



MONASH REPORTER

An unofficial bulletin for the information of members of staff of Monash University

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OCTOBER 1967

NEW MEMBERS OF COUNCIL

The Hon. S.R. McDonald, M.L.C. has been appointed a member of the Council in place of the Hon. P.V. Feltham, and will serve until 1st August 1969.

The Hon. W.R. Garrett, M.L.C. has been appointed a member of the Council in place of the Hon. J.F. Rossiter, M.L.A., and will serve until 1st August 1969.

MR. E.H. CLARK

Mr. E.H. Clark, Librarian, has been elected President of the University and College Libraries Section of the Library Association, and also a member of the General Council.

CHAIR OF ECONOMIC HISTORY

Dr. J.W. McCarty, Senior Lecturer in Economic History in the University of Sydney, has been appointed to the first Chair of Economic History.

He graduated B.Com. in 1952 from the University of Melbourne, and Ph.D. from the University of Cambridge in 1961. His Ph.D. thesis was on "British Investment in Overseas Mining 1880-1914". Before his appointment to the University of Sydney in 1961 he lectured in Economics at the University of New South Wales.

In 1962 Dr. McCarty became editor of the "Australian Economic History Review" (then under its former title of "Business Archives and History") and has been co-editor since 1966.

He is currently working on two books, one based on his Ph.D. thesis and the other with Dr. Hughes of the Australian National University on the Economic History of Australia.

Dr. McCarty is expected to take up his new appointment in May next year.

CHAIR OF GENETICS

Dr. Bruce Holloway, Reader in Microbial Genetics in the University of Melbourne, has accepted the invitation of the University Council to occupy a Chair of Genetics in the Faculty of Science.

In 1949 Dr. Holloway obtained the Honours degree of Bachelor of Science with first class honours in Botany from the University of Adelaide. He was awarded the degree of Doctor of Philosophy by the California Institute of Technology in 1953 for work on "Genetic Control of Heteroocoryosis in Neurospora crassa." In 1965 he was awarded the degree of Doctor of Science from the University of Melbourne for work on Genetic Studies on Pseudomonas aeruginosa and its bacteriophages."

Before his appointment as Senior Lecturer in Bacteriology at the University of Melbourne in 1957, he was a Research Fellow in Microbial Genetics in the John Curtin School of Medical Research at the Australian National University.

He was appointed Visiting Lecturer in Microbiology at the Massachusetts Institute of Technology in 1962 and last year was invited to be Visiting Research Associate in Biology in the department of Molecular Biology at the University of California, Berkeley.

On a number of occasions he has visited universities and research laboratories in U.S.A., Canada, United Kingdom and Europe and has presented papers at International conferences.

Dr. Holloway's main research activity since 1953 has been a genetic study of the bacterium Pseudomonas aeruginosa.

He is President of the Australian Radiation Society, Victorian Branch. Since 1963 he has given the annual graduate lecture course in microbial genetics in the department of Biochemistry at Monash.

Dr. Holloway is married with two children. He will take up his new appointment in February next year.

PROFESSOR OF ANTHROPOLOGY AND SOCIOLOGY

Dr. M.G. Swift, Senior Lecturer in the department of Anthropology at the University of Sydney, has been appointed a Professor in the department of Anthropology and Sociology. Professor M.G. Marwick holds the original Chair.

Dr. Swift graduated B.Sc. (Econ.) in 1951 and Ph.D. in 1961 from the London School of Economics. He spent three years lecturing in the department of Malay Studies in the University of Malaya before taking up a position as Lecturer in the department of Anthropology in the University of Sydney in 1961.

His current research is into a number of theoretical issues in economic anthropology, broadly concerned with the status of the study of pre-industrial economic systems as a logically separate aspect of social anthropology, and the part which economic theory can play in such study. Dr. Swift's special regional interest continues to be Southeast Asia especially Greater Malaysia.

Dr. Swift's appointment will enable further opportunity for inter-disciplinary study through the Centre for Southeast Asian Studies.

Dr. Swift is married and has two children. He is expected to take up his appointment at the beginning of next year.

DEPUTY LIBRARIAN

Mr. T.B. Southwell has been appointed Deputy Librarian.

He is a Bachelor of Arts of the University of Sydney, and an Associate of the Library Association of Australia. From 1941 to 1960 he served in the Fisher Library at the University of Sydney. After one year in the Library Department of Angus and Robertson Limited he joined Monash in 1961 as Chief Reference Officer in the Library, a position he has held since that time. Mr. Southwell is married with three children.

STAFF LOANS FROM MAIN LIBRARY

The attention of borrowers from the Main Library is drawn to a change in the system of loans. It has been decided that the present system, allowing a three-monthly loan period to staff with virtually automatic renewal if required, does allow less responsible borrowers to hold for long periods books for which they virtually never have to account.

Effective from the end of this term all books on loan must be actually returned to the Library at least once per term, and may then be re-borrowed if required. Telephoned or written requests for renewal will not be accepted.

Notice is therefore given that all books borrowed from the Main Library prior to the end of examinations (25th November) must be returned to the Library on or before 8th December, 1967.

Staff members who expect to be away from the University at that time are asked to ensure that their books are returned before they leave.

This change in procedure applies to the Main Library only. Borrowing periods for the branch libraries remain as at present, i.e. -

Hargrave Library:

Books	1 month
Periodicals (bound or unbound)	2 weeks

Bio-Medical Library:

Books	1 month
Bound periodicals	1 month
Current periodicals	2 weeks

RESEARCH GRANTS

The following members of staff received grants for their research projects in 1968. The Commonwealth Government has provided \$635,550 for research projects in

RESEARCH GRANTS (cont.)

Victoria next year. Of this amount, Monash has received \$223,532.

<u>Investigator</u>	<u>Project Title</u>	<u>Amount</u>
<u>Social Sciences and Humanities:</u>		\$
Professor R.H. Day and Mr. W.R. Webster (Psychology)	The physiological basis of attentional mechanisms	4,897
Dr. H.G. Gelber (History)	Costs and benefits of the Australian-American alliance in the light of the strategic situation in the Indo-Pacific region	582
Mr. I.R. Hancock (History)	British colonial native policies in East Africa 1919-1939	1,300
Mr. L.D. Mackay (Education)	The development and testing of procedures for evalua- tion of physics curricula in secondary schools	4,500
Professor M.G. Marwick and Mr. R. Parsler (Anthro- pology and Sociology)	An analysis of social values of working and middle class families	10,700
Mr. A.D. Perriment (Psychology)	Response to infor- mation from bisensory signals	10,400
Dr. A.G. Serle (History)	History of Victoria 1850-1900	1,680
Dr. C.M. Tatz (Anthropology and Sociology)	An investigation into the health of the Aboriginal community in Victoria	4,650

RESEARCH GRANTS (cont.)

<u>Investigator</u>	<u>Project Title</u>	<u>Amount</u>
<u>Physical Sciences:</u>		
		\$
Dr. A.C. McLaren (Physics)	Observation and identification of crystal defects - their role in the mechanisms of crystallization and deformation of minerals and rocks	12,700
Professor B.R. Morton (Mathematics)	Source and sink flows in stratified fluids	2,625
Mr. J.A. Peterson (Geography)	Climate, periglacial landforms and treelines in South-East Australia	1,316
Professor R. Street and Dr. G.V.H. Wilson (Physics)	Studies of magnetic materials at low temperatures in high magnetic fields	19,800
Mr. G.J.F. Troup (Physics)	Studies in Quantum Electronics	6,675
<u>Chemical Sciences:</u>		
Professor R.D. Brown (Chemistry)	Study of short lived species by microwave spectroscopy	24,038
Dr. B.A.W. Collier (Chemistry)	Rate studies of the halogenation of electron rich heteroaromatic molecules	1,123
Dr. G.B. Deacon (Chemistry)	Studies in organometallic and co-ordination chemistry	2,000

RESEARCH GRANTS (cont.)

<u>Investigator</u>	<u>Project Title</u>	<u>Amount</u>
		\$
Dr. R.S. Dickson (Chemistry)	Substituent effects in organometallic chemistry	1,600
Dr. B.M.K.C. Gatehouse (Chemistry)	Crystal chemistry of the solid state	3,642
Professor J.M. Swan and Professor B.O. West (Chemistry)	i Design and synthesis of new organic compounds having potential therapeutic value	24,945
	ii Some chloro and fluoro substituted organometallic compounds	
<u>Biological Sciences:</u>		
Dr. L. Austin (Biochemistry)	The origin of axonal protein	3,585
Professor M.J.P. Canny (Botany)	Physiological and structural studies of phloem	2,821
Dr. D.F. Dorward (Zoology)	Breeding biology and behaviour of the Cape Barren goose, <u>Cereopsis novae-hollandiae</u>	1,050
Dr. G. Ettershank (Zoology)	Microclimate regulation in desert ant nests	2,100
Dr. M.E. Holman (Physiology)	Biophysical studies on smooth muscle	8,181
Professor A.W. Linnane (Biochemistry)	<u>In vivo</u> effect of antibiotics on mammalian tissues and on human cells in tissue culture	6,000

RESEARCH GRANTS (cont.)

<u>Investigator</u>	<u>Project Title</u>	<u>Amount</u>
Drs. A.W. Linnane, H.B. Lukins and P.R. Stewart (Biochemistry)	Biogenesis of mitochondria	\$ 4,978
Dr. D.A. Lowther (Biochemistry)	Factors involved in the maintenance of cartilage structure	4,140
Dr. D.A. Lowther and Dr. B.N. Preston (Biochemistry)	Structural aspects of connective tissue	1,150
Dr. I.R. McDonald and Dr. M. Weiss (Physiology)	Adrenal function in monotremes and marsupials	2,000
Dr. R.F. Mark (Physiology)	Behavioural and electro- physiological study of visual memory in fish	1,950
Dr. J.H. Marshall (Microbiology)	Physiology of pigment formation by staphylo- cocci	4,480
Professor R.C. Nairn (Pathology)	Immunological studies of biological specificity	4,700
Dr. J.E. Nelson (Zoology)	Comparative physiology, ecology and behaviour of the two native cats <u>Dasvurus viverrinus</u> and <u>Satanellus hallucatus</u>	1,690
Dr. T.P. O'Brien (Botany)	Cell biology of grasses, with special emphasis on cereals	3,807
Dr. G. Woolley (Physiology)	Mechanisms of pulsatile lymph flow	3,335

RESEARCH GRANTS (cont.)

<u>Investigator</u>	<u>Project Title</u>	<u>Amount</u>
<u>Engineering and Applied Sciences:</u>		
Dr. D.B. Boger, (Chemical Engineering)	Heat transfer to viscoelastic fluids	1,050
Dr. J.B. Hinwood (Mechanical Engineering)	Turbulence in stratified fluids	1,080
Professor D.G. Lampard (Electrical Engineering)	A study of information processing in the nervous system using the technique of stochastic stimulation	10,635
Dr. W.H. Melbourne (Mechanical Engineering)	Model scaling of wind effects on structures	6,033
Professor O.E. Potter (Chemical Engineering)	Fluidised bed reactors - behaviour and design	4,800
Mr. G.I.N. Rozvany (Civil Engineering)	Minimum volume synthesis of prestressed plates and other floor systems	4,794

National Heart Foundation

The National Heart Foundation of Australia has announced grants to the following members of staff:

Associate Professor K.H. McLean (Medicine) has received an overseas travel grant to study coronary care units throughout the world.

Dr. K.J. Catt (Medicine) has been awarded \$11,100 for research into measurement of angiotensin II.

RESEARCH GRANTS (cont.)

Dr. L. Austin (Biochemistry) has been awarded \$7,630 for noradrenaline biosynthesis research.

Dr. L.B. Geffen (Physiology) has been awarded \$7,500 for research in cardiovascular function.

Dr. C.L. Gibbs (Pharmacology) has been awarded \$5,604 for research on heat production.

Dr. D.A. Lowther (Biochemistry) has been awarded \$3,350 for research on the structure of heart valves.

Dr. G.A. Bentley (Physiology) has been awarded \$2,926 for research on sympathetic nerves.

National Health and Medical Research Council

Grants totalling over \$42,000 were awarded to three members of staff. The Federal Government approved the grants from the Commonwealth Medical Research Endowment Fund to assist 140 medical and dental projects in Australia in 1968. The three members of staff are:

Professor A.K. McIntyre (Physiology) - \$16,939 for physiological studies.

Professor J. Bornstein (Biochemistry) - \$15,020 for research into diabetes.

Professor B. Hudson (Medicine) - \$10,800 for cancer studies.

ALEXANDER THEATRE

Little Fella Bindi: The visit of the "Tintookies" to Monash on 23rd November is considered a theatrical 'first'. The theatre will be giving performances at 10.30 a.m., 1.30 p.m. and 4.30 p.m. that day, and already the first two sessions have been booked out by surrounding schools.

ALEXANDER THEATRE (cont.)

It has been a very exciting feature of the theatre's first year that school audiences have been attracted to many productions, and teaching staffs are only too happy to bring the children into a building that offers a sound theatrical environment.

The Tintookies are, of course, not exclusively for children. During their recent six months' tour of twelve South East Asian countries, the Company played to audiences of all ages, as indeed they have on their previous Australia-wide tours. The Manila Chronicle summed up "Whether you are six or sixty or anywhere in-between, the puppet show delights with its theatrical spell and charms with its menageries of waggish animal characters."

"Little Fella Bindi" is the charming story of the only surviving member of an aboriginal tribe, who makes friends with the bushland animals and has many exciting and hilarious adventures with them. All the original "Tintookies" stars are there, Panjee Possum, Wilpy Wombat, Krumpy Koala, together with a host of other Australian animal characters.

The theatre will be holding a large number of seats at the 4.30 p.m. session, in order that the young in heart from this University may avail themselves of the opportunity to see this now world-class Company in action.

The programme is of $1\frac{1}{2}$ hours duration. Bookings will be open at the theatre from 23rd October. Prices: Adults 75¢, Students 50¢ and Children 40¢.

PHILOSOPHY SUMMER SCHOOL

The Department of Philosophy, in association with the Council of Adult Education, will be conducting a residential summer school in philosophy in January 1968. The school will run for seven days, from the 6th to the 13th of January.

It is hoped that the school will work both as an

PHILOSOPHY SUMMER SCHOOL (cont.)

adult education project and as a short sampler of philosophy for people who may be starting as undergraduates at the University next year. But it is the latter function that interests the Department most. Although very many students in Arts and other faculties take philosophy in their first year, it is uncommon for a student to start out with a clear idea of the nature of philosophical inquiry. The decision to read philosophy is frequently made for academically irrelevant reasons; and often people whose interests would make them likely to benefit from a course in philosophy do not take the subject, having failed to realize its attractions. The summer school should help a little to offset these disabilities; and the programme has been designed with that hope in mind.

The daytime working sessions of the summer school will seek to give students a quick introduction to philosophy. Each student will choose a speciality - either mathematical logic, theory of knowledge or metaphysics - at which he will work intensively throughout the summer school. The aim here is to achieve a more than superficial penetration in some limited but fairly central area of philosophical inquiry: in the hope that this will provide a sound basis for the development of wider interests in philosophy. Besides the speciality course students will attend lectures on the philosophy of religion, and take part in discussions of topics, such as censorship or capital punishment, where philosophical arguments have a manifest bearing on matters of general interest. These sessions should show the relevance and value of philosophical criticism, and again help to start an interest in philosophy.

The evening meetings of the summer school will be given over to a series of public lectures on topics in moral philosophy. These lectures will be given by Professor A.K. Stout, of the University of Sydney.

As well as Professor Stout, the school staff will include Rusi Khan and Aubrey Townsend from Monash, Tony Coady from Melbourne and Gershon Weiler from La Trobe. Anyone wishing to obtain further details should contact Aubrey Townsend, extension 2210.

BOOK ON MEDICAL SCHOOL

Visitation of the General Medical Council

To the Monash Medical School

November 1966

by

The Dean and Faculty

This is an account of the history, philosophy and growth of the Monash University Medical School, with data on administration, regulations, curriculum, staff, selection of students, examinations, student numbers, finance, grants and buildings. The honorary system and graduate education are discussed, also the role of the Faculty in the Biological Sciences of the University.

A short account of the Monash Medical Centre to be developed on the campus is included.

Finally, there is demographic data on the doctor-population ratios. Copies can be obtained from the University Bookshop. \$2.00 (plus 7¢ postage).

FACULTY CLUB

The following notes have been received from Mr. J.C. Brierley:

The Extraordinary General Meeting of Club members, to be held in Lecture Theatre H3 at 1.15 p.m. on Thursday 2nd November, will be a most important meeting. At it, the Committee intends to put the following motions:

1. That the Meeting receive the Secretary's report, dated 9/10/67, showing a requirement of some 80 squares of floor space for the Club, to be built at a cost of the order of \$150,000 of which the Club would have to raise \$50,000 in fresh capital.

FACULTY CLUB (cont.)

2. That the Meeting accepts the principle that the Club should seek accommodation with separate kitchen facilities and an administration under the Club's own control.
3. That the Meeting approves in principle the setting up of a Club Development Fund, into which a proportion of the annual subscriptions shall be paid and that this proportion shall initially, be not less than \$4.00 of each subscription.
4. That the meeting approves the raising of Monash Faculty Club subscriptions, with effect from 1968, to \$10.50 per annum for full members and \$7.00 for associate members.

Club members will have received the circular setting out the position as seen by the Committee and it is hoped that attendance will be high so that approval or disapproval will be representative of the main body of opinion.

The Club's Treasurer, Rev. Job Hawkes, is handing over the purse strings to Doug Campbell of Economics. Job, who has been Treasurer since April, 1964, is leaving the University at the beginning of next year to head for the sartorial splendour of Carnaby Street where he hopes to convert the new breed to the pleasures of reading. We wish him luck and hope that one day he will return to cast a professional eye over our new premises, whether within or without the Union!

DEPARTMENTAL NEWS OF GENERAL INTEREST

CLASSICAL STUDIES

On the night of October 12th, Associate Professor G.W. Clarke delivered the annual Allen Memorial Lecture at Ormond College within the University of Melbourne. The title of his lecture was "Books for Burning" in which he outlined some ancient methods of literary censorship.

Associate Professor Clark's translation and commentary upon the Octavius of the early Latin Christian apologist, Marcus Minucius Felix, is due soon for publication by Longmans.

FACULTY OF MEDICINE

Dr. E.G. Biglieri, Associate Professor of Medicine, University of California, San Francisco, has been working in the department of Medicine, Prince Henry's Hospital, for three months. He has given a number of lectures to fifth and sixth year medical students, participated in other work of the Department, and made a study and comparison of the Monash curriculum and the University of California curriculum on which he reported to chairmen of departments in a seminar.

Professor Rachit Buri, Dean of Medicine, University of Medical Sciences, Bangkok, visited the Medical School on 25th September.

Professor T. McKeown, Department of Social Medicine, Birmingham University, a world authority on hospital planning who is also largely responsible for planning the new Queen Elizabeth Hospital, Birmingham, was in Australia to attend a seminar at the University of N.S.W. on Hospital Provision and Planning. He gave two brief seminars in the Monash Medical School on "Balanced Teaching Hospitals" and on "The Medical Curriculum".

Mr. Josh Shramp, Medical Dean's Establishment, Alfred Hospital, has become an Associate of the Institute of Australian Photographers.

DEPARTMENTAL NEWS (cont.)

POLITICS

At the recent annual conference of the Australasian Political Studies Association, held at La Trobe University, Professor S.R. Davis presented a paper on "Fashions in Political Studies", and Mr. David Goldsworthy read a paper on "The Study of the Politics of Developing Areas" and replied to one on "Neo-Colonialism in Africa."

In September Mr. Goldsworthy was guest lecturer at the RAAF Academy, Point Cook, speaking on "Problems of Nation-Building in Africa." Earlier, he addressed the annual conference of the African Students Union of Australia, held in Adelaide, on the subject "Rhodesia and the World."

Mr. Dennis Altman and Mr. Lance Barnard, M.H.R., spoke at a public meeting on Vietnam in Hobart during August. Mr. Altman also spoke for a seminar on "Democracy in the University" at the University of Adelaide, 28th September.

SURGERY

Mr. J. Nayman has been awarded Ch.M. (Master of Surgery) of the University of Witwatersand, South Africa for a thesis entitled "Renal Failure and the Technological Advances in Haemodialysis".

Dr. J. Mainland has returned after presenting a paper at the 7th International Congress on Medical Electronics and Biological Engineering in Stockholm. He also visited Anaesthetic Departments and Intensive Care Units in Europe, the U.K. and U.S.A.

LETTERS TO THE EDITOR

Sir,

Dr. Hiscock's letter (M.R. Sept. '67) is interesting, amusing, and beside the point.

It was never my intention to suggest that Council members are not 'based in the broadest possible way: but I would suggest that if their Statutes and Acts were words such as 'representative' these words should carry their usual meaning rather than one reserved for Council use. I am however, prepared to accept Dr. Hiscock's implication that he does not 'represent' the teaching staff other than professors who, with the deliberate exclusion of Teaching Fellows and Demonstrators, elected him.

Having obtained a copy of the 'Monash University Calendar' (not issued to teaching staff below the rank of lecturer) I discovered that the 19 sections and their accompanying 36 sub and sub-sub-sections, do little to support Dr. Hiscock's thesis that the non ex officio and non appointed members of the Council are anything but representatives. The directions pertaining to election of Council members would make a good grounding for a Federal political election.

In this rather dreary correspondence all I am suggesting is that some way might be found by which non lecturing Teaching Staff could express their views officially concerning the conduct of the University. I do not grudge my academic superiors their rights and prerogatives (nor their multi-coloured guernsies) nor would I diminish the rights of a floating student population to official representation but I feel that in a University particularism is as absurd as parochialism. To stipulate that a teacher must be a lecturer before he can vote for a member of Faculty or must be a registered Ph.D. or M.A. student before he can vote for a member of Council goes beyond the boundaries of absurdity.

In the great game of Chiefs and Indians why must the Teaching Fellows and Demonstrators always be the Squaws? Is this the University's recognition that they do most of the work?

Job Hawkes.

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LETTERS TO THE EDITOR (cont.)

Sir,

This is positively my last appearance in the Reporter !

I trust that you will find space for this letter as through it I wish to convey to all members of staff my appreciation of their unfailing kindness, courtesy and on occasion generosity during my stay here.

I am not a 'founding father' though often mistaken for a 'foundry grandfather', I only go back six years and in those years I have had the privelege and pleasure of meeting staff from all disciplines and branches of administration and have perhaps benefitted more than any other person on the campus from the 'universitas'. I am very conscious that my contribution to Monash has been small and somewhat unorthodox and that I leave heavily indebted to the University but I hope that I may repay some of this debt when I am settled in London by offering 'bed and breakfast' to any who will still remember me when they are on Sabbatical.

I would like to express my sincerest thanks to all of you who have borne with me for so long.

Job Hawkes.

Sir,

Oversubscribed ! Today, 11-10-'67, in fulfilment of my \$50 pledge to Freedom From Hunger, I sent off a cheque for \$80 received from staff members.

Receipts have been sent to all contributors and an overall list is available.

Thank you.

H.P. Schoenheimer.

GIFTS

Professor S.S. Dunn (Education) has received \$200 from Edward Dyason and Co. and \$100 from the Danks Trust as further donations towards the expenses of the research seminar on "Education for Aborigines".

The Consul General for the Federal Republic of Germany, with the assistance of the Goethe Institute in Munich, have agreed to establish an annual prize to be awarded to the students showing the greatest proficiency in German at the annual examination in his first year.

The following grants have been received for the Australian Journal of French Studies:

University of Melbourne	\$ 600
Péchiney	\$ 200
Société Le Carbone-Lorraine	\$ 50.86
CITRA Australia	\$ 100
Ugine Kahlmann, Paris	\$ 91.48
National Bank of Australasia	\$ 600
Banque Nationale de Paris	\$ 200
Banque Regionale d'Escompte et de Dépôts	\$ 50.86

Mr. P.G. Hiscock, holder of a Monash Undergraduate Scholarship, has given \$700, the equivalent of the annual stipend of the Monash Undergraduate Scholarship, to the Student Loan Fund Committee, to help students in necessitous circumstances by way of gift or loan.

\$1108.65 has been received from Total Oil Products (Australia) Ltd. being the annual grant to the Australian Journal of French Studies.

\$800 has been given to the Library from the Monash Parents Group.

STAFF ARRIVALS

Professor P.J. Fensham who holds the Ian Clunies Ross Chair of Education, and Professor R. Zimek, Visiting Professor in Russian, have taken up their appointments.

STAFF ARRIVALS (cont.)

Dr. A.G. Gough - Reader in History - graduated B.A. with first class honours in History in 1960 winning the R.G. Wilson scholarship and Dwight's prize from the University of Melbourne and his D.Phil. from the University of Oxford. Before coming to Monash, Dr. Gough was senior lecturer in the School of History, University of Warwick. U.K. His main research interest is in the field of 19th century French and Italian history, with particular emphasis on problems of Church and State. Dr. Gough is married with two children.

Dr. J.W. May - Senior Lecturer in Microbiology - graduated B.Sc. (1951) and M.Sc. (1956) from the University of Adelaide, where he was demonstrator from 1952 until 1958. In 1959, Dr. May was appointed lecturer in Microbiology at the University of Western Australia. His thesis for the Ph.D. was entitled "Microbial cell walls during growth and division". Dr. May recently spent nine months as Senior Visiting Fellow at Edinburgh University; his main research has been into cell growth and division and the population and biochemical genetics of *Staphylococcus aureus*. Dr. May is married with three children.

Dr. R.J. Fleming - Senior Lecturer in Physics - graduated B.Sc. from Queen's University, Belfast, in 1959, and was awarded the Ph.D. in 1962. After two years as assistant lecturer at Belfast, Dr. Fleming moved to the Physics Department of the Royal Military College of Science, U.K., where he was a senior lecturer. Dr. Fleming's main research interests have been in the fields of electron diffusion in gases, thermoluminescence, phosphorescence, and the general optical properties of the laser material, calcium fluoride. Dr. Fleming has had several papers published. He is married, with one child.

Dr. R.W. Hill - Senior Lecturer in Physics for one year - graduated B.A. (Oxford) in 1948, and was awarded his Ph.D. in 1952 after a period as research student at the Clarendon Laboratory. He has remained at the Clarendon Laboratory since then as research fellow and demonstrator. Before coming to Monash Dr. Hill was senior research

STAFF ARRIVALS (cont.)

officer in Physics, and fellow and tutor, Corpus Christi College, Oxford. Dr. Hill is married with four children.

Mr. J. Badcock - Lecturer in Electrical Engineering - graduated B.E. and M.Eng.Sc. from the University of Melbourne and is currently engaged in research for Ph.D. at Monash, as a CSIRO senior postgraduate student. Mr. Badcock was employed by the Department of Civil Aviation from 1964 to 1965; he has had teaching experience at both Melbourne and Monash Universities. His research interests are in communication theory and electronic circuit design. Mr. Badcock is single.

Dr. W.A. Murphy - Lecturer in Biochemistry - graduated B.Sc. (Hons.) at Adelaide University in 1956 and was awarded the Ph.D. degree by the A.N.U. in 1963. Since 1963 Dr. Murphy has held appointment as research fellow in the department of Physical Biochemistry at the A.N.U. His main research interest has been the general biochemistry of carbohydrate-protein complexes, especially the glycoproteins. Dr. Murphy is married with four children.

Dr. B.P. Leonard - Lecturer in Mathematics - graduated B. Mech. Eng. at the University of Melbourne in 1958, and Master of Aeronautical Engineering at Cornell in 1961; he gained a Ph.D. at Cornell in 1965. He taught for two years while at Cornell as teaching assistant and visiting assistant professor. During this year he was senior lecturer at the R.M.I.T. Dr. Leonard has published several articles, and his research at the moment is in the field of Electron Temperature and Joule heating effects in plasma shock waves. Dr. Leonard is married.

Mr. P. McDonell - Senior Teaching Fellow in Economics - graduated Bachelor of Economics at Monash (1964) and went to Oxford University on a Monash University Travelling Scholarship in 1965, to read for the degree of Bachelor of Philosophy in Economics.

HOUSES FOR SALE

The home is of timber construction and about 8 years old. It is approx. 17 building squares in addition to carport area for two cars. The dwelling comprises 4 bedrooms, large lounge room (37' x 12'), dining room, bathroom with shower recess, good kitchen and laundry, oil heating, etc. It is built on a very fine parcel of land containing over $\frac{3}{4}$ acre with a frontage of 127' to Gloucester Avenue, and with a selection of attractive trees and shrubs. The property can be subdivided or could be used for ideal flat development." Price \$21,000. Apply Mr. Whitelaw. Telephones: Berwick 234 and 400.

Mount Waverley. $2\frac{1}{2}$ year old Besser brick family home, 13.5 squares, boomerang shape. 3 double bedrooms, lounge-dining room. Large sunny kitchen with meal and utility areas. Tiled bathroom and shower, interior toilet. 70-gallon hot water service. Exterior walls insulated. Wall to wall carpets and drapes six months old. Vulcan oil burner, Whirlpool self-lighting gas stove with rotisserie, double-bowl stainless steel sink, telephone. Established gardens and lawns. Shops, pre-school, primary and high schools close by. Detailed description and floor plan available on request. Available January 1968. Price: \$16,000 or near offer. Contact. W.T. Ward, CSIRO, 'phone 232-6111 or 37 Walker Road, Mount Waverley, 'phone 232-3698.

Moorabbin. Solid Brick, 3 bedrooms, lounge, D.D. diningrm., kitchen, bathroom, sep. shower room, 2 internal toilets, sewerred, garage, close to all facilities, quiet street. \$13,500. ext. 2440. At home 95-1190.

Rowville. Two years old, sixteen square, split level besser brick veneer. Large lounge (24' x 14') open fire plus oil heater, large luxurious kitchen, three bedrooms, study. Curtains, blinds, floor coverings, etc. included. 82' frontage on high sloping block, garden well established, magnificent views. 5-10 minutes drive from Monash. \$14,500. Contact Mr. D.I. Allen, ext. 2931 or 795-2263.

HOUSES TO LET

Eight room unfurnished house in Toorak. 'phone 24.2684.

Clayton. Large furnished house, two storeys, on North Road, 700 yds from Monash. 3 bedrooms, living-room, rumpus room, modern kitchen, EHWS, mains sewerage, double garage, well-grown garden, children's sand-pit. Owner on leave from 1-12-67 'til 1-9-68. \$88 per month. 'phone 2202 or 544-6146.

Furnished 3 bedrm. B.V. house with study, large lounge, dining and sun rooms. W to W carpet. BI robes. Telephone. HWS, WM, septic sewerage, and garage. Available 1st February '68 to December 31st '68. 30 mins. by car from Monash at Seaford - few mins. from beach, primary school and kindergarten. Ring 783-1544 AH. or contact P. Botsman, Department of English.

WANTED TO RENT

American research worker and family (three teenage children) require furnished accommodation for thirteen months from mid-December 1967, convenient to Monash with some preference for Blackburn area. Contact Professor P.J. Fensham, ext. 2870 or 87-3333 (home.)

CARS FOR SALE

1961 Model VW. \$700. White duco, radio, very good condition. Has had \$200 spent on it over the past three months - including valve grind, new king and link pins, brake relining. Contact G. Fitzgerald ext. 2427.

Morris Mini 850, '62 model. Good running order, 8 months registration, excellent tyres, seat belts, weather shield and crash bar. \$650 or offer. See or 'phone Roy Schrieke, Chemistry Department, ext. 2729 or Howitt Hall, 544-1433.

LAND FOR SALE

Acre site on corner; Rowville. 12 mins. from Monash. Trees, views, 'phone, S.E.C. Variegated academics on estate. Water now definite for 1968. \$5,500. 'Phone 439-9921 or extension 2306. Mr. H. Schoenheimer.

FOR IMMEDIATE SALE

Valiant Sedan: Automatic (1964), two careful owners, meticulously serviced (logbook kept). 27,000 miles, 4 tyres recently retreaded, brakes just relined, brand new battery, licenced from November. \$1,650. ono.

Philips TV: 23 inch screen, two years old. \$120 ono.

Hotpoint Washer: Twin tub, filter-clean, about 6 pounds capacity, \$70 ono.

General Electric Refrigerator: Thin wall, 11 cubic feet, \$100 ono.

President Refrigerator: about 10 cubic feet, \$40 ono.

Hoover Vacuum Cleaner and Floor Polisher: \$25 for pair. ono.

Brownbuilt Vertical Clothesdrier: (with fan), almost brand new, \$30 ono.

Garden: Furniture, tools, other furniture, two bicycles (one lady's and one child's), etc.

Contact A. Roberts, 'phone 2295 or home 25-6963.

TRANSPORT WANTED

A return lift from Frankston to Monash, office hours, Monday to Friday. Contact Dianne Mollard, Library ext. 2683 or Sue Green, Classical Studies. ext. 2415.

A return lift from North Balwyn to Monash, office hours, Monday to Friday. Ring Margaret Pratt, Library, 2683.

Copy for the November edition of the Reporter, which will be the last for 1967, closes on Friday, 17th November.