

RHODES NEWSLETTER



OLD RHODIAN UNION

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Chairman, Chris Wortham and Secretary, Dilly ffolliott, were Host and Hostess for the students' **Jubilee Arts and Science Festival** when a reception was given in honour of Mr. and Mrs. H. C. Koch and other official guests. L. to R., Dr. Hyslop, Vice-Chancellor, Mrs. Koch, Mr. H. C. Koch, Mrs. Cloete, Mr. Justice J. D. Cloete, Chairman of Council, Chris Wortham, Dilly ffolliott, Mr. A. T. Culwick, Prof. E. S. W. Simpson and Fr. M. T. Sweet.

Arts and Science Festival

ARTS and Science Week has now become one of the main contributions to the festivities of the academic year. Co-ordinated with the September 1820 Settlers Week in Grahamstown, but organised entirely by a student committee this year it offered a series of lectures by eminent guests, dramatic productions in Afrikaans and English, an evening of music sponsored by the Rhodes Chamber Choir and exhibitions by the Art and Cultural Societies of the University and by the various departments of Science. It was an occasion for whole-hearted co-operation by staff and students with the latter holding the reins and enjoying the freedom of showmanship. Festivities culminated in a Costume Ball which centred round the theme of the *Rubaiyat of Omar Khayyam*. Without any manipulation of the calendar it happened that the following day was the 12th September and the traditional Memorial Service, Founders' Lunch and rugby match were followed by Founders' Ball.

The **Official Opening** was performed by **Mr. H. C. Koch**, a Rhodian now eminent in the mining industry, having twice been President of the Chamber of Mines. He is also a member of the Atomic Energy Board and Registrar for the Diocese of Johannesburg. In introducing him the Vice-Chancellor announced that the Chamber of Mines had doubled their current grant to the University. The enthusiastic applause left no doubt what the gesture meant to the alumni and students, for the flaming torch held against a dark background, which was the symbol chosen for this festival, significantly underlines the spirit of Rhodes University and the high standard of academic life it strives to attain despite certain forces which appear to throw shadows in its image.

It was with acute interest therefore that Mr. Koch's audience listened to his analysis of the problem of financing higher education. Having considered the income from fees and state support he turned to the financial strongholds of industry whose business was the making of money. Assaults on these citadels of finance, to be successful, would have to overcome the high degree of cost-consciousness which made financiers think twice before giving to universities. The aim was to convince big business that it stands or falls on the state of the community as a whole, that the state of the community hinges on its standard of civilisation and that civilisation is virtually synonymous with education.

Progress and Production

In the permanent expansion of its teaching programme within the present framework of its Charter, Rhodes University seeks to provide a high standard of personal tuition to its students. There is a far closer association between staff and parents, in consultation with their sons and daughters here at Rhodes than at many other institutions. This background gives a student confidence in approaching members of staff in discussing academic and personal problems. Staff members of the residences, if not actively engaged in teaching, are represented on Senate and have an intimate knowledge of university affairs which enables them to direct the problems presented by students into suitable channels for solution.

For its population Rhodes has a larger number of cultural societies than any other university in the country. Such societies, with committee members drawn from both staff and students, quickly absorb novices and inconspicuously impart to them an understanding of committee procedure, debate, co-operation and decisive action. Graduates of the University, assisted by this background, are rapidly absorbed in educational, commercial, professional and technical employment. It is therefore with gratitude that the personnel of the University receives news of the further support given by the **South African Iron and Steel Industrial Corporation** and the **Chamber of Mines**, both having substantially increased their grants to Rhodes University this year. The **Ford Motor Company of South Africa** has also made a notable donation which swells the total of new promises and gifts by other donors during 1964.

The **Institute for the Study of English in Africa**, whose establishment was announced by the Vice-Chancellor during our Jubilee celebrations, has got off to a flying start. Council having agreed in principle to allow appeals for approved special projects, Professor Butler approached the English speaking press — a section of the economy which might rightly be regarded as having a special interest in the aims of the Institute. Generous donations have come from the **Argus Group**, **South African Associated Newspapers**, the **East London Daily Dispatch**, **The Eastern Province Newspapers** and the **Chairman's Fund of the Anglo American Corporation**. The Institute's Board of Management, appointed by Senate, has elected Professor Butler as Chairman, and Dr. Branford as Secretary and Director of the Institute. The first venture of the Institute was a course for teachers of English in the Senior School (see p. 4).

'n Antigone met Klassieke Simmetrie

Die enigste vollengte drama wat vanjaar deur Rhodes aangebied is, was die Afrikaanse verwerking van Sophokles se *Antigone* wat gedurende die Kunsweek opgevoer is. Net soos verlede jaar met *Mariken van Nijmegen*, het prof. **Rob Antonissen** — vanjaar bygestaan deur **mev. Janet Maree** — getoon hoe verbasend veel bereik kan word met spelers wat byna deur die bank onervare is en in verskeie gevalle nie eens Afrikaanssprekend nie.

Veral die eenvoud van die aanbieding en die egalige, noodlottige vloei van die handeling was treffend. Die pragtige groepering van die koor in die eerste helfte, die besondere kostuums (die werk van **mev. Cosette Smuts**), die oordeelkundige en betekenisvolle gebruik van die groot trap, het alles bygedra tot die slotindruk van, 'n opvoering van gehalte.

Ondanks die irritasie van nimmereindigende klein handbeweginkies en houdinkies wat soms afbreuk gedoen het aan die somber skoonheid van Sophokles se woorde, is die groot patrone van die handeling tog duidelik blootgelê. **Suna Preller** kon weliswaar nie die subtiële geskakeerdheid van die Antigone-rol tot uiting bring nie, maar met volgehoue waardigheid het sy die karakter se fiere onverstoorbaarheid weergegee. **Attie Maree** het as Kreon met oomblikke van besonder sterk spel vorendag gekom (stellig die beste wat nog van hom gesien is), hoewel hy veral in die groot herkennistoneel nie bo blote geweeklaag kon uitstyg tot die tragiese nie. Die moeilike taak van die hantering van koorpasasies is voortreflik vervul; en die spel van die leier, **Ben Dekker**, was deurgaans indrukwekkend en soms selfs groots. **Felicity Laubscher** (Eurudike) se alte kort verskyning op die verhoog was 'n hoogtepunt. Van die ander spelers kan vermeld word: die kragtige optrede van **Robert Kraft** as Bode; die besondere reliëf wat **Dirk Pretorius** (die Wag) ondanks die beperkings van sy kort „rokkie” aan die stuk verskaf het; die mooi belofte in die spel van **Rike Antonissen** (Ismene), in weerwil van 'n effense neiging tot affektasie; en die skitterende vertoning van **Tinus du Preez** as Teiresias.



(Hepburn & Jeanes)

Ismene, Antigone, Kreon en Bode.

Die Koor.

(Hepburn & Jeanes)



UNIVERSITY AMBASSADORS



(E.P. Herald)

Prof. R. Antonissen

BELGIE

Van 9 tot 13 September het prof. **R. K. J. E. Antonissen** op amptelike uitnodiging deur die Nederlandse en Belgiese instansies aan die tweede driejaarlikse Colloquium van Buitelandse Dosente in die Nederlandse Taal- en Letterkunde te Brussel deelgeneem. Die Colloquium is bygewoon deur 'n vyftigtal professore en lektore uit agtien verskillende lande en uit alle wêrelddele. In verband met die jongste uitgawe van die Suid-Afrikaanse Akademie se *Afrikaanse Woordelys en Spelreëls*, vroeër vanjaar, en die onlangse aanstelling van 'n nuwe Kommissie vir die vereenvoudiging van die Nederlandse spelling, het prof. Antonissen 'n referaat gewy aan „Vergelykende beskouinge oor die twee spellingstelsels”. As gevolg hiervan het die Colloquium op sy slotvergadering twee resolusies aangeneem wat soos volg lui:

(i) die Nederlands-Belgiese en Suid-Afrikaanse spelling kommissies behoort voortaan in onderlinge verstandhouding te werk en moet geen verdere spellingwysigings invoer sonder

wedersydse oorlegpleging nie;

(ii) albei spellingkommissies moet alles in hul vermoë doen om eenvormigheid tussen die twee spellingstelsels te handhaaf en/of te bevorder, sover die onderskeie taalsisteme sulks toelaat.

Hierdie resolusies word tans deur die Nederlandse en Belgiese ministeries van onderwys in Den Haag en Brussel in oorweging geneem.

ITALY

Professor **J. A. Gledhill** was elected by the C.S.I.R. to represent South Africa at the annual conference of the International Committee on Space Research (COSPAR), which was held in Florence during May. Over 30 nations were represented and the latest developments in space research were discussed. He read a paper by himself and **Mr. H. O. van Rooyen** (Rhodes Physics Department) on the South Atlantic Ionosphere Anomaly.

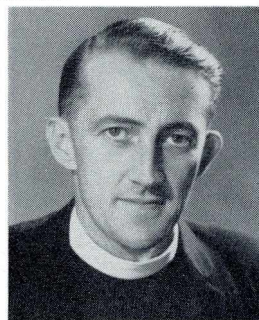
UNITED STATES

Professor **Hugh Chapman** has been awarded a Carnegie Travel Grant and will be leaving for America in June next year with his wife. They will be travelling via Italy and the United Kingdom where they look forward to visiting Dr. and Mrs. Alty in Birmingham. As the only Dean of Students (so-called) in South Africa he intends to see what American Deans do, and will be examining their methods of admission, the orientation of new students, and student amenities, discipline and counselling. He will be visiting at least a dozen universities such as Princeton, Stanford, Mount Holyoke, Swarthmore and the “ivy-leaf” colleges.

Professor **James Irving** and his wife are on a six months tour of the United States, where he has been invited to lecture at the Universities of Indiana, Illinois and North Carolina. He will also make a study of the Negro question in the Southern States.

DENMARK

Professor **Peter Hinchliff** was South African representative for the Church of the Province at the triennial conference of the World Council of Churches held in Aarhus, Denmark. He was elected a member of the Faith and Order Commission dealing with doctrinal differences between churches.



Prof. P. B. Hinchliff

UNITED KINGDOM

Professor **Hobart Houghton** and his wife leave for England at the beginning of December. He has a British Council Scholarship for the Interchange of Scholars and has been invited to lecture on aspects of South African economic development by the Faculty of Economics, Cambridge and by the London School of Economics.

AUSTRIA

Professor **E. G. Prout** will be attending the international sym-

posium on “Chemical Effects Associated with Nuclear Reactions and Radioactivity”. Organised by the International Atomic Energy Agency it will be held in Vienna in December this year.

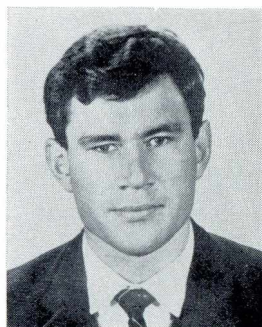
Solids and Plastics

Professor **E. G. Prout's** research group, using X-rays to study the effects of gamma- and particle-irradiation on the physical and chemical properties of solids, has been very active during the year. Papers have appeared in the scientific literature by Prof. Prout in collaboration with **D. J. Moore** on nickel oxalate and barium azide, with **G. S. Woods** on silver permanganate and with **M. E. Brown** on single crystals of potassium permanganate. Prof. Prout reviewed the subject in a paper read at the National Conference on Nuclear Energy in Pretoria.

In the inorganic chemistry section, **Dr. D. A. Thornton's** interest lies in organometalloid compounds of phosphorus and arsenic. He has published a new method for the synthesis of cyclic arsenic compounds. Besides their purely academic interest, the arsenic compounds may have therapeutic value and it is hoped also that arsenic-containing polymers may be devised which have high stability at elevated temperatures. Such plastics are eagerly sought as adhesives in the aircraft industry and as surface coatings for nose cones of space vehicles in order to protect them from very high frictional temperatures (about 8000°F) generated when they re-enter the earth's atmosphere.

RHODIAN LAURELS

(Photographs with acknowledgements to Evening Post, G. Walters and Tobias Studio)



Errol Moorcroft



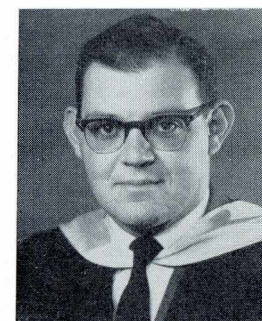
Sheila Speedy



Valentine Gatrell



Mary-Helen Moodie



Ivan Zarenda

Errol Moorcroft who has completed an Honours Degree in Social Anthropology has been awarded a Travel Bursary by the Abe Bailey Trust.

Sheila Speedy who last year went to study library science at the University of Michigan with a scholarship from the International Institute of Education, has returned to the Cory Librarianship having completed her A.M.L.S.

Richard Savage who graduated in Commerce and holds the Certificate of Theory of Accountancy has been awarded a post-graduate bursary by the S.A. Mutual Life Assurance Society.

Valentine Gatrell (Vic) holder of an Elsie Ballot Scholarship which was renewed for a second year, gained a Cambridge Tripos with first-class honours and has been awarded the Strathcona Scholarship at St. John's College where he is reading for his Ph.D. in History.

Neil Harvey is going to the University of Indiana, to study business administration. He has won an Institute of International Education Scholarship.

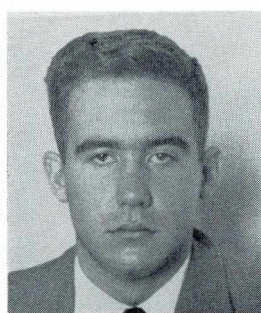
Mary-Helen Moodie was awarded a scholarship by the Deutscher Akademischer Austauschdienst and is now at the University of Tübingen where she has started work on some aspects of German criticism of Shakespeare.

Ivan Zarenda who won a National Scholarship and went to the University of Michigan to study industrial pharmacy, has now been awarded a scholarship by the Institute of International Education.

David Woods who was awarded a Natal Rhodes Scholarship, having gained first-class Honours in Botany at Rhodes, is doing research on the Killer Factor in Yeast at Oxford. He is captain of the Oxford and Cambridge Squash Team.

Glen L. Taylor has recently completed his doctoral thesis on "Association Effects in Anionic Polymerisation of Isoprene" at the University of Akron and has won the Rubber Age Award at the Universities Institute for Rubber Research.

Dunbar Moodie who boxed for his College while at St. Edmunds Theological School, Oxford, has been awarded a Fellowship at Harvard University. He will read for his Ph.D. thesis on Sociology in Religion.



David Woods



Glen Taylor



John Frye

Michael Chapman, who was awarded an Ernest Oppenheimer Trust Scholarship, is now in his final year reading Jurisprudence at University College, Oxford. He gained a half-blue for athletics.

Eve Gray, an English Honours student, won the national competition commemorating the quartercentenary of Shakespeare's birth. Her entry for the "Toast to Shakespeare" has earned her a two weeks holiday in Britain.

Johann Maree has been studying Mathematics and Physics at Berne University. He was awarded a scholarship by the Swiss Government through the Dept. of Education, Arts and Science.

Anthony E. Voss has been awarded a scholarship to an American University under the International Education Exchange Programme. He has been lecturing in the English Department at Port Elizabeth and Grahamstown and will be remembered for his acting in "Everyman".

Philip Martin is working on medical fungi in the Bacteriological Dept., University of Alberta, having been awarded a post-doctoral fellowship.

James Moulder, at present Secretary to the Christian Institute, will be continuing his studies in the United Kingdom with the award of a World Council of Churches Scholarship.

Ella Dale has won a British Council Scholarship and will be studying mediaeval English under Prof. McIntyre at Edinburgh University.

Keith Hunt has returned from the School of African and Oriental Studies, London, where he was doing research on Sir Lowry Cole, having won a British Council Scholarship. He has resumed his duties as Lecturer in History.

John Frye at present assisting in the Department of History has been awarded an Abe Bailey Trust Travel Bursary.

Richard Wood of Salisbury won a Commonwealth Scholarship and also an Ernest Oppenheimer Fellowship. He has gone to Edinburgh University to do research in Scottish History.

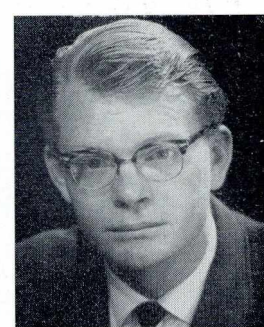
Basil Moore, who was awarded a World Council of Churches Scholarship, is returning to Rhodes to take up a newly founded post-graduate scholarship in the Dept. of Divinity, and will be lecturing in Dogmatics as part of his duties.



Michael Chapman



Eve Gray



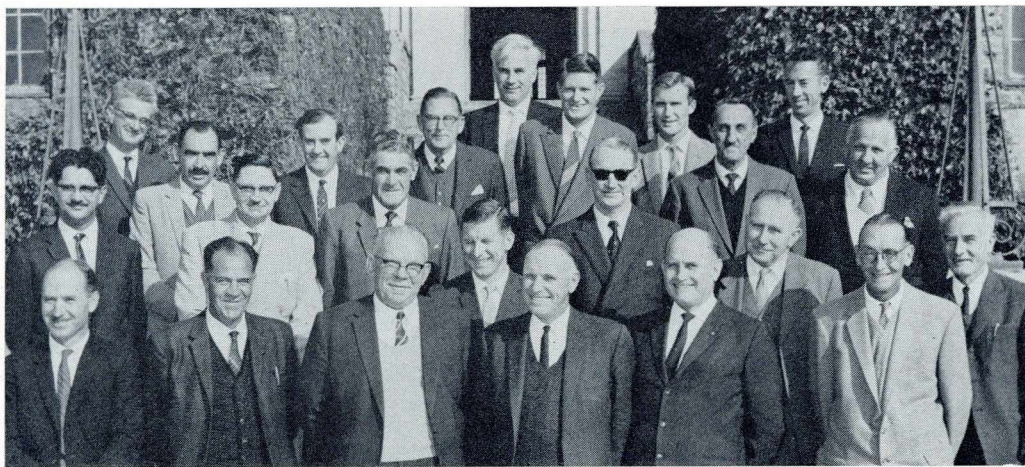
Anthony Voss



Ella Dale



Keith Hunt



(HEPBURN & JEANES)

Agriculture: The Advisory Committee to the Eastern Cape Region of the Department of Agricultural and Technical Services.

L. to R. Front: J. S. Starke, J. J. Kotze, T. Mostert (Chief of the E.C. Region, Chairman), J. M. Hyslop (Vice-Chancellor), J. M. de Wet, C. W. Matthews. Middle: L. J. van Lelyveld, D. P. Veldsman, H. D. de Wet, Secretary, C. Bennett, E. J. v.d. Horst, E. S. Twyman. Back: J. R. Nunn, G. M. Ferreira, J. A. Gledhill, S. G. Shuttleworth, B. P. Allanson, W. Waugh, D. Bradfield, J. Norton, Mr. Birch, L. W. Rossiter.



(HEPBURN & JEANES)

PHYSICS: L. to R.: Dr. A. Strasheim (N.P.R.L.), G. T. Winch (N.P.L. London), Dr. E. C. Halliday (N.P.R.L.), Dr. E. Kemeny (N.P.R.L.), Prof. C. B. van Wyk (U.O.F.S.), G. Gruber (Rhodes), Dr. T. Hugo (N.P.R.L.)



(HEPBURN & JEANES)

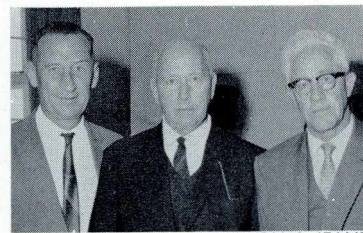
MATHEMATICS: L. to R.: Dr. J. M. Hyslop, Dr. L. D. Nel (Cape Town), Dr. H. J. Schutte (Potch.), Mrs. Hyslop, Prof. J. H. v.d. Merwe (U. of S.A.), Prof. K. O. Househam (U.C.T.), Dr. D. H. Wiid (U. of S.A.).



(EVENING POST)

STUDENTS: A conference of Chairmen of Students Representative Councils. L. to R.: A. Luckhoff (Stell.), G. van Reenen (U.O.V.S.), M. Bands (Rhodes), S. du Plessis (Potch.).

Some Conferences Held At Rhodes



(HEPBURN & JEANES)

ENGLISH: Inspectors of Cape Education Department, J. D. van Graan (Left) and G. J. Venter, with Chief Inspector Bruce Gordon (Centre).

English

The Conference on English in the Senior School (21st-25th September) was the first official activity of the Institute for the Study of English in Africa. There were about 150 delegates from all parts of the Republic, though most were teachers in the service of the Cape Education Department, whose generous subsidy made the Conference possible.

Teachers in senior schools, educational administrators and university staff were able to share a broad overview of one another's problems, and in particular the difficulties, responsibilities and opportunities of the Afrikaans-speaking teacher of English.

Among the guest speakers were Mr. Bruce Gordon, Chief Inspector Cape Education Department; Mr. D. J. Liebenberg, the retiring Superintendent-General; Mr. G. Hosking of the Natal Department of Education; Mr. David Horner, a well-known Durban actor and teacher of speech; and Mr. A. G. Woodward, University of Cape Town.

Many letters of appreciation have been received from delegates, and special thanks are due to Professor J. J. Gerber and to the hostel wardens and staff who took care of so much of the administrative work.

Three of the Conference papers:—The Social Context of English in South Africa (Prof. L. W. Lanham, Witwatersrand), The Training of Teachers of English (Dr. P. McMagh, Stellenbosch), and Teaching a Poem (Mr. G. M. Walker, Rhodes)—are due to be circulated as the first issue of the Proceedings of the Institute.



(HEPBURN & JEANES)

ENGLISH: (left) Retiring Superintendent-General of Education, Cape, D. J. Liebenberg with British Cultural Attache, R. T. Butlin.

PHYSICS

The South African Institute of Physics held its Ninth Annual Conference in the Physics Department from July 6th to 8th. Over 100 of South Africa's leading physicists and their wives attended and papers were read covering all aspects of research. An innovation this year was that interested science teachers were invited to take part and special papers relating to the teaching of physics were presented. Some education departments were represented by their inspectors and about 30 teachers attended. As a result it is likely that in future years a closer contact will be established between teachers and the institute. A public lecture to commemorate the 400th anniversary of the birth of Galileo Galilei was given by Prof. J. A. Gledhill, who showed a selection of coloured slides he had taken during his visit to Florence in May. Delegates were accommodated in University residences and were enthusiastic about Rhodes as a conference centre. Much of the credit for this goes to the wardens and catering supervisor concerned and to Mr. Georg Gruber who played a large part in organising this most successful conference.

Mathematics

During the latter part of October, the Annual Congress of the South African Mathematical Association was held at Rhodes University for the first time. At a special session of the meeting Prof. S. E. Cruise gave a review of the new mathematical syllabuses which have been tested in England and America. It was announced that in conjunction with the National Bureau for Educational and Social Research a number of committees had been set up to draft new syllabuses and write new text books on mathematics.

SOME DISTINGUISHED VISITORS

Space Science

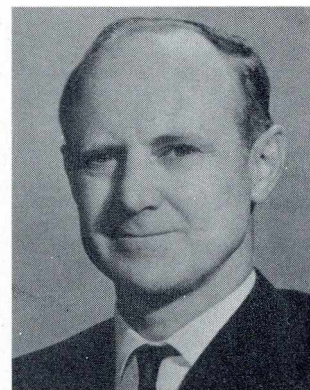


Dr. Frank Hewitt

Dr. Pickering's Team at J.P.L. was responsible for putting the first U.S. Satellite, Explorer I, into orbit in 1958 and for the highly successful probes Mariner II to Venus and Ranger VII to the moon, among many others. Dr. Pickering gave an informal talk on the guidance of these space vehicles and showed a film taken by Ranger VII as it approached the moon. The startling

Dr. Frank Hewitt, who took his Master's Degree in Physics at Rhodes, has been appointed Vice-President of the Council for Scientific and Industrial Research. He was previously Director of the National Institute for Telecommunications Research, which has become one of the most successful of the C.S.I.R. Institutes under his capable guidance. The Institute operates the well-known Space Radio Research Station at Hartebeeshoek, near Krugersdorp, on behalf of the Jet Propulsion Laboratory of the California Institute of Technology under a contract from the U.S. National Aeronautic and Space Administration.

As this year's President of the South African Institute of Electrical Engineers, Dr. Hewitt invited the Director of the Jet Propulsion Laboratory, **Dr. William Pickering**, to South Africa and brought him to Rhodes in the course of a tour in the Republic, together with J.P.L.'s representative at Hartebeeshoek, Mr. Paul Jones, and their wives. A New Zealander by birth, Dr. Pickering has been associated with space research since its inception after World War II.



Dr. William Pickering

clarity of the pictures and the sense of awe as details never before seen came into view will not soon be forgotten by the large audience which attended the talk. The party visited the Radio Astronomy Field Station operated by the Rhodes Physics Department at Stone's Hill and enjoyed a picnic tea as a break from more formal duties.



(EVENING POST)

(Left) Mr. M. Garnier and Professor Delloue.

(Right) Professor van Selms

(EVENING POST)

Ah, you have many problems!

As a result of approaches made to Prof. J. A. Gledhill during his recent visits to Tokyo and Florence, the Rhodes Physics Department is collaborating in a number of radio research projects with French workers in this field. **Professor J. Delloue**, of the Department of Physics at the University of Paris, and his assistant, **M. Garnier**, were the first to set up their equipment. They are studying the propagation of very low frequency radio waves along the lines of force of the earth's magnetic field. Grahamstown is fortunately situated close to the line of force which passes through Paris at its northern end. Within a week of their arrival on July 7th, Prof. Delloue and M. Garnier had their equipment set up at the Physics Department's Field Station at Stone's Hill and shortly afterwards received their first signals *via* the line of force. They have since returned to France, leaving behind much equipment to be operated by a Rhodes Physics student, **Mr. A. J. Fletcher**, and a number of new exclamations used by Rhodes Physicists, such as "Ah, you have many problems!"

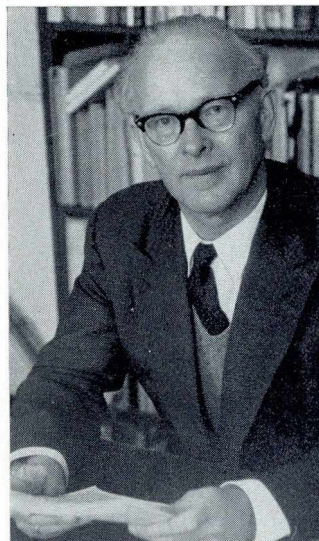
Ecclesiastical History

Dr. W. H. C. Frend, Fellow of Conville and Caius College, Cambridge, spent four months at Rhodes in the Course of 1964. The British Council sponsored his visit and Dr. Frend gave a course of lectures on Ecclesiastical History in the Divinity Department. He also gave several public lectures, one of which described the archaeological expedition to Egypt from which he had just returned. Dr. Frend is an expert on Christianity in North Africa in the Roman Empire and has written a standard work in that field, *The Donatist Church*. Dr. Frend also delivered the Peter Ainslie Memorial Lecture on Christian Unity. He described some historical and geographical barriers which in his opinion had disrupted the early Church, and he prophesied that the



Dr. W. Frend

solution of some of these problems would be found in our jet age when personal contacts are so much more easily made.



A NEW COURSE

A two year course leading to a Lower Diploma in Librarianship will be introduced at the beginning of 1965. The first year, open to matriculated students, will consist of four selected first year B.A. subjects, and the second year will be devoted to lectures and practical training in the professional subjects.

This diploma is intended to help overcome the perennial shortage of librarians in the junior professional grades, and to take the place of the now defunct Intermediate Certificate of the South African Library Association. The Higher (Graduate) Diploma in Librarianship will, it is hoped, be offered by 1967.

Although the Rhodes Library has been a training ground in the past for a number of certificated librarians, this will be the first regular course in librarianship to be offered in the University, or indeed in the Eastern Cape. A leaflet giving further information about it may be obtained from the University Librarian, P.O. Box 184, Grahamstown.

WHAT PRICE FREEDOM?

The visit of **Professor van Selms** was organised by the SRC Academic Freedom Committee. Professor van Selms took his doctorate at Utrecht University, then entered the Dutch Church which he served for seven years before coming to South Africa in 1938 as a Lecturer in Semitic Languages. When war broke out he returned to Holland to fight for his country. He served in the Indies where he held the rank of Captain but was captured by the Japanese and was imprisoned by them in a concentration camp for three and a half years. After the war he returned to South Africa and became a Professor of Semitic Languages at the University of Pretoria in 1948.

In his address "What Price Academic Freedom?" he stressed the need for independent thought "How one longs for at least ten angry young men among one's students!" He placed high value in the moral courage of the academic teacher who should be constantly self-critical, resistant to outside pressure and free of ecclesiastical dogma. In his opinion academic authorities should take the conscience clause very seriously and recognise it as implicitly valid; non-conformists might be regarded as the salt of the university but nevertheless tolerance imposes on us the obligation to tolerate anything but intolerance. Professor van Selms concluded "being called to be free men, follow your calling, many things may happen to you. But even if you should be deprived of your outward liberty, you will be freer than your jailers, and also of you it may be said:

"angels that soar on high know not such liberty".

Professor van Selms was given a tremendous standing ovation for what was considered by many as one of the most inspiring addresses delivered at Rhodes University for many years.

TOP FLIGHT

(Left) **The Hon. Ian D. Smith**, now Prime Minister of Southern Rhodesia, at home with his family, gives the impression here of a typical English squire. Such traditions are not easily laid aside and his sincerity of purpose in fighting for the good of his "estate" is clear. To some he has now become symbolic of a new spirit of independence, working for the betterment of all without hastily casting away the responsibilities of inheritance to implement ideological principles. On his recent visit to South Africa to study economic housing schemes for his people, he renewed friendships formed when he studied for his B.Com. at Rhodes, and impressed all by his ability to be informal and obtain at first hand the facts he was looking for.

(Below) **Air Vice-Marshal Peter C. Fletcher** at home with his daughters Elizabeth (left) and Anne. Of a Southern Rhodesian family, he studied law at Rhodes where he met his future wife, Grahamstown born Marjorie Kotze, who did her B.A. at Rhodes. In 1938 he joined the Southern Rhodesian Air Force and served in the Middle and Far East during the war. He became RAF Air Attache to Norway and in 1956 Director of the Imperial Defence Staff College in London. Having been made Director of Operational Requirements in 1961, he was appointed Air Vice-Marshal on January 7th, this year and proceeded on a world tour, including Commonwealth countries such as Rhodesia, in preparation for his appointment as Assistant Chief of Staff (Policy and Plans) which took place in April.



CO-OPERATIVE MUSIC-MAKING

TO catalogue the public performances given by members of the Music Department during the last four months would require more space than is available here. National broadcasts and personal appearances in the largest cities and smaller towns have kept its members on the move during vacations and between term-time teaching. The individual effort has been allied to a co-operative effort, directed by the head of the department, that has made music that "not only gives joy to those who participate in it, but also contrives to give joy to those fortunate enough to hear it."

To refer briefly to the Annual Concert only, three new developments in the department may be noted. The Grahamstown Children's Choir gave its first performance and was ably conducted by Brigitte Kurth, who also arranged the main item — Little Christmas Cantate — accompanied by recorders, violoncello and harpsichord.

The Rhodes Chamber Orchestra also made its first appearance and the conductor was a second year student Geoffrey Smith. This orchestra, under an experienced baton and with a leading artist, could make possible an operatic production which now seems to be the natural line of development for the Rhodes School of Music.

Without doubt the main interest of the concert lay in the very high quality of the operatic extracts from *The Magic Flute*, *Rigoletto* and *Die Fledermaus*. The perfection of ensemble singing achieved made it evident that this is the particular gift of our musical director. The eight performers have had their voices trained and 'built' by the careful observation and technical skill of their teacher. Most students can only benefit from this training for three, possibly four years — a few have been more fortunate and are showing a range and smoothness of tone that is highly satisfying. Brought together under the inspiration of Professor Gruber's conducting, they gripped the attention of the audience with their presentation of these operatic classics.



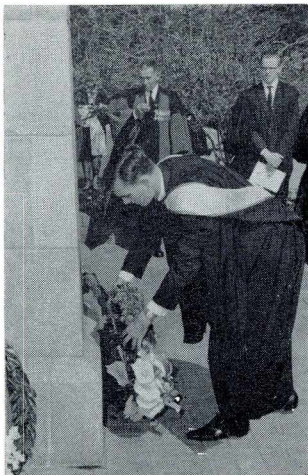
(E.P. HERALD)



(E.P. HERALD)

(Below)

**Founders Day, 1964
Rhodes University**



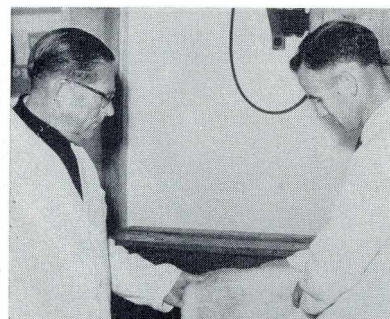
(Above) **Lieutenant-General J. M. Keevy**, who is now South Africa's Commissioner of Police, completed a Bachelor of Arts degree at Rhodes and then started his career in the police force as a constable in the Transvaal. Both his predecessors in office were members of the C.I.D., but his rise as a uniformed branch officer to the rank of Commissioner continues an earlier tradition of the service.

FOUNDERS CELEBRATIONS, 1964.

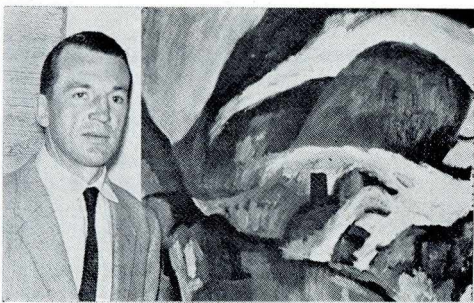
Gatherings of Rhodians to commemorate Founders Day took place in several centres. The Vice Chancellor, Dr. Hyslop, arranged to be present at the Port Elizabeth dinner on 11th September, under the Chairmanship of Ken Dimbleby, and at the Cape Town cocktail party, where V. C. H. R. Brereton was re-elected Chairman. In Johannesburg there were about 150 O.R.s and their wives or husbands present. Prof. Hugh Chapman gave a witty address and much interest was shown in the 'itinerant exhibition' of historical photographs prepared by the University Library staff for such occasions. At East London a small but intensely keen group met at Bonza Bay Hotel with Mrs. Myra Church (Beadle) as hostess and J. C. McConnachie as Chairman. For the benefit of Rhodians new to these centres the 'corresponding' members are:—

N. Meyer, P.O. Box 509, Port Elizabeth
K. B. Dickinson, East London
V. C. H. Brereton, Cape Town
B. Sutherland, Johannesburg

MEDICAL SHEEPSKINS



A recent development in South Africa is the production of Medical Sheepskins for use in Hospitals for bedridden patients. A special tannage to enable these sheepskins to stand up to repeated laundering has been developed by Dr. Shuttleworth and Mr. Williams Wynn of the Leather Industries Research Institute. (See above).



Professor Bradshaw with one of his paintings which was exhibited at his one-man show in Johannesburg in October.

ART SCHOOL

THE success of Rhodes Art Students in having their pictures accepted for exhibition in various centres of the Republic is most encouraging for the future. At a recent exhibition in East London, seventeen works by Rhodians were shown. A landscape by **Patricia Wood** won the cup for the best painting submitted, while a self-portrait by **Hilary Graham** and a figure study by **R. Brooks** were the only two highly commended exhibits. Miss Wood will be proceeding overseas for post-graduate work at schools in France, Germany and England.

Professor Bradshaw visualises the Rhodes School as a centre of indigenous painting, drawing inspiration from the rural surroundings. Interpretations of topographical forms, and particularly portraits of living things such as bush, branch and flower forms, now to be seen at the Art School, are being executed in a strong vigorous style. The forthcoming exhibition which has been arranged by Professor Bradshaw in Gallery 101, Johannesburg, will be a testing ground for our students. It will be a professional exhibition by the Grahamstown Group of Painters and will show about 40 works by staff and students of Rhodes University and their associates.

The Case for a Faculty of Agriculture.

IN October a memorandum was published on Training and Research in Agriculture and Veterinary Science at Rhodes University. Running to some 70 pages, it was prepared by the Vice-Principal, **Professor J. V. L. Rennie**, with a view to enlisting public support for the institution of the two faculties at Rhodes. In the Memorandum the history of past efforts to obtain government consent for these faculties is traced. It includes an account of agricultural research carried out at the University, as well as a presentation of the case for these faculties.

It is not generally recognised that Rhodes was the first university institution in South Africa to take an interest in agriculture and veterinary science. Prior to 1910 the College Council had not only approached the Cape Government for a Chair in Agriculture, but had also introduced a course in Agricultural Geology, had run two intensive vacation courses in agricultural and veterinary subjects and had encouraged **Professor J. E. Duerden** to commence his ostrich research.

These activities set the pattern that has been followed ever since, leading to the introduction of Entomology as a Science major, to the foundation of the Leather and Wool Institutes, and to distinguished research in various fields. For reasons beyond the control of Rhodes, however, the two faculties have not yet been realised. The case for them has now become a very strong one.

Physical Education

Whilst on leave **Mr. Eugene Locke**, Head of the Physical Education Department, visited the ancient and modern games stadiums at Olympia and Rome. After going to the Physical Education Institute in Vienna he saw national and European gymnastic festivals and championships at Belgrade and attended a summer course at the Sportshochschule in Cologne. With a hectic week at the Turnfest sandwiched in between he then compared notes with colleagues in Holland and Belgium and later went to visit schools at Ollerup and Malmehed and the Royal Central Gymnastic Institute, Stockholm. After seeing the famous Athletic Track at Turku, he returned to England and Scotland to discuss facilities and training programmes with teachers and organisers in various centres.

He found the standard at Rhodes compared very favourably with that overseas and considers that the establishment here of a Physical Fitness Research laboratory and a course in Educational Dance would place the Rhodes Physical Education Department on a par with most counterparts in Scandinavia and other parts of Europe.

Armstrong Aquarium now a Field Station

The aquarium on the Kowie River, originally built and equipped by **Professor F. W. Armstrong**, first head of the Rhodes Art School, has been transformed into a Marine Biology Laboratory. When Professor Armstrong left the Kowie in 1951 he presented the aquarium to the Municipality, but funds for its upkeep were not available. Now Prof. **Allanson** has arranged the lease of the building and site to the Dept. of Entomology and Zoology. Senior students of the department have assisted in carrying out renovations which include a supply of continuously flowing sea-water to five large aquaria. Equipped with the basic requirements of a field laboratory, the station was recently opened by the Mayor of Port Alfred, **Mr. A. G. Slaughter**.

White Population Studies

Dr. H. L. Watts, Senior Lecturer in the Department of Social Work, who is leaving at the end of the year to become Director of the Institute for Social Research in Durban, has been engaged since 1962 on a study of the White population of King William's Town, and is now making a parallel study of conditions in East London. The work is being financed by the National Council for Social Research and the King William's Town survey is being published by the Institute for Social and Economic Research at Rhodes.

Electronic Computer For Rhodes.

MANY historians maintain that we are experiencing a second industrial revolution brought about by the rapidly increasing use of high-speed electronic digital computers coupled with the wide-scale application of control devices. During the first industrial revolution, the steam engine and, later on, other types of prime mover, relieved mankind of the toil of mechanical labour. Our century should see computers take over a great deal of the mental labour associated with our complex modern society. Even the simpler forms of decision making will probably become mechanised.

This development will pose many problems in the fields of administration, sociology and education. For one thing it will be necessary to train personnel capable of designing, operating and maintaining computers and servo systems.

Rhodes University is taking steps to meet this challenge. Last year numerical analysis was introduced into the Applied Mathematics III course and recently Council has set aside funds for a digital computer. This should be installed and in operation by the end of 1965.

It is not intended that the computer should be the property of any particular department; it will serve all departments of the University as a tool of research and instruction. Professor Gledhill's team of research workers are in urgent need of a computer to process results obtained in ionospheric studies and radio astronomy. The Dept. of Applied Mathematics plans to extend its course on numerical methods to include practical work in planning and operating computers. The departments of Botany and Zoology can mechanize the statistical analysis of their numerical data. The departments of Accounting and Economics will be able to teach linear programming and data processing techniques, and Commerce students can use the computer to simulate business situations.

Diamond Jubilee Bursary Fund

LIST A. In order in which contributions were received. Total collected R237.00.
Mr. J. W. Steyn
Miss M. C. Bateman
Mr. H. W. Arnott
Mr. G. van Aardt
Mr. J. B. Ebdon
Mrs. A. T. Henry
Miss D. Downing
Miss D. W. White
Miss N. Fowler
Mr. W. H. D. Deacon
Mrs. A. Viljoen

OBITUARY

Ernest Hamilton Wild

A Memorial Service was held in the Great Hall to mark the passing of Professor E. H. Wild. He was Dean of the Faculty of Arts in 1952-53, a member of Council from 1954-60. In a letter to the Registrar three days before his death he wrote "I value very highly my association with the University as a student (1918-1922) and a member of staff (1927-1964)—43 years. I would like to wish the University great success, a widespread influence, and rapid academic development and financial prosperity." He took a Masters Degree in Physics at Rhodes but later at University College, London, gained his Ph.D. in Psychology. Back at Rhodes he lectured in Physics and Psychology and was later the first occupant of the Chair in Psychology. He supervised the foundation of the Department of Sociology and Social Work and saw it safely launched under its present head, Professor Irving. Working at one time or another on practically every Senate committee, his interest in our academic life was all absorbing. He married a Rhodian, Nell Craig, and both his son and daughter were students at Rhodes. The Pro-Vice Chancellor in a valedictory address referred to his "absolute integrity, unflinching dignity and complete mastery of his work. With all that, he was blessed with endearing modesty and natural charm."

We regret to record also the death of **Mrs. S. Botha (Chloris Edmonstone Sammons)**.



(EVENING POST)

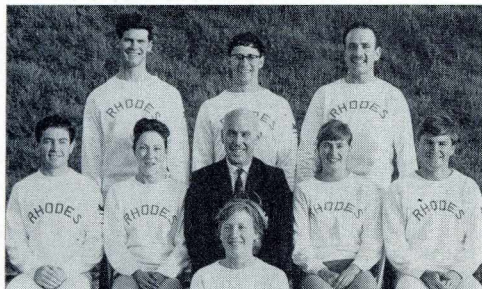
SPORTS ROUND UP

Neil Oldridge, Geoff Grylls and Jon Reen, seen above sporting London bowler hats, spent six weeks of the third term overseas with the **Springbok Swimming Team**. They swam in various competitions in Germany then went to Britain where they competed in the British Championships. Grylls was the outstanding swimmer here winning three titles. After the championships it was off to Scotland then to the Canary Islands for more competitions before returning to South Africa. These three have gained wide experience and should make a solid foundation for the Rhodes team in the forthcoming inter-varsity tussle.

ATHLETIC CLUB

The Athletic Club has had a most successful year. The outstanding achievement was the winning of the **Roger Dyason Shield** by the women at the Inter-varsity Championships held in Pretoria. The three girls mainly responsible were **Phyllis Cumming, Vera Smit** and **Stephné de Wet**.

At the recent inter Club Meeting held annually at Rhodes the students won both the **Stirk Bowl** for Men and the **Arcadia Cup** for Women. This is the second occasion on which one club has achieved the double, Rhodes having accomplished it in 1956. A feature of this year's meeting was the large number of Rhodes records set. **Stephné de Wet** threw 137 ft. 6½ in. to better her own Rhodes and E.P. javelin record, whilst all Old Rhodians will be interested to hear that two records which have been standing since 1932 have at last been beaten. **Clifford Hopkins** ran 4 min. 21.2 sec. for the mile and **Basil Haworth** threw the javelin 192 ft. 4 in. The previous records were 4 min. 27.4 sec. by **G. de V. Leach** and 181 ft. 11 in. by **Ralph Blakeway**, who recently opened the new Sports Pavilion. **Rhodes Captain Barry Andrews**, using a new glass fibre pole, pushed the Pole Vault record up to 12 ft. 8½ in.



(HARRISON'S)

Mr. Locke with
some members of
the Rhodes Gym-
nastic Club.

GYMNASTIC CLUB

The majority of members of the Gymnastic Club are from the Physical Education Department. This year **Bobby Wynne**, after winning the **Border Second Grade Championship**, was appointed Captain of the Border Team that took part in the South African Grade Gymnastics Championships. Four other members were also in the team — **Hilton Green, Ray Johnson, Elane de Wet** and **Janet Beatty**. Bobby Wynne has recently been awarded his Border Gymnastic Colours.

OTHER CLUBS

The Cross Country Club achieved prominence when **John Cave** gained fifth place in the South African Marathon Championship and was 7th in the Varsity Cross Country.

K. Kaplan of the Weight Lifting Club is considered one of the most promising young weight lifters in the country. He came second in his weight in the National Championship and has been awarded Honours.

D. Horak won the **Mocambique Open Championship** beating five players who have represented South Africa at golf.

The Under Twenty Rugby "A" Team won the **Barney Miller Floating Trophy** this year for the first time since 1957. The "B" Team also won its league.

Lesley Jack won the **Eastern Province Women's Squash Championship** beating a Springbok in the semi-finals and the Old Rhodian and Eastern Province player **Ruth Hobson** in the final.

Alan Robertson has been selected to represent Zambia in the weight lifting, precision javelin and table tennis events at the Paraplegic Games in Tokyo.

OLD RHODIAN NEWS

Dr. Frank Amm, a past Director of the Geographical Survey in Salisbury, has been Director of Mines for the past few years. Owing to reorganisation of the department, he has now taken the opportunity to retire and is at present engaged in part-time consulting work. However he intends to go farming later.

Jack Gaylard is Deputy Inspector of Education in Southern Rhodesia. **Robert Klette**, a Senior Inspector in the department, has recently returned from a study of modern methods of scientific education in America, and will no doubt be introducing brighter and more original ways of presenting science to Southern Rhodesian pupils.

Prof. N. H. MacKenzie is Dean of the Faculty of Arts at the University College of Rhodesia and Nyasaland. Other Rhodians on the staff are: — Sir Charles Cumings, Personal Assistant to the Principal; A. N. M. Jenkins, History; M. A. Wakatama, Adult Education; A. J. Eve, D. J. Eve and J. G. Sheppard, Chemistry; C. W. Stowe, Geology; M. W. McElhinny, Physics; J. M. Goldsmid, C. B. Cottrell, P. E. Hulley and Mary M. Kraft, Zoology; J. G. P. Phillips, Assistant Librarian; Dr. E. B. Edney, formerly Professor of Zoology has been appointed Research Professor at Riverside, California.

Dr. G. C. Bosman has been appointed manager of the Witwatersrand Agricultural Society having for the past two years been senior group secretary to the Transvaal Chamber of Mines.

Dr. D. S. Henderson, former Rhodes Scholar, after reading Mathematics at Oxford and Logic at Cambridge and completing his Ph.D. in Applied Mathematics at Harvard, worked with the IBM Corporation on the design of system 360. He has been appointed Director of the Computing Centre at the University of the Witwatersrand.

Dr. John William Mann has been appointed to the Chair of Psychology at the University of the Witwatersrand. After leaving Rhodes he obtained his Ph.D. at Natal whilst holding a Carnegie Research Scholarship, and held a British Council Scholarship whilst reading Psychology at Oxford.

Alan Moore, who has been employed temporarily in the Geology Dept. of the University of Cape Town, has now been appointed to the staff of Adelaide University, Australia. He has recently become engaged to Rosemary Lavin, a second generation Rhodian.

J. G. Stewart, who did a Bachelor of Science degree at Rhodes and who has been Envoy Extraordinary and Minister Plenipotentiary in Vienna, has now been appointed Ambassador to Italy.

B. J. Steere, a Foundation Member of the University, was in England on holiday at the time of the Jubilee Celebrations. He is still in practice in Natal after 50 years as a qualified land surveyor. He writes of the very pleasant memories he has of the lectures given by "the two fine old gentlemen Prof. 'Boots' Matthews and Prof. (later Sir George) Cory."

Professor and Mrs. D. Burnett have returned to Aberdeen after 3½ years at Boulder, Colorado, where Prof. Burnett was working at the High Altitude Laboratory.

J. R. Vail has obtained his doctorate and is on the staff of the Geology Dept. at Leeds University where **J. Kemp**, who has just completed a field season in Ireland, is working for a higher degree in geology.

Edwin H. Thornton is Assistant Mine Secretary, Roan Antelope Division, Luanshya, Zambia. With the same company are **L. W. Hall** (Survey) and **Felix T. Tromp** (Mining).

I. G. Cormack is working as Government Agent at Chipoka, Malawi.

J. G. P. Phillips is at the National Archives, Salisbury.

Judy Eyre is Managing Director of an Engineering Firm in Cape Town and is personally supervising the building of new premises for its expansion.

Louis Shubitz is now practising as a Specialist Anaesthetist in Johannesburg, having obtained his Diploma at the Royal College of Physicians of London and the Royal College of Surgeons of England.

Derrick Dickens has been appointed opera organiser to the Performing Arts Council of the Transvaal.

David Simmons who received his doctorate in nuclear engineering at Birmingham University after he left Rhodes, has recently become President of Power Designs Pacific Inc. of Palo Alto, California, a company manufacturing electronic equipment.

B. H. P. Farrer has been appointed Associate Professor in Classics at the University of Natal, (Pietermaritzburg) and **C. K. Hill** has been Acting Head of Department, Mathematics (Durban).

F. K. S. Woods is Principal of Fairbridge Farm School, Molong, New South Wales. The school is one of three founded by Kingsley Fairbridge for the immigration of British children. Fairbridge originally came from Grahamstown and was one of Cecil Rhodes's pioneers in Rhodesia.

Eric M. Baker has been appointed to the Board of Directors of Mobil Oil Southern Africa (Pty.) Ltd.

William Smith has joined Associated Industrial Consultants Ltd., a chemical and timber firm with headquarters in Castleford, Yorkshire, where he has gone for six months experience before returning to South Africa.

Jack Meyer, Organiser for Art Teaching in Border and Eastern Cape, is going to Holland under the cultural arrangement between South Africa and Holland, to give a series of lectures on Art Education in this country.

Joan Urie has been appointed Headmistress of Wynburg Girls' High School, and **W. Rowles** Headmaster of Graeme College, Grahamstown.