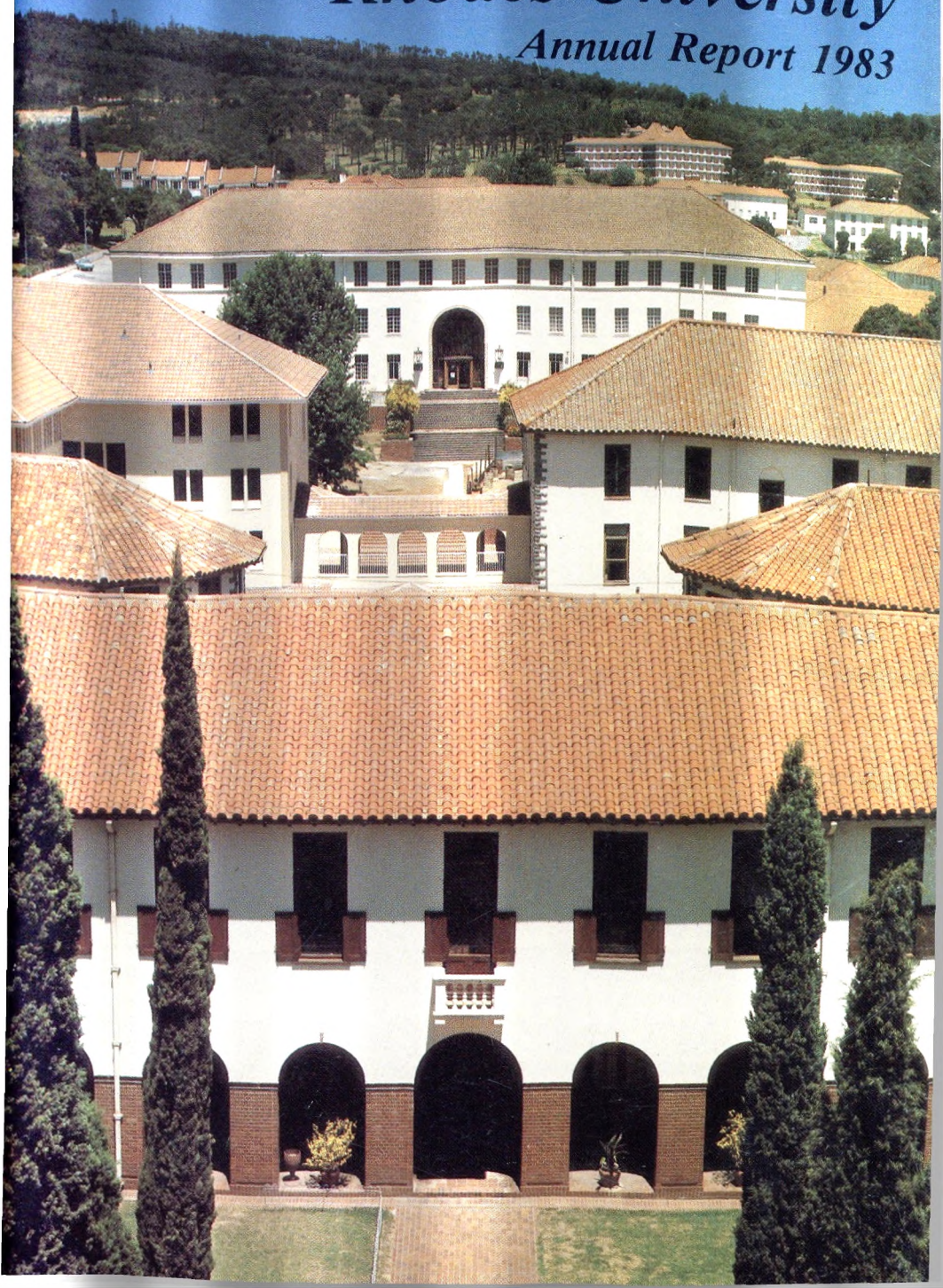




Rhodes University

Annual Report 1983



Cover: Quad II from the University tower, looking towards the Library. Photograph by Professor R B Brooks.

The Vice-Chancellor's Report

Page 1

The Rhodes University Foundation Report

Page 22

Rhodes 1983

Founded in:	1904
Academic posts:	247
Students	3 293
Student/staff ratio:	13,1:1
Replacement value of buildings:	R100 million
Grounds:	203 hectares

OFFICERS OF THE UNIVERSITY

Chancellor: Dr I Mackenzie

Principal and Vice-Chancellor: Dr D S Henderson

Vice-Principal and Pro-Vice-Chancellor: Professor J W Brommert

Chairman of Council: Mr J S Levy

President of Convocation: The Hon Mr Justice J D Cloete

Registrar: Mr J O M Wilkinson

DEANS OF THE FACULTIES

Arts: Professor I A Bunting

Science: Professor V C Moran

Law: Professor R C Beuthin

Education: Professor R Tunmer

Commerce: Professor P van der Watt

Social Science: Professor E Higgins

Divinity: Professor J N Suggit

Pharmacy: Professor H Parolis

RESEARCH ORGANIZATIONS:

Leather Industries Research Institute

JLB Smith Institute of Ichthyology

National English Literary Museum

Institute of Social and Economic Research

International Library of African Music

Institute for the Study of English in Africa

Dictionary of South African English

Rhodes Institute for Freshwater Studies

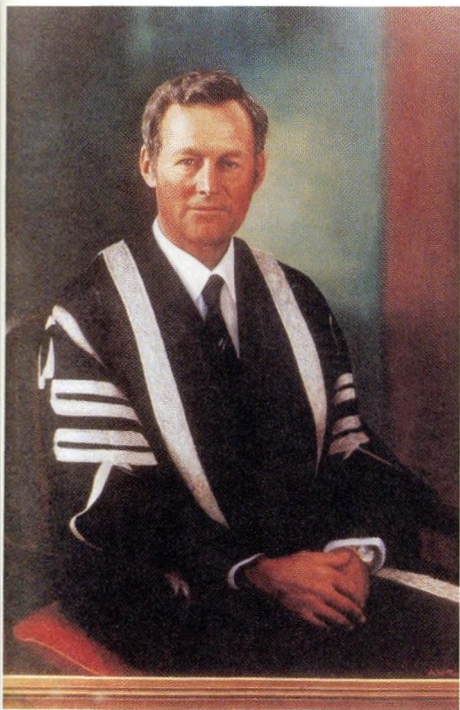
Tick Research Unit

Antarctic Upper Atmosphere Research Group

Plant Nutrition Research Unit

Hydrological Research Unit

Report of the Vice-Chancellor of Rhodes University Dr D S Henderson



This portrait of the Vice-Chancellor painted by A W Turton, was hung in the Council Chamber in December. Photograph by Noel Hodnett.

The year 1983 has been one of solid constructive achievement, and I use building terms in the literal sense, because bricks and mortar have been the tangible signs of progress at Rhodes University this year.

The start on the construction of a new residence was perhaps the highlight of the year, resulting as it did from a donation of half a million rands from the Gold Fields Foundation. This is the largest single donation ever received by the University. A further half a million rands is being made available through loans from the Rhodes University Foundation. The residence, part of Kimberley Hall and named Gold Fields House, will provide accommodation for 78 students, and is scheduled for occupation in July 1984.

Our biggest ever building programme, the Quad II project, is moving into its final phase. The English Department moved into its splendid new building in September, and Geology and Geography will be moving early in the new year. When the new branch of Kaif (the student cafeteria), and some external landscaping are completed next July, the project will have taken three years and cost almost four million rands.

Other important construction work included the completion of two annexes for Stanley Kidd House on the site of the former Prince Alfred Infirmary. These have provided another 33 student beds at a cost of just over a quarter of a million rands. Eight maisonettes for married postgraduate students have also been completed, at a cost of R300 000 provided by the Foundation. We hope to be able to build another eight flats on the same New Street site when finance becomes available.

A project of considerable long-term importance is the construction of a fish hatchery and model fish farm, a joint project of the University and the JLB Smith Institute of Ichthyology to which the University has contributed a loan of R113 000. Rhodes is the only university in southern Africa offering postgraduate training in aquaculture, a viable means of alleviating protein deficiencies in the rural areas of the sub-continent.

One of the most significant and pleasing developments of all is the birth of a building society-backed housing scheme for our junior

staff which offers a wide range of houses on 99-year lease properties with financial arrangements exactly comparable to the established conditions for White staff. The scheme took five years of patient negotiation with the East Cape Administration Board and more recently with the Allied and the South African Permanent Building Societies and is the first such scheme for university staff in the country. The University could face a potential financial exposure of R750 000 in the form of guarantees and matching deposits but we believe that this is a worthwhile commitment for us to accept as our contribution towards proper housing for all our staff.

We have learnt with regret that Mr J A Chubb, the man who has done more than anyone else to establish the East London Division, is to retire from the Chairmanship of our East London Committee. At the same time the University has decided to award him an honorary degree in April 1984. Continued pressure on our residences and ever-increasing application numbers have enabled us to develop further our recently introduced system of selecting students on academic merit. At the same time the Academic Support Programme, which gives individual

coaching to students who lack certain basic language or mathematical skills, has completed its first full year with a great deal of success.

The East London Division has continued its excellent growth record, with 160 students registered this year compared with 90 in 1982.

Most were registered for the part-time Bachelor of Commerce degree, though for the first time some were prepared for the honours degree in Social Science. The effect of the new subsidy formula on divisions offering part-time study is such that further development in East London will only be possible through another major commitment from the people of that city.

The Control Data Cyber 170/825 main-frame computer which we purchased last December is now fully operational and has given us the opportunity to introduce an evaluation project of the Plato system of computer-assisted learning as a teaching aid. A co-ordinator has been appointed and the Plato project, together with the Department of Mathematics, now occupies Drostdy Lodge, erstwhile home of the English Department.



Careers exhibitions held around the country offer an opportunity for scholars and teachers/psychologists to meet Rhodes personnel on a person-to-person basis.



Mr Michael Narangxa, an employee in the Public Relations and Development Division, is building this four-roomed house for his family under the University's new home ownership scheme.

Parliament this year empowered the Minister of National Education to administer new regulations governing entrance requirements on racial grounds to the universities. In 1984 only the pharmacy degree at Rhodes will be affected. We hope that the minister will eventually allow us to set entrance requirements on academic merit in this area too.

The **Division of Public Relations and Development** has operated under difficult conditions this year, with the transfer of the Director, Mr J N Papenfus to the Johannesburg office and the vacating of another post on the resignation of Ms C Damerell. This has put a great deal of pressure on the Assistant Director in Grahamstown, Mr R H J Buckland. The division has continued to handle its various portfolios such as fund-raising, alumni affairs, media liaison, schools contact, publications, function organization and visitors' programmes. In addition the division hosted the annual PROSAU (Public Relations Officials of South African Universities) conference in September, attended by 80 delegates from all South African Universities and most of the Technikons.

Schools liaison activities this year have included attendance at careers exhibitions in places as far apart as Empangeni and Windhoek. A new collapsible lightweight stand has been purchased for exhibitions where the heavier stand, which has also been refurbished, would be impractical. The number of schools to whom career information is sent on a monthly basis has risen this year from 300 to 493. An analysis of schools from which we receive students shows that our biggest intakes are from schools in the Grahamstown and Border areas. The top ten schools supplying Rhodes students in 1983 were:—

1. Selborne College, East London
2. St Andrew's College, Grahamstown
3. Kingswood College, Grahamstown
4. Graeme College, Grahamstown
5. Grey High School, Port Elizabeth
6. Queens College, Queenstown
7. Clarendon Girls' High School, East London
8. Cambridge High School, East London
9. Victoria Girls' High School, Grahamstown
10. Chaplin High School, Gweru, Zimbabwe

The year under review saw the resignation of several members of staff, all of whom have been appointed to important positions in education elsewhere.

Professor M L Truu, head of the Department of Economics is joining the fledgeling Vista University and will be establishing a Department of Economics in Port Elizabeth, while art lecturer, Ms E Marais has been appointed to establish an Art Department at the University of Bophuthatswana. Professors J Opland and S B Bekker, both from the Institute for Social and Economic Research, have joined the Urban Foundation in Johannesburg. Professor K S Prinsloo is the new head of the Department of Accounting at the University of Natal (Durban) and Professor W F Jonckheere becomes head of the Department of Afrikaans at the University of Natal (Pietermaritzburg) in January.

Honorary degrees were conferred on three distinguished South Africans in April. They were Atholl Fugard (DLitt), Basil Hersov (DLaws) and Joel Mervis (DLitt).

A number of new committees were spawned during the year to look into such matters as sports, residences and optimum size for the University, and a Board of Wardens was established. A major change in the Administration was introduced during

the year when the Admissions section joined the Statistical Planning Unit under Professor I A Bunting. Student advisory services are to be separated from admissions in the new year.

Old Rhodian Union

The year has been an active one for the Old Rhodian Union with Professor J A Gledhill as President and Dr G M Gruber as Honorary Secretary.

Dr Gruber was the moving spirit behind a compilation of address lists of Old Rhodians living abroad. The appropriate lists were circulated in the July newsletter to OR's in different countries, and the response was most rewarding, with many letters being received describing happy reunions with old friends, and many new friendships begun. Our insert in the December Newsletter appealing for funds to increase ORU bursaries is meeting with a most satisfying response, and a private bequest of R13 000 has further boosted available funds.

OR reunions were held in the major centres as well as in the UK, with Rhodes academics attending each one. Again, the response has made these efforts well worth our while.



Professor R Tunmer, the University's Public Orator delivers the citation at the Graduation ceremony in April at which Joel Mervis (standing) was awarded an honorary degree.

STUDENT AFFAIRS



Mr Alan Williams, President of the SRC, talks to fellow students about Orientation Week.

Students' Representative Council

1983 was a hectic year for student government at Rhodes. The Orientation Week programme which was run by the Students' Representative Council proved a great success in introducing new students to campus life.

Early in the year, a campaign led by the SRC to halt the proposed "censorship" of the student newspaper "Rhodeo" led to a withdrawal of the motion. The SRC was actively involved in a referendum held in the third term to determine whether Rhodes should be affiliated to the National Union of South African Students, which resulted in a majority in favour of disaffiliation. During the year, faculty councils were established to enable students to be more involved in the curriculae of their courses. The SRC was

instrumental in the establishment of a bus service to the township for black students who have to study in the library at night. On investigation a creche scheme was found not to be financially viable.

The 1983/4 SRC, under the presidency of Mr Alan Williams, places a great deal of importance on keeping in touch with student opinion by regular visits to residences and the distribution of newsletters to Oppidans. The present SRC sees it as crucial for students to accept their responsibilities as a privileged sector of society, to continually appraise what they are taught, what they see and hear, and the world around them, and carefully to familiarise themselves with issues before taking action.

Sports Union

Thirty clubs were affiliated to the Sports Union in 1983, thus providing a wide range of physical activities to cater for both the competitive and recreational needs of our students on campus. Once again, and in spite of the various difficulties — particularly travelling to away fixtures — which our sportsmen and women have to overcome, the standard of performance was encouraging with forty-one Rhodians being selected to represent their Provincial or South African Universities teams. Because of our geographical situation and the residential nature of the University, our intra-mural programme was again popular. It would appear, judging from the use of facilities, that more and more "social" participants are emerging on campus — a pleasing development. Our annual Intervarsity with UPE took place in Port Elizabeth during August, and although beaten in many of the contests, our students put up spirited performances and were far from disgraced. We had the pleasure of hosting the SAU Rowing Regatta in East London over Easter while the Cricket Tournament was held in Grahamstown at the beginning of December. Both proved most successful and enjoyable, thanks to the efforts of the respective club committees, which in turn appeared to inspire our teams



Mr D V Coghlan with his winning team of runners. They are (back) Michelle Bartman, Sandy Maytham, (front) Heidi Wüst and Dianne Woodend. All four girls will be returning to Rhodes for the 1984 season.

to achieve their best results for a good many years. During the year an Ad Hoc Committee was established to investigate the role that sport should play on our campus and we look forward to their report which will be published early in 1984.



Dr Henderson presents the winners' cup to Rowing Club Captain Eric Meltzer at Port Alfred in September. Rhodes beat UCT in the SA Breweries Inter-Varsity Boat Race.

Rag Report

Mike Vincent, Rag Chairman in 1982, made Rhodes history by being the first Chairman to accept the position for two consecutive years. Under his experienced guidance, Rhodes Rag managed to raise a net R47 000, laying good foundations for a record year in 1984.

The 1983 Rhodes Rag magazine, "The Alternative Rhodent", maintained and surpassed the high standard set in previous years and received first prize in the national rag magazine competition. Congratulations to the editors Mike Souter, Justine Nofal and Mike Vincent.

The Big Bleed held in March was well supported by students and a record 1 109 pints were donated in 12 hours. Rag Day was once again a great success and was enjoyed by students and Grahamstonians despite the bad weather.

Rag only helps self-help organizations and concentrates on health and education programmes in the Grahamstown and Border districts. The Rag Committee would like to thank all students, past graduates, Rhodes Administration staff and members of the public for their enthusiasm, generosity and consistent support. Without their help, Rag would be unable to continue its work in assisting the underprivileged members of our community.



Student Numbers 1983

		Arts	Commerce	Divinity	Education	Law	Pharmacy	Science	Social Science
Under-graduates	1982	873	610	41	87	10	409	393	88
	1983	868	629	44	80	7	393	421	100
Post-graduates	1982	243	34	8	146	53	15	132	22
	1983	262	52	15	132	46	16	138	25
Total	1982	1 116	644	49	233	63	424	525	110
	1983	1 130	681	59	212	53	409	559	125

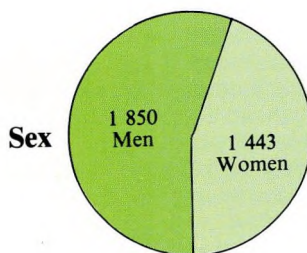
Graduation April 1984

As this report is printed before graduation there may be changes to the April 1984 awards. Final figures will appear in next year's report.

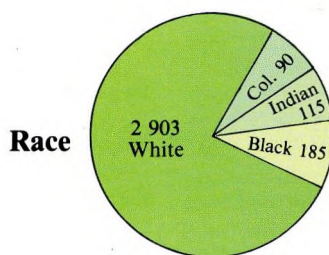
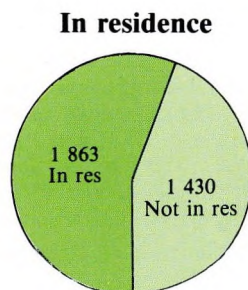
Under-graduate Diplomas & Certificates	1983	8	12	—	34	—	—	—	—
	1984	8	13	—	24	—	—	—	—
Bachelor's Degrees	1983	209	80	8	—	1	82	49	4
	1984	197	100	5	17	1	91	74	26
Post-graduate Diplomas & Certificates	1983	9	17	—	60	—	—	—	—
	1984	8	17	—	39	—	—	1	2
Second Degrees	1983	49	2	1	—	26	—	39	4
	1984	75	16	3	—	13	—	28	15
Master's Degrees	1983	13	4	—	3	—	1	18	2
	1984	20	—	—	8	—	1	15	1
Doctorates	1983	3	—	—	—	—	2	4	1
	1984	6	4	—	—	—	1	7	—
Total Diplomas & Certificates	1983	17	29	—	94	—	—	—	—
	1984	16	30	—	63	—	—	1	2
Total Degrees	1983	274	86	9	3	27	85	110	11
	1984	298	120	8	25	14	93	124	42
Total awards	1983	291	115	9	97	27	85	110	11
	1984	314	150	8	88	14	93	125	44

Occasional students	Total	%
	2549	79,6
65	2607	79,2
	653	20,4
—	686	20,8
88	3202	100
65	3293	100
Total		
	54	
	45	
	433	
	511	
	86	
	67	
	121	
	150	
	41	
	45	
	8	
	18	
	140	
	112	
	605	
	724	
	745	
	836	

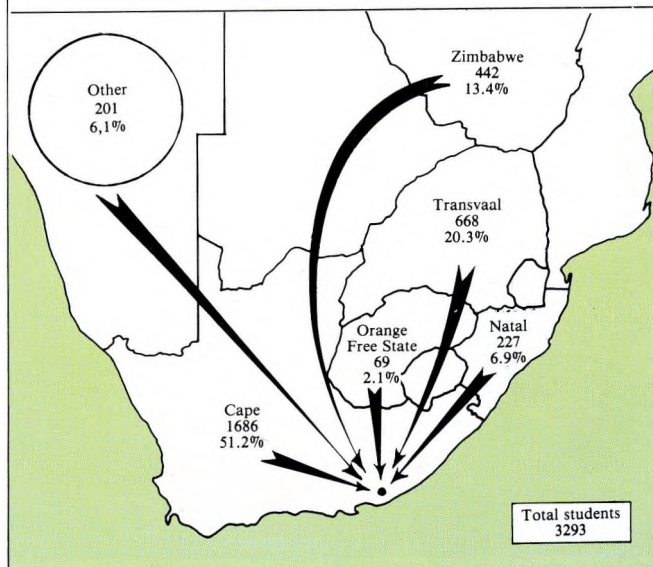
Composition of student body 1983



Total: 3293



Geographic Origin



Departmental Reports

Having completed his first five years as Head of the **Department of Anthropology** Professor M Whisson took sabbatical leave in Britain where he visited every major anthropology department at universities throughout the country in order to forge closer links between them and Rhodes's own "British-style" department. Dr Robin Palmer read a paper at the XIth International Congress of Anthropological and Ethnological Sciences held in Quebec and Vancouver in August.

Enrolment in the **Department of Computer Science** topped 200 for the first time in 1983. With three new staff members whose particular interests are intelligent tutoring systems, systems programming and systems analysis, the department continued to play a key role in the use of computers, and in particular microcomputers, in education in the Eastern Cape.

The **Department of Education's** Higher Education Diploma students completed the second course in Computers in Education this year, while some of the 29 Masters students wrote dissertations on the educational use of the Logo "Turtle", a robot driven by a microcomputer. Five members of staff attended the tenth annual Kenton conference of University Education Departments, held at the University of Bophuthatswana in

Mafikeng. The Kenton conference originated at Kenton-On-Sea and was hosted by the Rhodes Education department for its first six years. It returns to Kenton in 1984. Dr A J Penny and Mr N S Coughlan organized an education department seminar at the University of Durban-Westville. Several staff members went overseas during the year for study purposes. Mrs G Boltt is reading for a Masters degree at the University of Southampton, Mr R Finlay is doing his internship in Sydney, Australia, Mr D W McKellar attended a British Council course in England on teaching reading while Dr E A G Clark gave lectures and seminars at the Universities of Exeter and Durham during October. Dr Penny left in December for nine months study leave as a visiting lecturer at King Alfred's College, Winchester, UK.

The main event of the year for the **Department of English** was its move to Quad II. Fond as staff and students were of the charm of Drostdy Lodge the department had seriously outgrown the building. The new English building has excellent facilities for all aspects of the teaching of English. In July, the department was host to the Association of University English Teachers of Southern Africa (AUETSA). During the conference, Professor M van Wyk Smith and Mr D MacLennan presented Professor F G Butler on his 65th birthday with a *festschrift* edited in his honour: "Olive Schreiner and After: Essays on Southern African Literature".



The Last Tea. After twenty years, English department staff take leave of Drostdy Lodge.



Professor F M C Pirajno is in charge of the MSc (Exploration Geology) degree. An Italian by birth, Professor Pirajno has had extensive experience with Anglo-American in Zambia, Australia and New Zealand. He joined Rhodes at the beginning of the year.

Mr R Cross, officer-in-charge of the **Electron Microscopy Unit** travelled twice to Europe during the year, once to attend a course in the UK on the monitoring and maintaining of electron microscopes, and on the second occasion to evaluate scanning microscopes in the Netherlands, Belgium and the UK before attending the joint German and Benelux Congress in Antwerp.

The **School of Fine Art** hosted an exhibition of international art in June, and held a number of exhibitions of its own. Members of staff participated in the prestigious East Cape painting exhibition in the Everard Read Gallery in Johannesburg. Three internal exhibitions were mounted and the department also held a major show at the Kunsmuseum in Stellenbosch in November. This included 41 works by both staff and students.

Three final year students in the **Department of German** were awarded German Foreign Language scholarships by the Goethe Institute to take part in an intensive language training programme in Germany during the long vacation. This has greatly encouraged the department to pursue its policy of teaching German "foreign language" as a separate stream. Professor D W Welz delivered a paper at a conference at Bielefeld University in Germany in December.

Staff in the **Department of History** are continuing with their individual research work and writings on aspects of South African history in general and Eastern Cape history in particular. It is gratifying to note the effect of these interests on students in the department, whose growing awareness of the local historical environment has led to outings at their request to places such as the Kat River valley and adjacent forts. Student initiative too has led to the founding of a history society on campus.

The report of a committee appointed to investigate the needs of the **Department of Journalism and Media Studies** has led to major changes in degrees offered by the department, commencing in 1984. The department will offer a four-year Bachelor of Journalism and Media Studies degree, as well as a three-year major for the Bachelor of Arts degree. Students taking the BA degree may proceed to an Honours degree if they wish, while those taking the B Journ degree may proceed directly to a Masters degree. The one-year postgraduate Higher Diploma in Journalism will also be maintained. With a record of more than 60 graduates this year, the department was glad of the committee's recommendation that the department's staff complement be increased over the next three years.

Professor R C Beuthin, Dean of the **Faculty of Law** since 1968, received an LL D degree from the University of Natal in April. He also announced his intention of retiring early in the new year. Professor A J Kerr was invited to deliver an address at the first regional conference of the Southern African Society of Legal Historians at the University of Bophuthatswana in September. Professor Kerr and Mr M J Oelschig attended the Conference on Legal Education in Johannesburg, also in September. Members of the faculty continued their involvement in university disciplinary procedures and four proctors were appointed from the staff. All have previous judicial experience.

Masters students in the **Department of Microbiology** have made valuable contributions to virology this year. Miss T Whistler has made significant progress in studying the evolution of the bluetongue virus of sheep.

The success of this project has led to the undertaking by the department of a similar project, with a human virus, in co-operation with the National Institute for Virology. This is to determine whether some of the recent outbreaks of poliomyelitis could have been caused by the oral vaccine.

Mr J Dewar, also a Masters student, has recently developed a new and promising method for the enhancement of human virus vaccines. The technique causes no adverse side reactions. Miss Whistler won a scholarship to study at the Weizman Institute in Israel during the long vacation, and Professor J F E Newman visited a number of virology research institutes in the UK in December.

Concerts and lectures were held in the **Department of Music** to celebrate the works of three composers — Johannes Brahms, Richard Wagner and Anton von Webern. In April the department hosted the South African Society of Music Teachers' AGM, at which delegates joined the Chamber Choir in a magnificent performance of Mozart's Coronation Mass in the Grahamstown Cathedral. Later in the year the Fourth Ethnomusicological Symposium was held in the department in conjunction with ILAM (International Library of African Music). A major source of inspiration to those interested in ethnomusicology was the attendance at the the symposium of Dr G Kubik from the University of Vienna. Dr Kubik is regarded internationally as the leading specialist in the field of African music. The Rhodes Chamber Choir undertook a most successful tour of the Eastern Cape as well as participating in the annual Three Choirs Concert in Port Elizabeth and offering a presentation of sacred music in the University Chapel. An innovation during the year was a concert devoted entirely to the work of student composers which gave our students a valuable opportunity to have their works performed in public.

Professor H Parolis succeeded Professor B Potgieter as Dean of the Faculty and head of the **Department of Pharmacy** in July. During the year academics from Potchefstroom University, Queen's University, Belfast, the University of New Jersey and Indiana University, USA visited the department, while staff members attended conferences in

Potchefstroom and Durban locally, and further afield, in Scotland, Sweden and Switzerland. Miss R Dowse, a doctoral student in the department, was awarded — for the second consecutive year — the prize for the best paper delivered at the Academy of Pharmaceutical Sciences Congress in Potchefstroom.

Members of the **Department of Physics and Electronics** spent four weeks cruising the South Atlantic conducting research into the upper atmosphere and the South Atlantic anomaly centred near Gough Island. Highlight of the year for Professor J A Gledhill was the announcement of a R260 000 donation by the Ohlthaver Trust towards the establishment of an Upper Atmosphere Research Institute of which he is to be the director. The many international links already forged by Rhodes physicists will be greatly strengthened through such an Institute.

A big step forward for the **Department of Psychology** was the registration of the Rhodes University Clinic with the SA Medical and Dental Council. The clinic is now housed in a separate building in the St Peter's complex. Postgraduate enrolment is rising every year, and the Masters degree in clinical psychology drew students from as diverse places as California, Umtata, and a Western Cape wine farm. Professor T M D Kruger read a paper at the first conference of the International Association for Qualitative Research in Psychology in Perugia, Italy in August. Papers were read by five members of the department at the conference of the Psychological Society of South Africa in Pietermaritzburg in September. A visiting academic from Duquesne University, Pittsburgh, USA, Professor R T Knowles, conducted a most successful course for postgraduate students in the phenomenology of development. The department was also instrumental in the establishment of a Border Branch of the Psychological Association of South Africa.

The **Department of Social Work** has been conducting a part-time Honours degree at the University's East London Division this year. The practical work programme in Grahamstown has expanded considerably with the development of social group work and a systematic skills training programme.



Billy Second as Electra and Diana Dods as Chrysothemis in the Speech and Drama department's production of "Electra".

An interesting visitor to the department during the year was Professor Shirley Buttrick, Professor of Social Policy at the University of Illinois in Chicago.

Athol Fugard's world-renowned play "Boesman en Lena", which was first performed at the Rhodes Theatre in 1969, was produced again this year by the **Department of Speech and Drama** on the occasion of the award of an honorary doctorate to its author in April. In August, the department presented Sophocles's "Electra" as the University's contribution to the Greek Cultural Festival held in Port Elizabeth. The ranks of Rhodes graduates currently making names for themselves in theatre will be further swelled with two of this year's Honours students accepting PACT contracts.

The **Department of Zoology and Entomology** began the year by hosting the Fifth National Oceanographic Symposium, attended by over 200 delegates. In July

Professor B R Allanson was awarded the Gold Medal for Limnology in recognition of his outstanding contribution to the science. Professor Allanson also spent two months in Australia where he had been invited as Research Consultant to the University of Western Australia. Dr A Craig also travelled to Australia to attend an international behaviour symposium and Dr A Hodgson attended the international Sandy Beaches symposium held in Port Elizabeth. For the second year running enthusiastic undergraduate students captured the trophy for the best departmental display during the University's annual Arts and Science Week.

The **Rhodes Museum**, brainchild of the Hon Mr Justice J D Cloete, was opened for the first time this year. Housed in the Sisters' Chapel at St Peter's, the museum offers a joint history in memorabilia of both the University and the former Grahamstown Teachers' Training College. The museum opened its doors for the first time over graduation weekend in April.

Finance

A policy of strict financial discipline led to the University producing a surplus of 1 085 million rands before transfers to reserves of 1 064 million rands. The increase in expenditure from 1982 was kept to 9,9 per cent, a sound achievement during a period of rising costs. These reserves are essential in view of the

reduction in government subsidy for 1984 and the general uncertainty surrounding the implementation of the new subsidy formula in future years.

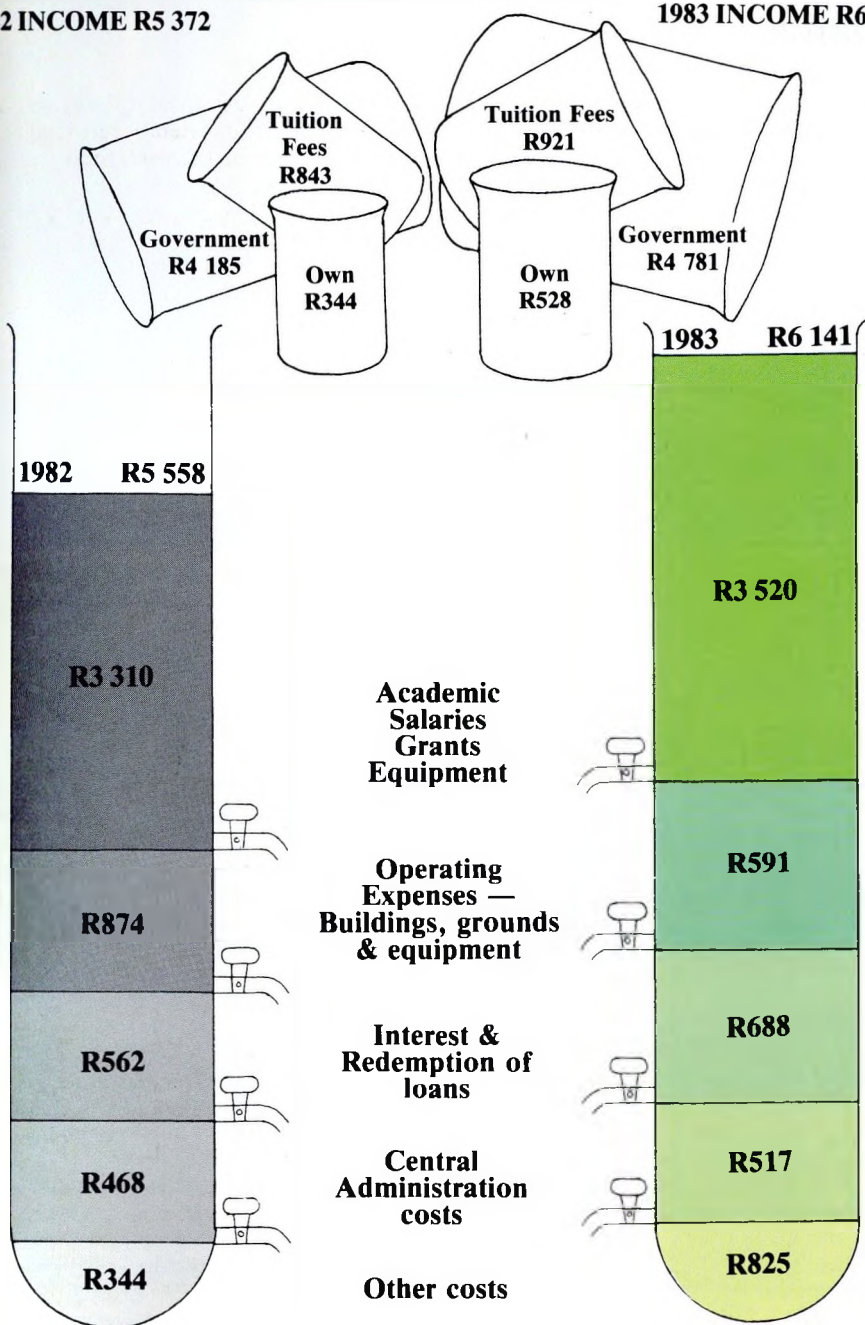
Despite lower interest rates, over R900 000 was generated by the short-term investment of cash (1982 : R830 000).

R millions 1982		R millions 1983	
17,8		20,2	
10,6	(60%)	11,6	(57%)
2,8	(16%)	2,0	(10%)
1,8	(10%)	2,3	(11%)
1,5	(8%)	1,7	(9%)
1,1	(6%)	2,6	(13%)
OPERATING EXPENDITURE			
	Academic salaries, grants, equipment etc.		
	Operating expenses — buildings, grounds and equipment		
	Interest and redemption of loans (gross)		
	Central administration		
	Other — including transfer to Replacement Reserve		
REVENUE			
	Government Subsidies/Grants		
	Fees		
	Other		
	Investments		

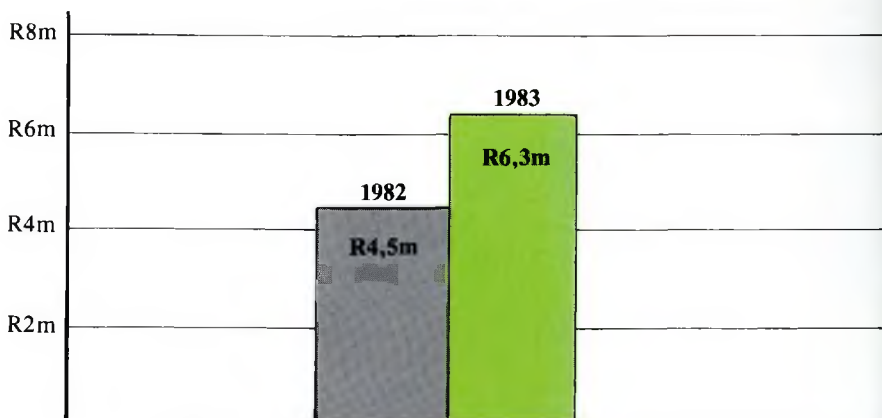
INCOME AND EXPENDITURE PER STUDENT

1982 INCOME R5 372

1983 INCOME R6 230

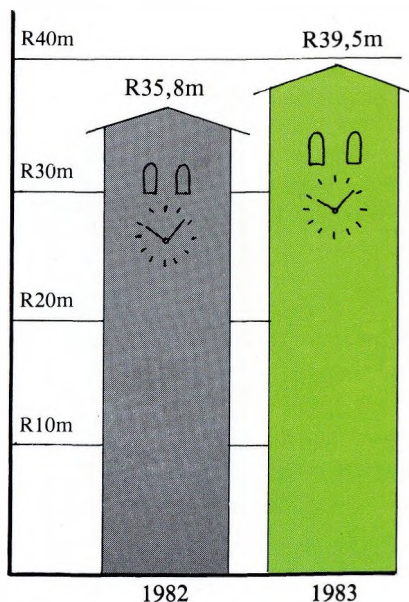


INVESTMENTS

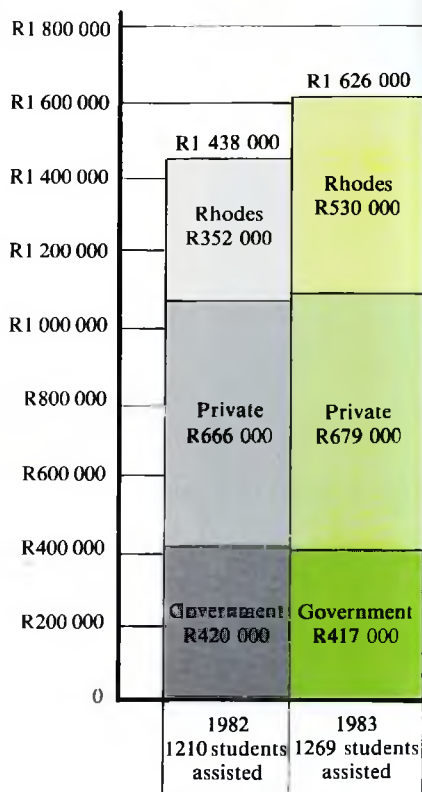


FIXED ASSETS

The University had fixed assets worth R39,5 million (1982 R35,8) at the end of 1983.



STUDENT BURSARIES





At the opening of the Rhodes Museum in April, the Honorary Curator Mr W J Askew (left) talks to the Chancellor Dr I Mackenzie and Mrs Mackenzie.

CORY LIBRARY

Re-organization of the Cory Library into a public access area (containing catalogues, reading rooms, open book stacks and the Reference Office) and a closed access area (containing document/rare book storage and processing desks) was completed early in the year with the construction of the new Researchers' Reading Room. The year proved an exceptionally busy one with over 150 visiting researchers registered in addition to regular use by Rhodes staff and students. Visiting scholars came from British, American, Zimbabwean and eight local universities. Other researchers included two cathedral deans, an admiral, a prize-winning journalist and an author based in Tangiers. Two television teams used Cory material for films on the history of the Methodist Church. Rhodes users of Cory materials were spear-headed by some half dozen thesis writers on southern African history. Cory Library's documentary and book collections continued

to expand during the year. Major deposits have included the archives of the Diocese of Grahamstown; the archives of Espin and Espin, the firm attorneys; the archives of the Somerset East Presbyterian Church; further additions to the Methodist archives collection including the papers of Rev Dr J B Webb; a collection of letters to Thomas Pringle; missing volumes from the Glen Lynden Library founded by Pringle; and some of the papers of George Wood, hitherto untraceable. Most unusual deposit of the year was a stick of "Brighton Rock" produced to commemorate the centenary of the Methodist Conference! During the Grahamstown Festival the Cory staff mounted an exhibition of manuscripts, books and pictorial material relating to women in southern African history under the title "But what is woman?" A small exhibition from the papers of Mr Bob Stimson, former lecturer in Journalism, relating to M K Gandhi has drawn considerable interest.



The jointed cactus costs South Africa more than R2 million annually.



Rhodes entomologists on an expedition in Bolivia.



Research Organizations

The activities of the **BIOLOGICAL CONTROL GROUP** began ten years ago with research into the use of insects to control jointed cactus, South Africa's most dangerous weed. Since then, the interests of the group, led by Professor V C Moran, have expanded to include research into other problem weeds as well as insect pests. The group comprises four staff members and 13 postgraduate students at present. Research within the group has produced five Master of Science degrees and ten doctoral degrees as well as many publications in international journals. The work of the Biological Control Group involves frequent expeditions to foreign countries, particularly to South America where the jointed cactus originated, to explore for likely natural enemies of problem weeds in South Africa. Insects are collected, air freighted back to Rhodes and carefully tested in quarantined insectaries. If they are safe, the insects are released at selected spots in the country and their effect on weed growth monitored and assessed over a period of years.



Adult and caterpillars of two South American cactus-feeding insects released in South Africa.

The **LEATHER INDUSTRIES RESEARCH INSTITUTE (LIRI)** associated with Rhodes University is regarded as the pioneer of industrial research for South Africa's leather industry. From its early beginnings in 1935 in the Chemistry Department of Rhodes University, the Institute has maintained a steady growth.

A feature of LIRI's work is the balance maintained between basic research and the application of science to the everyday technical problems of the industries it serves. A high rate of technology transfer has been achieved thanks to the close personal contact between the many subscribers and the frequency of factory floor contacts at all levels between research and production staff.

People tend to think that LIRI serves only a small sector of the leather and footwear industry in the vicinity of Grahamstown. In fact it serves the entire industry throughout South Africa and in neighbouring countries, and has many members in overseas countries such as Canada, the USA, Central America, Australia and Europe. All these — a total of more than 260 member companies and organizations — contribute financially towards the Institute and benefit from the work done there. Its present annual budget is in excess of one million rands, with the CSIR being the main contributor of funds.

Professor G E Whitehead retired as Director of the **TICK RESEARCH UNIT** and Professor I G Horak, who holds a veterinary degree, has been appointed as Director of the Unit in his stead. The research work of the Unit is at present directed at establishing the seasonal abundance and host preference of ticks of domestic and wild animals. Surveys to this end are being conducted in the four provinces of the Republic of South Africa and in South West Africa/Namibia. The wild animals examined range from rats and mice to eland, buffalo and giraffe and the domestic animals are sheep, goats and cattle.

JLB SMITH INSTITUTE OF ICHTHYOLOGY

Special areas of research interest have involved staff of the Institute in projects in places such as Lake Malawi, the P K Le Roux



Mr R Burrows of LIRI conducting a training course for footwear machinists at an international company in Zimbabwe.

Dam, the Okavango Delta in Botswana, Tristan de Cunha and Marion Island in the South Atlantic and the Pongola floodplains in Zululand. The Institute's fish collection continues to expand, and now includes over 300 000 specimens valued at over two million rands. As well as publishing nine bulletins, 17 papers and a pocket guide to freshwater fish in South Africa, the Institute founded **Ichthos** — Society of Friends of the Institute — which provides a means of communicating findings and needs to the public and commercial sectors. Professor M A Bruton visited Israel on a South African/Israeli scientific exchange agreement to study the fishes of Lake Kinneret (the Sea of Galilee). He also attended meetings and conferences in Israel, Britain, France, Belgium and the USA. The Institute continued to collaborate closely with the University's department of Ichthyology and Fisheries Science in research and postgraduate teaching, as well as in the construction of the intensive fish culture system.



Members of the February 1983 expedition from the JLB Smith Institute of Ichthyology to the Okavango Delta, Botswana, testing the electro-fishing gear.

The Director of the **INSTITUTE OF SOCIAL AND ECONOMIC RESEARCH**, Professor J Opland, spent six weeks in the middle of the year teaching Summer School in the Department of English at Cornell University. Professor Opland's "Xhosa Oral Poetry : Aspects of a Black South African Tradition" was published by Cambridge University Press, and his anthology of Xhosa poetry prepared with Peter Mtuze, "Isigodlo sikaPhalo," was published by Maskew Miller Longman. The Stella and Paul Loewenstein Professor of Development Studies, Professor S B Bekker, spent nine months on leave at Oxford University completing his study of administration boards and community councils. With Mr C J de Wet, Professor Bekker also contributed to and edited a set of studies of the Amatola Basin in Ciskei. The Director of the International Library of African Music, Mr A T N Tracey, was one of four international experts invited to address a symposium on ethnomusicology in Lisbon. ILAM collaborated with the Department of Music in organizing the fourth annual symposium on ethnomusicology, which

culminated in a highly successful musical jamboree round the fountain in the 1820 Settlers Monument. Mr C W Manona, Research Officer, contributed to a number of Institute projects and conferences, and continued work on his doctoral study of migration from farms to towns.

The Institute's two TEBA Research Assistants, Messrs N D Sandi and DLP Yali Manisi, again participated in a number of research projects. Mr Manisi, a Thembu poet, produced four oral poems during the year. His epic poem on the war of Mlanjeni, "Imfazwe kaMlanjeni", was published by the Institute, and he completed two more epics for publication, one of Grahamstown and the other on the Ethiopian Church. The Institute's resident Honorary Fellows, Professors L A Hewson, W A Maxwell and M Roberts, continued active research. Three University Fellows, Professor R Elphick and Dr H Leroy Vail, from the USA and Mrs C Swaisland, from the UK worked at the Institute, as did two visiting scholars, Dr A Bullier, from Reunion and Mrs Swaisland's husband, Dr C Swaisland.

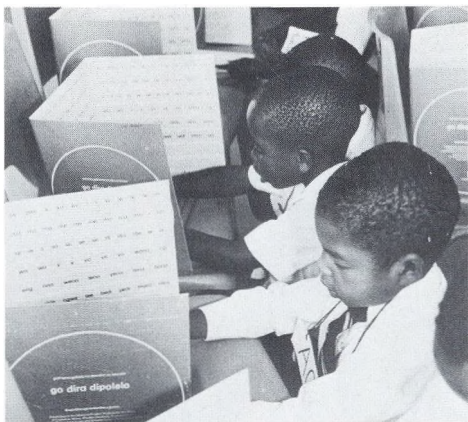
THE CENTRE FOR SOCIAL DEVELOPMENT

The activities of the Centre for Social Development as a community service centre have expanded tremendously during 1983. In the educational field, the Centre has been involved with family preparedness courses, with careers education, and with areas as diverse as dental hygiene and the 1820 Foundation Gold Shield Award Scheme, based on the Duke of Edinburgh awards. The GADRA Educational Welfare fund, administered by the Centre, raised R80,000 in 1983 and distributed 700 bursaries to scholars and students. A large sum has been made available from other sources for bursaries next year.

The Centre under its director Mrs T M Henderson, is also involved in innumerable projects aimed at upgrading child care, housing, educational health and community facilities throughout Grahamstown's townships.



Mrs T M Henderson accompanied Dr Henderson to the Rhodes Scholars Reunion at Oxford in June, which coincided with the graduation of their daughter Margaret, a Rhodes Scholar like her father. In the photograph Mrs Henderson is introduced to the Queen and Prince Philip during the reunion.



Black primary school pupils throughout southern Africa are learning to read by the "Breakthrough to Literacy" method.

INSTITUTE FOR THE STUDY OF ENGLISH IN AFRICA

Main event of the year at ISEA was the news that the National Department of Education and Training has placed the Molteno Project's Breakthrough-to-Literacy programme on its approved list for all of the approximately 10 000 Black primary schools in South Africa. The project, under its director, Professor L Lanham is already operating in Soweto, Bophuthatswana and other homelands. It aims at a one-year programme of teaching reading and writing in the mother-tongue, to establish reading skills before switching to English.

Once an area has accepted the Molteno Project, it is responsible for buying materials for its own schools, although the ISEA at Rhodes remains responsible for all teacher-training and school monitoring — a mammoth task. Mr R Collet, head of the Resources Unit at the English Language Centre in Bedford, UK, describes Rhodes's Breakthrough-to-Literacy programme as "one of the most significant, realistic and radical agencies for constructive, speedy and peaceful change in Southern Africa".

Derek S. Henderson

Dr D S Henderson
VICE-CHANCELLOR