman is married.

Dr. J. Grimwade - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Melbourne in 1962, and then held resident medical officer appointments until 1964 at the Alfred Hospital and the Queen Victoria Hospital. Dr. Grimwade is married.

Dr. Barry Hicks - Demonstrator in Anatomy - graduated M.B., B.S. from the University of Adelaide in 1961. Since then he has spent two years working in Adelaide Hospitals as a resident medical officer and one year in general practice. Dr. Hicks is married with one child.

Dr. E.H. Hift - Demonstrator in Anatomy - graduated M.B., Ch.B. from the University of Otago in 1961. He held resident medical officer appointments at Auckland hospitals for the following two years. Dr. Hift is single.