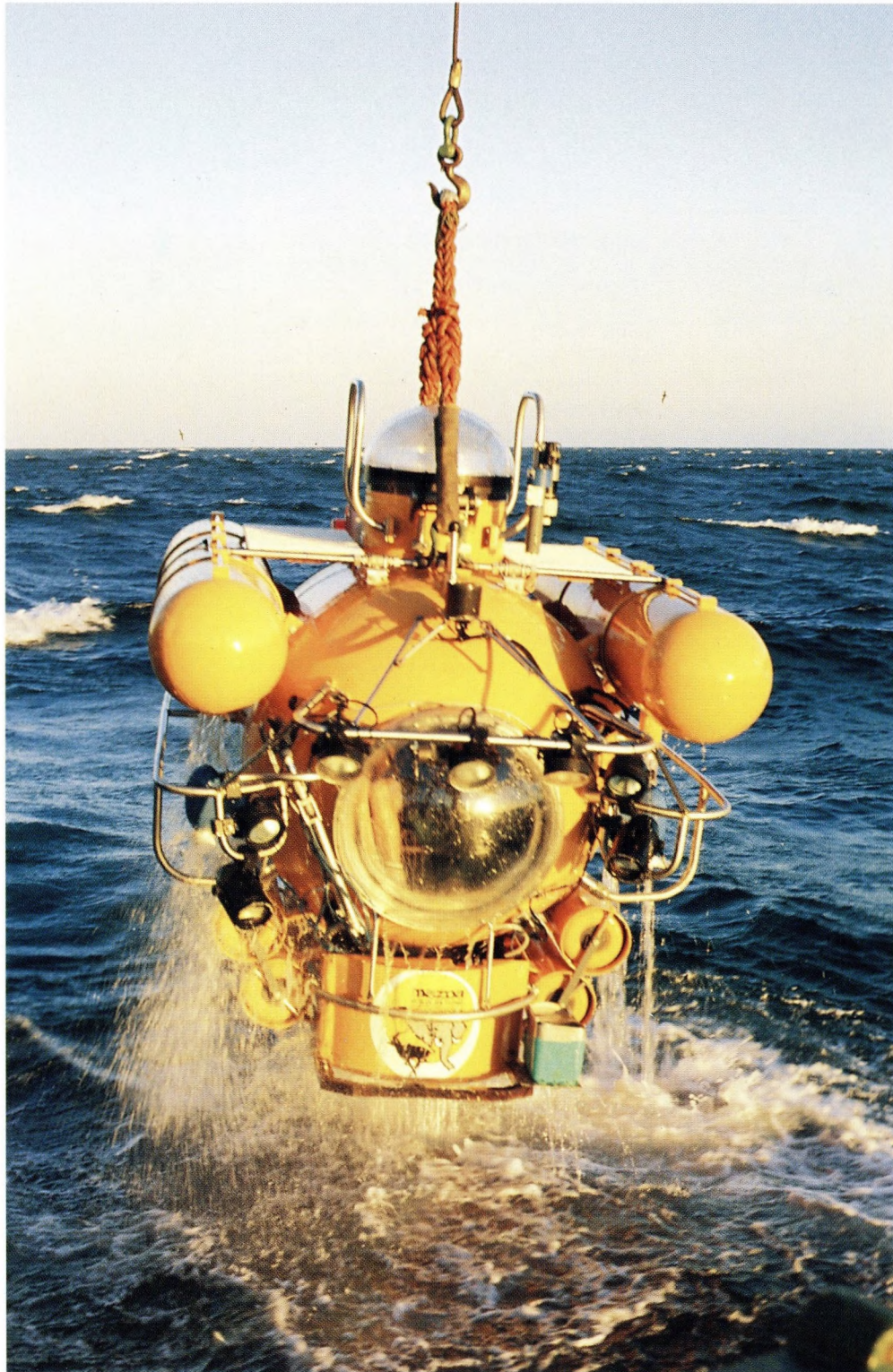




# Rhodes University

## Annual Report • 1991

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# RHODES UNIVERSITY ANNUAL REPORT 1991

## Officers of the University

**Chancellor:** Dr GWH Relly  
**Principal and Vice-Chancellor:**  
 Dr DS Henderson  
**Vice-Principal and Pro-Vice-Chancellor:**  
 Dr R van der Merwe (until April 1991).  
 Dr M Smout  
**Chairman of Council:**  
 Mr LS Dorrington  
**President of Convocation:**  
 The Hon Mr Justice TM Mullins  
**Registrar:** Dr KS Hunt

## Deans of Faculties

**Arts:** Professor MG Whisson  
**Commerce:** Professor P van der Watt  
**Divinity:** Professor BP Gaybba  
**Education:** Professor TA Marsh  
**Law:** Professor JR Harker  
**Pharmacy:** Professor B Potgieter  
**Science:** Professor ME Brown  
**Social Science:** Professor TVR Beard

## Rhodes University Foundation

### THE BOARD OF GOVERNORS

Dr JB Sutherland (Chairman)  
 Mr CR Baillie  
 Mr D Briceland  
 Mr HG Chapman  
 Dr GC de Bruin  
 Mr HP de Villiers  
 Mr LS Dorrington  
 Mr AR Evans  
 Mr AWB Gray  
 Mr HH Hall  
 Mr RD Hamilton  
 Dr DS Henderson (Vice-Chancellor)  
 Mr HS Herman  
 Dr BE Hersov  
 Mr H Kelly  
 Mr JS Levy  
 Dr I Mackenzie  
 Mr BC McCarthy  
 Mr DF Niven  
 Dr RA Plumbridge  
 Mr JM Power \*  
 Mr CHB Pringle  
 Mr BS Rayner  
 Dr GWH Relly  
 Mr DB Riley  
 Mr RB Savage  
 Mr PM StL Searle  
 Mr WS Yeowart  
 \* Deceased 10/7/91

## Rhodes University

Founded in 1904  
 Students 4197  
     Men 2163  
     Women 2034  
     Grahamstown 3807  
     East London 390  
 Academic staff 279  
 Student/Staff Ratio 15:1  
 Halls of Residence 8  
     Residences 32  
     Students in Residence 1988  
 Grounds (hectares) 203

## Staff Awards 1991

### Thomas Alty Awards:

Miss LM Burger MED  
 Dr JR Herald PhD  
 Mr CD Hobson MSc  
 Dr S Hosking PhD  
 Prof TA Marsh PhD  
 Mr EL Nel MSc  
 Miss JR Osborne MA  
 Mrs SA Robertson MED  
 Miss LN Steenveld MA  
 Dr KPT Tankard PhD  
 Dr RL Tilney PhD  
 Dr LA Todres PhD

### Vice-Chancellor's Awards:

Mr TJ Bouwer BSc(Hons)  
 Miss M M B Burnett APR Examination  
 Mr FR Skae BSc  
 Mr D Wilson BSc(Hons)

### Long Service Awards:

**25 years**  
 Mrs ERV Bowles  
 Prof MEH Dickerson  
 Mr AJ Lisher  
 Prof DAC MacLennan  
 Prof LMG Poole  
 Prof M van Wyk Smith

**15 years**  
 Mr Matthews Bacela  
 Mrs Ellen Biyana  
 Mr Matthews Buwa  
 Mrs Mavis Duruwe  
 Mr Victor Gacula  
 Mr Bobby Khuhlani  
 Mrs Shirley Hulu  
 Mr Riebeeck Kiti  
 Mr William Kofi  
 Mrs Sanna Matroos  
 Mr Galpin Mbabela  
 Mr Stanley Mbuyepi  
 Mr Wellington Ngandi  
 Mr Thimas Peter  
 Mr Patrick Phetshwa  
 Mrs Florence Planga  
 Mr Reginald Prince  
 Mr Welcome Sam  
 Mr Alfred Xashi

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Photographs by Hepburn and Jeanes and from departmental collections.

**Cover:** By Dr Colin Buxton, Senior Lecturer in the Depts. of Ichthyology and Fisheries Science, of the manned submersible, JAGO, brought to South Africa by the JLB Smith Institute of Ichthyology for a series of pioneering research dives off the South African coast.  
 Printed by: Cadar, Port Elizabeth

**The Rhodes University Annual Report is published annually by the Public Relations Division of Rhodes University, Grahamstown.**

## Research Institutes and other organizations

Academic Skills Programme  
 Albany Museum  
 Biopharmaceutics Research Institute  
 Centre for Social Development  
 Computer-based Education Unit  
 SA English Dictionary Unit  
 Hermann Ohlthaver Institute for Aeronomy  
 JLB Smith Institute of Ichthyology Library  
 LIRI Technologies  
 National English Literary Museum  
 Institute of Social and Economic Research  
 Institute for the Study of English in Africa  
 Tick Research Institute  
 Institute for Water Research

## VICE-CHANCELLOR'S REPORT



The 1990s may come to be remembered as the time of the Great Change. Judged in this light, 1991 saw several changes at Rhodes for which we have long striven.

Student quality has steadily improved over the past five years. In the period 1987 to 1991 the percentage of black students who failed all first year courses attempted dropped from 35 to 10 percent. The pass rate for the same group, in the sense of passing two or more courses rose from 46 to 74 percent. This can only be described as spectacular. The figures also correlate closely with the improved standard of our new black students. In 1987 44 percent of new black intake had an E-aggregate matric exemption. By 1991 this figure had fallen to only 18 percent.

In comparison, for the whole first year student body, the 'complete fails' fell from 15 to five percent and those passing two or more subjects rose from 73 to 87 percent.

It is encouraging to note that in this period the pass rate for all first-year students (those passing two or more courses) has improved, particularly in the Science Faculty, where it has risen from 62 percent to 81 percent; and the Arts faculty, where it has risen from 76

percent to 94 percent.

At the beginning of the year we had some problems with accommodating students in residence, in part because of the improved pass rate which meant that we had a greater number of returning students than in previous years. Due to the rising cost of living, more students are electing to remain in residence throughout their stay at Rhodes, rather than move into digs in town. The University has various plans under consideration to provide accommodation for students in the most cost-effective way possible. For example, in 1992 students will be accommodated, at a special rate, in the Grand Hotel, and a new residence for women will be built as part of Drostdy Hall.

There has been a marked increase in graduate student numbers in several academic departments, which serves to strengthen the research arm of our activities.

As our windows on the world opened wider, we have had visitors from many parts of the globe, particularly from countries previously hostile to us. Our academic and research staff have also found it considerably easier to travel overseas to attend conferences or conduct research. In 1991 we also had our first student from mainland China as a graduate student in the Department of Human Movement Studies.

During 1991 three departments acquired new heads. Associate Professor Barbara Bosch became the Head of the Department of Afrikaans & Nederlands, Professor Paul Maylam took up the task of running the Department of History, and Professor Vivian de Klerk became Head of the Department of Linguistics and English Language. Many departments are actively involved in work within the local community in their areas of expertise. The Adult Education Committee, long dormant, is working on ways to assist the educationally disadvantaged in Grahamstown. They also ran a successful series of lectures under the title 'Rhodesfest' during the National Festival of the Arts.

In September the National Union of South African Students (NUSAS) and

the South African Students' Congress (SANSKO) merged to form the South African Students Congress (SASCO) during an historic meeting at Rhodes - twenty years after Steve Biko led black students out of NUSAS during a congress at Rhodes. This was a most satisfactory conclusion to two decades of racially divided student organizations.

Sports bodies at Rhodes continue to work for unity and we hope for a single structure in 1992.

The year also saw the installation of our new Chancellor, Dr Gavin Relly, at the first of the three Graduation ceremonies in Grahamstown, during which he received an LLD degree (*honoris causa*). Honorary degrees were also conferred upon Professor Len Lanham and Dr Humphry Greenwood during the same weekend. At the East London Graduation ceremony Miss Kathy Jagoe received an honorary PhD degree.

We realize that state spending at the tertiary end of the education continuum will not be a top priority in the next few years, and that we will need to look for help elsewhere. Despite rather gloomy financial forecasts, Rhodes has had a successful year, with many of our goals realized. Pro rata to our size, our research output competes well with any in the country.

We firmly believe that we serve the community best by doing what we are commissioned to do - providing first-rate education with the best facilities we can provide. We believe that we are living up to this and will continue to strive for excellence in every area of our endeavours.

Reports on various components of the University follow, which give more detail of the many and varied activities during the year.

*Derek S. Henderson*

Derek S Henderson  
VICE-CHANCELLOR

## RHODES UNIVERSITY FOUNDATION CHAIRMAN'S REPORT

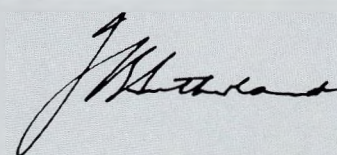
The summarized financial statements of the Foundation reflect an increase in the value of capital in the Foundation of R5 884 000. Of this sum R892 000 was received in the form of donations for specific (R287 000) and general (R605 000) purposes. The balance of the increase came about by way of net income not distributed and increase in the value of the Foundation assets. The Trustees of the Foundation are concerned that an increase of this size (15 percent) does not amount to a real increase in the value of the Foundation capital. This is caused largely by the University's demand for larger distributions of funds to make up shortfalls brought about by declining State subsidies. The Trustees are under continuing pressure to balance these two objectives namely to satisfy the University's need and to maintain the value of the capital in the Foundation.

The generosity of donors to the Foundation is acknowledged with gratitude. It is becoming increasingly difficult for corporate and individual donors to continue their level of support as the country's economic fortunes decline. However, in spite of these difficulties, the support to Rhodes University continues at a very gratifying level. The amount received from donors is not reflected as income but is accounted for by way of an increase in the Foundation's capital.

The policy of the Foundation's Investment Committee and the portfolio managers is to invest reasonably permanently in sound securities including interest bearing securities and changing these investments only as circumstances demand. The policy is at present to restrict investments in quoted equities to between 50 percent and 60 percent of the value of the portfolio. The remainder of the funds are invested in other assets including interest bearing securities which do not have a period to maturity in excess of three years.

It is with sadness that I report the death of Mr John Power who had been a Trustee of the Foundation for many years and I acknowledge his contribution to the Foundation. On

behalf of the Board I welcome Dr G C de Bruin and Mr H S Herman who joined the Board during the year under review. I wish to place on record my sincere thanks to my colleagues on the Board for their continued unselfish efforts on behalf of the Foundation and the University.



J B Sutherland  
Chairman of the Board of Governors  
Rhodes University Foundation

### SUMMARIZED INCOME STATEMENT

	R thousands	
	1990	1991
<b>INCOME FROM INVESTMENTS</b>	<b>2 820</b>	<b>4 401</b>
Dividends	851	1 135
Interest	1 959	3 256
Other	10	10
<b>Less expenses</b>	<b>233</b>	<b>320</b>
<b>NET INCOME</b>	<b>2 587</b>	<b>4 081</b>
Less: Distributed to and expended for the benefit of Rhodes University and its bursary funds	2 349	2 500
<b>Retained for re-investment</b>	<b>238</b>	<b>1 581</b>

### SUMMARIZED BALANCE SHEET (at market values)

	R thousands	
	1990	1991
<b>Fundholders' capital employed</b>		
Foundation	21 945	24 660
University and others	14 563	17 732
	<b>36 508</b>	<b>42 392</b>
<b>Employment of capital</b>		
Investments and cash	37 125	41 877
Accounts receivable	—	588
	37 125	42 465
Accounts payable	617	73
	<b>36 508</b>	<b>42 392</b>

## Income Statement: University

	R millions			
	1990	%	1991	%
<b>INCOME</b>	<b>54,6</b>	<b>100</b>	<b>61,3</b>	<b>100</b>
Government subsidies	37,3	68	39,8	65
Student fees	11,9	22	15,5	25
Investment income	3,8	7	4,4	7
Other	1,6	3	1,6	3
<b>EXPENDITURE</b>	<b>54,6</b>	<b>100</b>	<b>61,3</b>	<b>100</b>
Salaries and benefits	35,1	64	40,7	66
Academic department, research and library grants	4,6	9	5,3	9
Operating expenses – buildings grounds and equipment	4,2	8	4,6	8
Central administration	4,2	8	4,5	7
Loan interest and redemption	2,7	5	2,7	4
Other	3,8	6	3,5	6

## Income Statement: Residences

	R thousands	
	1990	1991
<b>INCOME</b>	<b>9 247</b>	<b>11 370</b>
Residence fees	8 645	10 561
Other	602	809
<b>EXPENDITURE</b>	<b>9 247</b>	<b>11 370</b>
Food	2 385	3 195
Salaries and wages	2 067	2 607
Power and water	980	1 222
Loan interest and redemption	450	445
Laundry	352	423
Replacement and maintenance provisions	2 273	2 664
Other	740	814

## Bursaries, Scholarships and Loans

**R7 069 447**

A) Awarded by the University from donations or from own funds	2 972 941
B) Awarded to students from outside bodies	3 485 348
C) Awarded by Provincial Administration, Public Services Commission, etc.	310 663
D) Loans (Rhodes Loans)	112 600
(Independent Development Trust Loans)	187 895

Readers of this report will be concerned to see from the financial statement that student fees have increased from 22 percent to 25 percent of total income in the University. Reports of previous years have drawn attention to this likelihood as the trend of continued reduction in subsidies from government increases. Government subsidies have reduced in 1991 to approximately 65 percent of total income. This reduction, together with the concern the University has for fee-paying persons, illustrates the need for very careful financial planning.

There is continuing pressure on the University to provide improved remuneration benefits for staff and this is reflected in the increased percentage of total expenditure attributable to salaries and benefits. The other cost categories have in general terms been maintained at similar percentages of total expenditure. The report reflects that subsidies do not contribute sufficiently to cover the salaries and benefits cost. The need therefore to generate own income from investments and other sources remains a priority in the financial planning. The generosity of those who contribute by way of donations, bursaries or grants is acknowledged with gratitude. The Governors of the Rhodes University Foundation deserve particular mention in this regard for the part they play in assisting with generating investment income for the University and for the grant made toward operating and other costs.

The residences, which derive no subsidy from the State are operated on a self-supporting basis. Longer term planning can be undertaken in this area (because there is no reliance on State subsidy) and the University is able to keep the rate of increase in residence fees at a lower percentage than is the case with tuition fees. The high level of maintenance and replacement costs in the residences is necessary in order to retain and maintain the fabric of the buildings and to continue to provide a comfortable living atmosphere for the students.

## FACULTY REPORTS

### FACULTY OF ARTS

Postgraduate student numbers more than doubled in the **Department of African Languages** in 1991, and a new first-year course, Xhosa Literature, was introduced. Professor Peter Mtuze, Head of Department, presented a paper in Essen, Germany, which has been accepted for publication.

Professor Barbara Bosch was appointed head of the **Department of Afrikaans en Nederlands** in July. Professor Etienne van Heerden's new novel, *Casspirs and Campari*, was published, while the Dutch and Danish translations of his award-winning *Toorberg* were well received. He also participated in the New Nation Writers Conference in December. Dr Godfrey Meintjes published several articles on the re-reading of texts. Mr Tim Huisamen organized and chaired the popular Winter School, an integral part of the National Festival of the Arts.

Staff in the **Anthropology Department** had increasing demands for consulting on such themes as: medical issues, ethnicity, migration, land reform, resettlement, urban housing, pre-school education, and problems confronting the aged.

Athol Fugard spent the second term in the **Drama Department**, directing seminars and lecturing, as well as delivering three public lectures on the process of playwriting. Mr Jay Pather and Mr Moishe Maponya, from UCT and Wits respectively, also ran workshops in the Department. Reza de Wet published *Vrystaat Trilogie* and has completed a further two full-length plays, due for performance and publication soon. Staff and students were involved in productions throughout the year, with an especially busy programme over the Festival. Michael Carlin, who graduated with first class honours in Drama, won the Abe Bailey Travel Award. Two well-known stage personalities will return to Rhodes in 1992, Gary Gordon as Head of Department and Andrew Buckland as Senior Lecturer.

With close on 500 undergraduates, the introduction of a new first-year course, the stimulus of a number of visitors, publications, and staff atten-



"Beneath the Sea" choreographed by Evadne du Preez – one of the many productions during the year.

dance at various conferences, the **English Department** had an active and interesting year. Professor Ivan Rabinowitz from UNISA paid an extended visit, and the Department also benefited from Athol Fugard's term at Rhodes. Thirteen articles were published by staff members and twelve papers delivered at conferences. Christo Doherty was appointed to the panel of judges in the Sanlam Poetry Competition. English II will be introduced in East London in 1992, where Dr Theresa Dovey has been joined by Scott Townley.

The **Fine Art Department** was well represented at the first exhibition of the year, held at the King George VI Gallery in Port Elizabeth. Noel Hodnett, a Senior Lecturer, was a national judge for the Volkskas Atelier Award Exhibition, which included several works by Rhodes students. Professor Robert Brooks was a regional and final judge for the prestigious Triennial. Joshua Nell, Dominic Thorburn and Noel Hodnett, as well as many staff, former students and students, exhibited works. Successful exhibitions during the Arts Festival and at the end of the year were well attended. Staff exhibited on many national exhibitions, and have sold works to private collections and institutions. Joshua Nell was commissioned to produce a sculpture by the University, which can be seen in

Quad II. Two students, Jeremy Franklin and Lindsay Quirk, received prizes at important exhibitions, reflecting an impressively high standard of student work. Obie Oberholzer's new book, *To Hell and Gone* has been well received by an ever-increasing public.

Two honours students in the **Department of French** were awarded scholarships by the French Embassy



Catherine Breitenbach, a French Honours student, at the Arc de Triomphe in Paris, while attending a course at the Alliance Française in July.

for a month's study in Paris at the Alliance Française. Professor Patrick Fein, Head of Department, delivered a paper at an international conference in Bristol, and was elected to the committee of the South African Society for 18th Century Studies.

The **Department of German** helped Fort Hare University to re-introduce Special German. Professor Welz's German Settlers Research Project elicited international interest after his visit to the Barossa Valley near Adelaide, Australia in July. The Barossa Valley settlers originated from the same area in Germany as the Eastern Cape German settlers, and established the wine industry in Australia.

Professor Paul Maylam took up the chair of the **Department of History** in July, and has been elected vice-president of the South African Historical Society. The staff are supervising thirteen MA and six PhD candidates. The Mfecane Aftermath Conference, which grew from ideas developed by Dr Julian Cobbing in the 1980s, was held at Wits University, where he delivered the keynote address, before proceeding to St Antony's College, Oxford, as a visiting fellow. The relevance of the study of History was emphasized by distinguished Russian Africanist, Dr Appollon Davidson, who gave warning of a coup in the USSR three days before the event, in a public lecture on Perestroika.

The Rehabilitation Research Unit and the Ergonomics Unit were inaugurated by the **Department of Human Movement Studies**. Senior postgraduate applications from Britain, mainland China and Israel show strong interest in this area, with ongoing research sponsorship from the Department of Manpower. Dr Pat Scott has been appointed editor-in-chief of Ergonomics SA. Her invited paper, delivered at an international conference in Melbourne, has helped forge useful ties with Australian colleagues. The biggest first year intake in a decade, and one of the most satisfactory pass-rates ever, demonstrate real progress.

Times Media Limited and Argus Printing and Publishing funded an

electronic newsroom with a network of 24 terminals, used to teach writing, editing, and basic computer skills in the **Department of Journalism and Media Studies**. South Africa's first completely electronic newspaper, *Cue*, was published for the fifth consecutive year. As part of its practical programme, the Department produces several Festival publications, including the 200-page Festival programme. Students also produce the unofficial yearbook, *Rhodian 91*, *Cape Coastwatch*, and several other publications. Staff members have been involved in framing a media policy document to go to CODESA, as well as pursuing research interests. The Department will host an international conference on the *Role of the Media in Building a Southern African Community* in June 1992.

Professor Vivian de Klerk took over as Head of the **Linguistics and English Language Department** and was immediately faced with a marked increase in student enrolment, and a record class of 17 Honours students. A Departmental priority is to gain recognition of Linguistics as a teaching credit in national education.

Musical concerts and improved facilities, made for an active year in the **Department of Music and Musicology**. The music library now has six listening units, and a wide selection of compact discs, as well as opera, ballet, and music videos. Improvement of the acoustics, and the enlarged raised platform in the renovated auditorium, will further promote music at Rhodes and the local community. Rhodes was the only English-language university represented at the KUESTA choir festival, and enjoyed a very successful Johannesburg tour. Professor Nowotny directed the music of three popular musicals, while jazz, chamber music, and choir concerts kept staff and students at a high performance level. It is with deep sadness that the Department mourned the passing of Mrs Jean Vetch.

Professor Ian MacDonald, Head of the Department of Philosophy, initiated a project on admissions policy for Senate, funded by the Kellogg Foundation. Professor Seumas Miller

was a visiting fellow at the University of Melbourne, and presented a number of research papers during his stay.

Professor Terence Beard, who had taught at Rhodes since 1960, and served as Head of the **Department of Political Studies** from 1967 until 1990, retired at the end of 1991. His contribution as a renowned teacher and mentor to generations of students will be sorely missed. An increasingly active research effort saw staff members presenting papers internationally and nationally, being published in *Africa Insight*, *Monitor*, and other journals. Prominent local and overseas visitors contributed to an interesting and vital seminar programme.

The inauguration of a Chair of Psychiatry in the **Department of Psychology** was a significant development. The Second National Conference on *Phenomenology and Other Hermeneutic Approaches* was convened by Professor Chris Stones. The growth trend of the postgraduate course continues, making it possible to increase entry requirements. A third year course was introduced at the East London Division.

## FACULTY OF COMMERCE

The **Department of Accounting** contributed actively to the wider community. Professor Jeff Rowlands was appointed to the national committee investigating Accounting Education in South Africa. He and four other members of the Department gave courses for both the disadvantaged and business sectors of the town.

The Management Development Programme, conducted by the **Department of Business Administration** for Nampak and Delta Motor Corporation, facilitated contact between practitioners, enriched teaching, and helped identify research problems. Mr Phillip Court (together with Mrs Sarah Radloff of Mathematical Statistics) won a prize for the best article published in *De Ratione*.

Professor Geoff Antrobus returned to Rhodes from Fort Hare, bringing a renewed focus on agricultural economics to the **Department of Economics and Economic History**. Research resources have been

improved through the acquisition of an extensive computer-based system. A generous grant from the Liberty Life Educational Foundation enabled a research fellowship to be established in honour of a former Head of Department, Desmond Hobart-Houghton.

#### FACULTY OF DIVINITY

A well-attended reunion for former students was organized by the **Department of Divinity**. Four staff members gave papers at the Winter School preceding the Arts Festival. Professor David Bosch of UNISA was the guest lecturer. Professor Pieter de Villiers attended two overseas conferences, and Dr Sandi Baai read a paper at a conference in England, while the Department was honoured by distinguished visitors from the USA, Professor J D Kingsbury and Professor Jim Roberts. Staff published extensively and attended at least eighteen international and national conferences. A successful Divinity Week was organized by the Department, with Dr Beyers Naude as guest lecturer.

#### FACULTY OF EDUCATION

The establishment of the Murray and Roberts Chair of Environmental Education in the **Department of Education** is the first of its kind in Africa. The Department continues to function at maximum capacity, with some 100 undergraduates, 60 secondary school diploma, 60 BEd, over 50 MEd, and four doctoral students.

Ms Rose Spanneberg, a lecturer in Primary Education, was awarded a bursary to study for an MEd in the United Kingdom.

Professor Ray Tunmer, former Dean of the Faculty, and Mr Ken Durham, English First-language specialist, both retired from the Department after many years of dedicated service. The year also saw the sad passing of Professor Arthur Clarke, an esteemed colleague, whose philosophical insights in particular are greatly missed.

A high proportion of community-oriented workshops and courses were conducted, including two workshops on the professional preparation of teachers held with school heads from



During the Divinity faculty reunion students of the 'forties and 'fifties gathered outside Livingstone House, together with present staff.

throughout the Eastern Cape, a national workshop on Evaluation in Environmental Education, and a training course in Environmental Education for Malawian conservationists, which was a joint project with the JLB Smith Institute of Ichthyology.

Over 35 papers and specialized addresses were presented at conferences, education workshops, and meetings all over Southern Africa.

Mr Peter Glover was appointed as Chairperson of the Science Education Project (Ciskei) Consultation Committee; Ms Sue Murray as President of the South African Applied Linguistics Association, and Ms Eureka Janse van Rensburg as Convenor of the South African Nature Foundation Education Projects Committee. Several other staff members serve on advisory boards and boards relating to their specialist interests.

A prominent visitor was Professor Dan Morton, soon to be 90, who was Professor of Education at Rhodes from 1936 to 1970.

#### FACULTY OF LAW

Former Dean and Head of the **Department of Law**, Professor Alistair Kerr, was appointed an Honorary Research Associate in the Department,

while Professor John Midgley was promoted to an Associate Professorship. Mr Brin Brody became the new Director of the Legal Aid Clinic. The Department was saddened by the sudden death of Ms Heather Kew.

Professor Ivan Schäfer and Professor Midgley have been appointed by the Minister of Justice to serve on specialist sub-committees of the South African Law Commission. Staff continued to publish research articles and case notes as prolifically as ever, and also served the University as Proctors, on disciplinary boards, and gave advice on legal problems.

Professor Schäfer spent his sabbatical leave at the University of East Anglia, Norwich. Distinguished visitors included Mr Albie Sachs, and Mr M Seligson SC, Chairman of the S A Bar Council.

#### FACULTY OF PHARMACY

Professor Ben Potgieter, Dean of the **Faculty of Pharmacy**, was re-elected President of the South African Pharmacological Society. Professor Lambe Parolis, Head of the School, was appointed to the Editorial Advisory Board of the international Journal, *Carbohydrate Research* as co-ordinating editor with the specific task

of producing a major issue on microbial poly-saccharides. Professor Izzy Kanfer was appointed to the FRD's Committee for Pharmaceutical Sciences.

Professor Bob Taylor worked in the School for three months, as Visiting Lecturer from the School of Pharmacy at Robin Gordon's Institute, Aberdeen. Dr Mike Davies-Coleman spent the year on sabbatical leave at the Scripps Institute in San Diego, working on drugs from the sea, with special reference to marine sponges.

Three of the School's students won the SAARP National Competition for their research project on prescribing errors by doctors, while two other students won first prize in another competition by the SAARP, for research into issues involving community pharmacy.

An impetus for research was the acquisition of a state-of-the-art nuclear magnetic resonance spectrometer, which is also available for use by other departments.

Aided by journalism students, the School produced a video on Pharmacy as a career.

#### FACULTY OF SCIENCE

Research played a dominant role in the **Department of Biochemistry and Microbiology**, with 25 papers being published in international journals, while staff presented papers at international congresses, and postgraduate students and staff presented numerous papers at local congresses. Postgraduate student numbers increased markedly, to 42.

Biotechnology continued to be a major area of teaching and research, with the opening of the Gold Fields Biotechnology Centre by Mr Robin Plumbridge in April; and a number of significant research grants from industry. Biotechnology research at Rhodes is principally focused on environmental biotechnology.

Dr Keith Cowan of the **Botany Department** collaborated with Mr Peter Rose of the Department of Biochemistry and Microbiology in a research project which will directly benefit the wider community, as it deals with the biotechnological treat-



Mr Clifford Nxomani, a graduate student in the Department of Biochemistry and Microbiology, performing a chromatography separation.

ment of industrial effluent to produce useful by-products. Research papers were delivered at several national conferences, and postgraduate numbers show growth.

Dr Amy Jacot Guillarmod was hon-

oured by the Department for her outstanding contribution to the study of Botany over many years.

The 31st South African Chemical Institute Convention, one of the most important conferences to have been



Rhodes hosted the 31st SA Chemical Institute Convention in June. The plenary speakers with Prof. Trevor Letcher (left) were, (from the left), Dr Anton Amann (ETH Zurich), Professor Roger Parsons FRS (Southampton University), Professor Robin Clark FRS (University College, London), Professor Les Ebdon (Plymouth Polytechnic), Professor Charles Rees FRS (Imperial College, London), Professor Richard White (Monash University, Australia) and Professor David Ollis FRS (Sheffield University).

held at Rhodes, was hosted by the **Chemistry Department**. Four hundred chemists, including four fellows of the Royal Society among the plenary speakers, attended the convention. The methane from landfill project featured on SABC's 50/50 programme, and continues to attract interest, as an Open Day held in July to demonstrate third world applications showed. Professor John Moss of UCT delivered the 1991 Barker Lecture.

Professor Pat Terry, Head of the **Department of Computer Science**, attended the 5th ISO Modula-2 computer language standardization meeting in Tübingen, Germany. He is part of a three-man team responsible for the final drafting of the standard document for this widely used computer language.

Professor Peter Clayton, Head of the Parallel Processing Group, travelled extensively in the USA, presenting papers at the *World Transputer Conference*, Stanford University, Utah State, and other North American universities.

Mr Richard Foss presented a paper at the 1st International Conference on Information Technology in Maseru, demonstrating the benefit of the networked music and performance systems developed by the Rhodes



Honours students in a Geography Information Systems class.

Computer Music Unit.

Three new SUN workstations were acquired, which will further benefit students of Computer Science.

Undergraduate student numbers increased markedly in the **Geography Department**, with a first year intake of 119, compared to 84 the previous year.

Staff members published five journal papers, two research papers, and a chapter in a book on South Africa's segregated cities.

Professor Colin Lewis did field work

in Kazakhstan and Kirgizia, and presented three papers at the Soviet Academy of Sciences Alpine Geocryology Research Station, while Dr Kate Rowntree presented papers at conferences in Nairobi and Vienna.

The establishment of a Geographic Information Systems Laboratory has led to the introduction of bursaries for Honours students in this field.

Mr F R Skae, officer-in-charge of the electron microprobe in the **Department of Geology**, received the Vice-Chancellor's Award for technical staff.

A large group of MSc and PhD students kept the newly-appointed Professor of Exploration Geology, John Moore, busy.

Professor Julian Marsh, instrumental in forming the Volcanological Studies Group of the Mineralogical Society of South Africa, organized a four-day field trip to the Barkly East area.

The **Department of Ichthyology and Fisheries Science** enjoyed a productive year, with continued postgraduate research growth.

Dr Colin Buxton was appointed chief scientist for the Tsitsikamma leg of the JAGO expeditionary adventure, results from which will benefit his comprehensive Tsitsikamma Research Project. After presenting a paper to the American Society of Ichthyologists and Herpetologists in New York, Dr Buxton visited several research institutions and delivered specialist lectures at the University of North Carolina.



Richard Foss and Anthony Wilks at the main console of the Rhodes computer music studio, while Alfredo Terzoli plays a computer-interfaced guitar at one of the networked work stations.

Mr Peter Britz has been working on the development of a formulated feed for abalone farming, and launched the coastal conservation magazine, *Cape Coastwatch*, of which he is the editor.

The Head of the Department, Professor Tom Hecht, served on the editorial boards of several international journals, as well as the S A Fisheries Advisory Committee, the Linefish Management Association and the National Aquaculture Policy Committee.

Six major projects are under way at the Port Alfred laboratory, while the experimental fish farm has been improved by the installation of a new heat exchanger and an ozone generator, allowing year-round work with warm and cold water fish, and is undoubtedly the best on the African continent.

The **Department of Mathematical Statistics** functions as a support service for research work carried out by various departments. Mrs Sarah Radloff assisted 85 people from 19 departments and institutes.

The **Department of Mathematics (Pure and Applied)** now has two East Europeans in its research team. Mr Claudiu Remsing joined the department to do his PhD in Differential Operators, having published a book in Rumania on this subject. Dr Tomasz Kubiak, from Poland, continues his valuable contribution to the research



The new Rubber Duck, belonging to the Department of Ichthyology and Fisheries Science, is used in research work in the Tsitsikamma Coastal Park.

group on fuzzy topologies. Professor Wesley Kotzé was elected President of the S A Mathematical Society.

The **Department of Physics and Electronics** was privileged to have Professor Christoph Leubner of the Institute of Theoretical Physics, Innsbruck, as a visitor for two months, lecturing on Quantum Mechanics. He also delivered a number of public lectures. Professor Eddie Baart, Mr Justin Jonas and Ms Beate Woermann attended the General Assembly of the International Astronomical Union in Buenos Aires in July, where they

presented the latest results in the Rhodes Radio Survey of the Southern Sky.

Professor Fabio Frescura presented the work of the Theoretical Physics research group, which has been published in a series of five papers and also in international journals, to the Institute for Theoretical Physics in Cape Town in May, and at UNISA in December.

One of the Department's more distinguished students, Mr David Collins, joined the graduate programme of the Physics Department of the University of Texas in Austin.

Mr Richard Grant has developed a number of microprocessor controlled devices being used in local industries. One which is causing much interest to sportsmen is his clay pigeon controller, with several in operation at clubs throughout the country.

Professor Randall Hepburn, **Head of the Department of Zoology and Entomology**, was appointed as Dean of Science. The Vice-Chancellor gave a cheese and wine party to celebrate the publication of the 1 000th scientific paper from the Department. Professor Christopher McQuaid, appointed as a professor in January, was the first recipient of the Vice-Chancellor's Research Award. Ric Bernard, appointed an Associate Professor in July, was re-elected to the



The research group on Fuzzy Set Theory in the Department of Mathematics (Pure & Applied) (standing, from the left): Mr P Lubczonek, Mr B Makamba, Dr V Murali, Mr M Burton, Mr R Harnett. (Seated): Miss P Matutu, Professor W Kotzé, Dr T Kubiak. Dr J Chadwick is also part of this group.

Council of the Zoological Society and is an associate editor of its journal. He was awarded the S A Philips Prestigious Award.

Great sadness is expressed at the tragic death of Dr Bob van Hille, who was accidentally shot, and died instantly, on December 30. Bob had been a greatly loved and respected member of the Zoology Department for over 50 years, and was actively engaged in Anthicid research until his death. He had a remarkable memory, coupled with a great sense of humour. Unfailingly kind and courteous, he will be sadly missed.

#### FACULTY OF SOCIAL SCIENCE

Professor Jan K Coetzee, **Head of the Department of Sociology and Industrial Sociology**, spent four months at the Institute of Sociology in Bratislava, Czechoslovakia, working on aspects of the social and economic transition taking place there. He visited several research institutions in Czechoslovakia, Hungary and Austria, held seminars, and will have three



Measurement of embryonic gas exchange in ostrich eggs in the Department of Zoology and entomology.

articles published in Czechoslovakian journals.

Professor Richard Haines was awarded his PhD by the University of London. The **Faculty of Social Science** had a productive year in terms of pub-

lication, seminar and conference activities; three contributions to books, five publications in research journals and three book reviews. Eleven research papers were presented at local conferences, and two at seminars abroad.

## RESEARCH GRANTS

The number of Rhodes scientists (natural and mathematical) successfully rated by the Foundation of Research and Development (FRD) is 35 out of a full-time science staff of 88. This gives a ratio of 39.8 percent, which is one of the highest in the country where the university average is 20 percent. FRD grants for self-initiated research received by these 35 scientists amounted to R963 122 in 1991.

Apart from this sum, numerous research projects were supported by outside sources through contracts or specific applied research projects which enhance and are integrated in the academic work of both staff and students.

Amounts of the following order were received:

Amount in Rands		
FRD grants	963 122	S and P Loewenstein Trust
FRD special programmes	215 000	Kellogg Foundation
HSRC/CSD	93 500	Standard Bank
From the listed donors:	3 250 000	First National Bank
Total: R4 521 622		S A Breweries
Anglo American and De Beers		Human Resources Trust
Chairman's Fund		Shell
Department of Agricultural		World Universities Services
Development		Sasol
Department of Environmental Affairs		Sea Plant Products
Water Research Commission		Pineapple Growers' Association
		Langeberg Co-op
		B P (SA)
		Bandag
		Lenons
		Mohair Board
		Meat Board
		D G Murray Trust
		Farmers' Association
		Gallo Africa
		Beka Trust
		AE&CI
		I&J
		S A Nature Foundation

This total amount does not include the substantial external funds received by the Institute for the Study of English in Africa (ISEA) for the Molteno Project, the Institute of Social and Economic Research (ISER), the Dictionary Unit, or any other associated research institutes. Nor are *ad hoc* grants to staff for overseas travel from FRD, HSRC, Anglo American and De Beers Chairman's Fund or the Water Research Commission included.

## RESEARCH INSTITUTES AND OTHER ORGANIZATIONS

The **Academic Skills Programme** organized the *Southern Action Group for Tertiary Education* conference, regional workshops under the auspices of SAAAD in Bisho and East London, various other workshops, seminars, and modules involving the community, as well as convening the *American Studies in South Africa Symposium* in December, which was attended by William Lacy Swing, the American Ambassador. Twenty-six ASP tutors were active in various University departments, while the Ikhonco project, the newly initiated GRATEP, and the Rhodes-Kingswood Science Bridging year, all helped to bridge the gap between matric and university study.

The **Adult Education Co-ordinator** has begun research and liaison, piloting community courses in conjunction with NEHAWU, the staff trade union, and *Rhodesfest* is being organized for the National Arts Festival's Fringe programme in July.

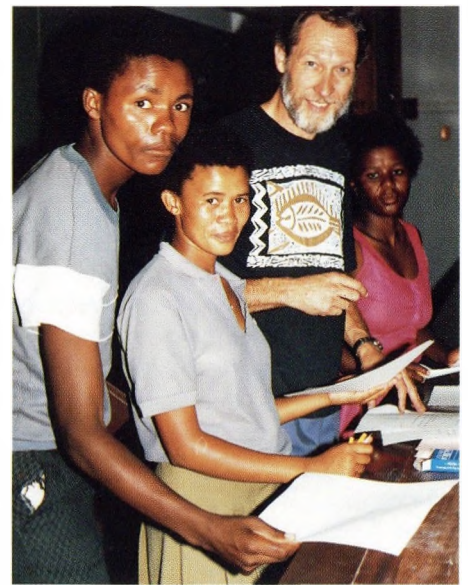
In keeping with the **Albany Museum's** policy of housing historical and cultural material of all Eastern Cape peoples under one roof, the

Xhosa dress exhibit, collected by Felix Schonland in the Aylesbury district in the 1930s, was dismantled and moved to the 1820 Settlers Memorial Museum. The role of the museum as an educational resource centre is emphasized by the three-week programme given by the Education Department to BPrimEd IV students. Careers Day coincided with International Museum's Day on May 18, and two thousand people went behind-the-scenes at an Open Day. The Museum's Festival art exhibition, *Pictures as History*, interested many by questioning the imaging of the past.

Dr Ferdie de Moor's research won him an FRD special merit award. Mr Jim Cambray, Curator of Fishes, formed part of a consultancy team working on the Lesotho Highlands Development Project.

The **Biopharmaceutics Research Institute** completed eight 24-man comparative Bioavailability/Bioequivalence studies, and won the prize for the best publication in an international journal (Pharmaceutical Chemistry Section) in 1990. The Director, Professor Izzy Kanfer, and Dr Chris Stubbs, Senior Research Officer, received their prize at the annual meeting of the Academy of Pharmaceutical Sciences in Potchefstroom.

The **Centre for Social Development** offered nine subjects at the Saturday School for Black Matriculants. A second Rural Co-ordinator was appointed



Geography students at the Centre for Social Development's Saturday School with Mr Wouter Holleman, of the Albany Museum.

who established a further ten schools, extending the Farm Pre-school Programme into the Alexandria District. Mrs Anna Woolf and the Director, Mrs Thelma Henderson, presented a paper on the programme at the South African Association of University Women National Conference in Cape Town.

The Raglan Road Child Care Centre, opened officially on May 11, caters for 90 local children, and has fenced, grassy sportsfields. Mr Steve Olivier of the Rhodes Sports Union ran a training course for teachers.

Professor Jeff Rowlands ran a successful Basic Bookkeeping Course for



The Curator of Fishes at the Albany Museum, Jim Cambray, surveying the Tsolota River in Lesotho for fish species using a backpack electrofisher. This is part of a consultancy undertaken by the Ichthyology Department of the Museum.



Five serious little shepherds at the Raglan Road Child Care Centre Nativity play.

members of the local community, and the Commercial Centre achieved good results from the Pitman Institute. The Bursaries Department of the CSD awarded 700 grants totalling R430 000 to disadvantaged students mainly resident in Grahamstown.

A great need in the community for basic computer literacy courses is being addressed by the **Computer-based Education Unit**. Apart from presenting courses to Gold Shield Award students and the Grahamstown Tertiary Education Bridging Project, Rhodes service staff also attended courses.

The CALnet system has been fully implemented, with many departments using new lessons developed in co-operation with the CBE. Students appreciate the faster screen plotting and high colour displays.

The **Dictionary of South African English**, after several years of negotiation, was registered as an association not for gain, and retains its link with the University as an associated institute. Community involvement resulted from a competition run by the DSAE and Radio South Africa, as well as participation in the National Arts Festival. Internationally, friendly relations with

the *Oxford English Dictionary* and the *Australian National Dictionary* exist, and are fostered by direct Email links. The *Dictionary of South African English on Historical Principles* was accepted for publication in 1994 by Oxford University Press.

Although the **Hermann Ohlthaver Institute for Aeronomy** has withdrawn from South African Antarctic expeditions, HOIA's Antarctic research, relating to the interaction of the earth's magnetic field with the ionosphere, and the effects of particle participation, continues through links with the Space Research Institute, the Magnetic Observatory, and the British Antarctic Survey.

The highlight of the year for the **JLB Smith Institute of Ichthyology** was the pioneering series of deepsea dives in a manned submersible off the south-east coast of South Africa. The JAGO expedition assessed the effectiveness of the Tsitsikamma National Park as a conservation measure, and searched for the coelacanth off East London, diving at depths of up to five times those previously scientifically explored. Considerable new data and specimens were collected on previously undocumented undersea communities. Much

public interest has led to plans to build a research submersible in South Africa.

Two books were published, five Malawian technical assistants took part in a three-month training programme, a major research project funded by the World Wildlife Fund was completed, and collaborative research with Chile was initiated.

FISHLIT, the computerized information service, is now run inhouse, thanks to a large donation from the Anglo American Chairman's Fund used to buy a 386 computer, and is available online to users in South Africa and abroad.

The circulation of books was transferred to the **Library's** URICA integrated computer system in the third term. The system has proved flexible enough to please all users, and a greater degree of efficiency has ensued. Two especially important collections were deposited in the Cory Library, when *The Star* deposited archival copies of the paper for the years 1899 to 1991, and Gold Fields of South Africa added to the deposit of their archives, filling the gap between 1930 and 1970.

After some 29 years of service with **LIRI Technologies**, Professor Des Cooper retired in February, and was succeeded as Director by Professor Ron Amey, who had completed a four year stint as Director of the TSB Group Management College in the UK.

The Environmental Services Division, together with the Department of Microbiology, developed to the pre-production stage a project which harvests algae from saline tanning effluent to produce high value fishfood. Another, concerned with an aerobic biological treatment process for tannery wastewater, has been approved by the Water Research Commission. Locally, Rini nightsoil sludges can be composted with domestic refuse, thereby converting an environmental and social problem into a positive contribution to the ecosystem.

Determining the routes taken up Buffelskop by the stonemason and burial party prior to the re-interment of Olive Schreiner was only one of many projects undertaken by the **National**



A colourful underwater scene photographed from the submersible JAGO in the Tsitsikamma National Park during dives organized by the JLB Smith Institute of Ichthyology.

**English Literary Museum.** Five new publications have been made available, one of which, *Athol Fugard: English Olympiad Resource Guide 1992*, is the first in a new series of resource guides aimed at assisting English Olympiad pupils.

The long-awaited and meticulously researched book by JVL Rennie, *The Scottish Settler Party of 1820*, appeared in July, and proved a great success.

Two bibliographies, compiled by John Read, were published during the year, with presentation copies given to Athol Fugard and Professor Guy Butler.

A *Select Index to South African Literature in English*, the first in a series to be published each year, came out in mid-year. The Index makes available to the broader public a listing of all published and catalogued material at NELM, as well as being a supplementary source to other reference works.

The first Director of the Museum, Professor Andre de Villiers, retired at the end of May. Together with Professor Guy Butler, Professor de Villiers was a co-founder of the ISEA's

Thomas Pringle Collection, which evolved into the present day NELM.

The **Institute of Social and Economic Research**, and its constituent units: **Development Studies**, **International Studies**, and the **International Library of African Music**, had a busy year with a variety of new and ongoing research projects, a revitalized publications programme, and a stream of visitors from all parts of the globe.

The Institute's first number of the *Journal of Contemporary African Studies*, previously published by the Africa Institute of SA, was published, as was Vol 7 No 1 of *African Music*, edited by ILAM Director Andrew Tracey.

The tenth Annual Ethnomusicology Symposium was hosted by ILAM in October, and a well attended conference on *Political Transition and Economic Development in the Transkei* was hosted by the ISER in East London, as well as a number of workshops and seminars.

The St Peter's complex has been renovated to house the **Institute for the Study of English in Africa**, the **Molteno Project**, and the **Dictionary of South African English**. Expansion of

the Molteno Project was made possible by a R6,9 million grant from the Independent Development Trust to expand the project into new areas. Response to the Pilot editions of the School's Shakespeare Series developed by the ISEA has been favourable, and commercial publication is expected in 1992.

The **Tick Research Unit** began research to find the species of tick responsible for transmitting Lyme disease, a disease of both humans and animals occurring mainly in Europe and North America, but also found in South Africa. Research continues into tick and disease resistant cattle, and a possible biliary fever vaccine.



One focus of attention for the Tick Research Unit.



Professor Emeritus Guy Butler receiving a copy of the fifth in NELM's bibliographic series, "Guy Butler: A Bibliography" from John Read. Jean Butler, as ever, is at Guy's side.

The **Institute for Water Research** was formed in July, when the Hydrological Research Unit and the Institute for Fresh Water Studies amalgamated in a more integrated research environment to contribute knowledge and promote the wise use of natural water resources in southern Africa.

## EAST LONDON DIVISION

**T**he East London Division celebrated its tenth anniversary at a dinner hosted by the Chancellor, Dr Gavin Relly, in May. Rhodes University is firmly established in East London, and significant growth in the number of BA and BEd students has brought the total student numbers to close on 400.

The distinction of having the best final year BCom student at the University again belonged to the East London Division.

The new Director, Mr Stephen Fourie, took up office in June.

The **Institute for Social and Individual Development in Africa** continues to initiate social action research projects in the Border region, with specific emphasis on the development of non-formal educational structures and processes. The Director of ISIDA, Professor Ken Dovey, read a paper at a conference in Sydney, and also delivered lectures at the Australian Catholic University in



Participants on a strategic planning skills course of the ISIDA Industrial Leadership Development Programme.

Sydney.

Sporting highlights kept the East London Division in the public eye. Sports Officer, Mr Peter Kirsten, was chosen to represent South Africa on the cricket tour to India, and was named Man of the Match for the third test. Sporting interest has surged, with the first Rhodes East London Sportsman and Sportswoman of the Year Dinner being held. The President of

the National Olympic and Sports Council, Mr Mluleki George, who is also a student in the Division, spoke at the dinner.

The annual SAU Waveski Tournament was hosted in East London. The hockey team attended their first SAU tournament in July, the basketball team won their league, and two cricket teams were active in the Border leagues.



Dr Kathy Jagoe, Honorary Graduate, pictured with members of her family at the Garden Party after the East London graduation ceremony.

## STUDENT AFFAIRS

### Students' Representative Council

The formation in September at Rhodes of a united non-racial national student organization, the South African Students' Congress (SASCO), reflected new student unity in a changing political reality. Student participation in all **Students' Representative Council** projects grew, and percentage polls were high in the SRC elections and Campus Referendum.

Greater student amenities, more parking on campus, a permanent timetable, a June swot week, and a review of the University's policy on public holidays, were issues receiving much student attention. The Campus Leadership Forum met regularly, discussing many varied issues, including the residence food quality at Rhodes.

A ten-seater minibus has been acquired by the SRC, its first vehicle. Other new benefits include a resource and computer centre with improved media facilities. Popular entertainment, like film festivals and parties, ensured that the SRC catered for all student needs.

The Group for Environmental Action at Rhodes (GEAR) was established as a sub-committee of the SRC, and sexual harassment and AIDS awareness campaigns were well supported.

### Sports Council

Sport at Rhodes has enjoyed a considerably more successful year, both in terms of achievements on the field of play, as well as participation in initiatives towards normalization of sport in this country.

The Council's Special Grant to Sport benefited sports development significantly, borne out by team and individual performances, and 70 provincial representatives. National senior levels were achieved by Andrew MacLachlan, John Stapleton, and Nick Leck, selected for the Trident rowing squad; Bronwyn Viljoen for the national volleyball squad, Quanita Rustin for the SAVCON national volleyball side, and Greg Ferrans for the national hockey squad.

The Rowing Club won both the Universities Regatta and the IGI Boat



Rhodes Women's first hockey team on their way to a win against the University of Port Elizabeth.

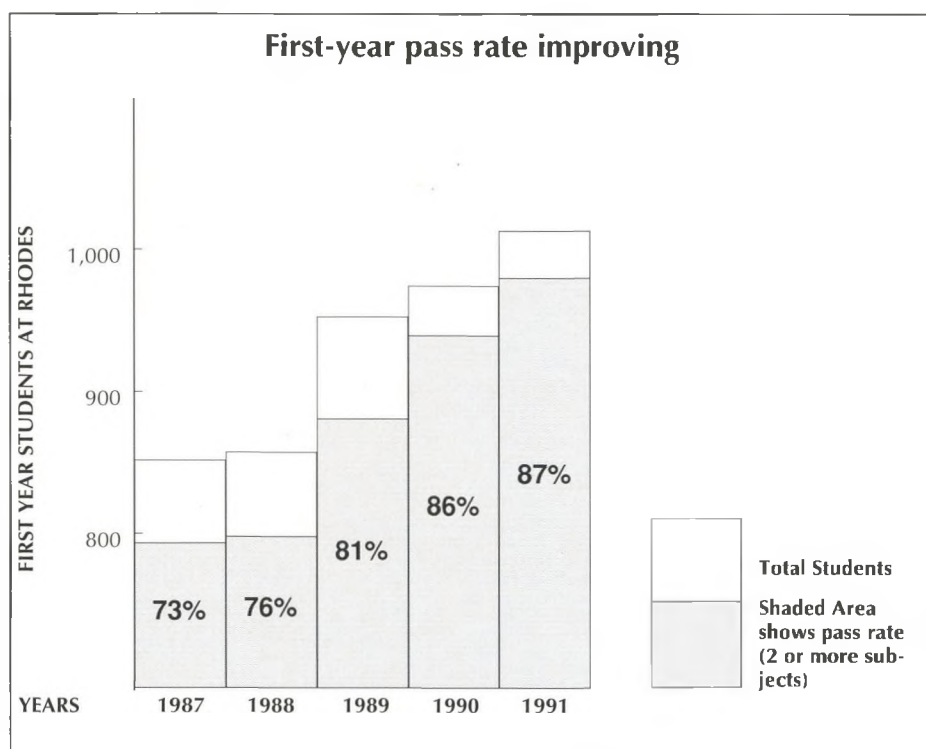
Race to establish themselves as the top rowing club in the country. National developments have been mirrored on campus, where a number of sports which used to have separate black organizations have unified, or are in the process of unifying, leading to understanding between various groups. It is hoped to produce a single, unified structure controlling campus sport in 1992.

The South African Tertiary Institution's Sports Union (SATISU) National Games were hosted by the University in September, with some 800 students participating.

With Mr Peter Glover as Chairman, the Sports Council enjoyed a relatively problem-free year.

### The Sanatorium

Student and Staff health needs were met on campus by the **Sanatorium** staff, working in a co-operative, friendly and efficient manner. Informative pamphlets have been widely circulated in three languages, educating many on issues such as: AIDS, preventative health care, TB and gastro-enteritis. Increased use of the Sanatorium facilities by service staff has necessitated the institution of service fees.



## COMPOSITION OF STUDENT BODY

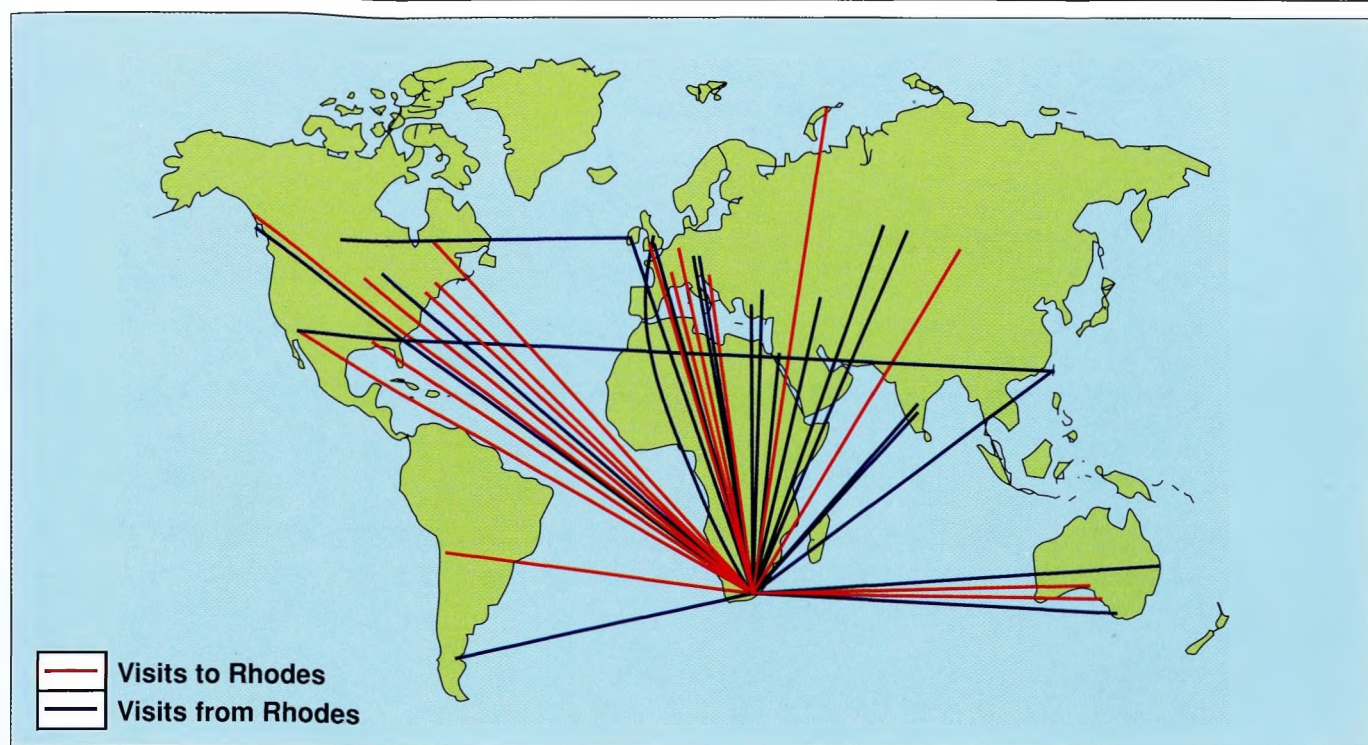
### Student Numbers 1991

	Arts	Commerce	Divinity	Education	Law	Pharmacy	Science	Social Science	Occasional	Total
<b>Undergraduates</b>										
1990	1152	768	38	65	6	203	391	278	100	3001
1991	1230	857	44	114	3	209	421	289	85	3252
<b>Graduates</b>										
1990	297	50	35	220	89	12	213	46		962
1991	330	53	35	159	93	14	234	27		945
<b>Total</b>										
1990	1449	818	73	285	95	215	604	324	100	3963
1991	1560	910	79	273	96	223	655	316	85	4197

### Graduation April 1992

As this report is printed before graduation, there may be changes to the April 1992 awards. Final figures will appear in next year's report.

	Arts	Commerce	Divinity	Education	Law	Pharmacy	Science	Social Science	Total
<b>Undergraduate diplomas &amp; certificates</b>									
1991	4	-	1	10	-	-	-	-	15
1992	3	-	1	36	-	-	-	-	40
<b>Bachelors' degrees</b>									
1991	249	144	5	15	3	27	77	36	556
1992	260	149	4	8	-	21	84	69	595
<b>Postgraduate diplomas &amp; certificates</b>									
1991	21	22	-	52	-	-	-	2	97
1992	21	20	-	37	-	-	-	-	78
<b>Second degrees</b>									
1991	80	11	7	29	33	-	56	27	243
1992	105	12	7	-	27	-	59	11	221
<b>Masters' degrees</b>									
1991	29	1	11	-	-	-	21	1	63
1992	8	2	-	3	-	2	10	2	27
<b>Doctorates</b>									
1991	6	1	-	1	-	1	8	2	19
1992	1	-	-	1	-	1	6	-	9
<b>Total diplomas and certificates</b>									
1991	25	22	1	62	-	-	-	2	112
1992	24	20	1	73	-	-	-	-	118
<b>Total degrees</b>									
1991	364	156	13	56	36	28	162	67	882
1992	374	163	11	12	27	24	159	82	852
<b>Total awards</b>									
1991	389	178	14	118	36	28	162	59	994
1992	398	183	12	85	27	24	159	82	970



## ACADEMIC VISITS

The process of academic isolation, experienced until early 1990, has been reversed, with an increasing number of academic visitors, collaborative research projects, attendance at international conferences, and ongoing academic contact with overseas colleagues and institutions taking place worldwide. The vital process of engagement and exchange can only encourage the University's growth and academic development.

### VISITS FROM RHODES

Department	Name	Destination
African Languages	Prof Peter Mtuze	Essen, Germany
Anthropology	Dr Chris de Wet	Charleston, Gainesville
Biochemistry & Microbiology	Prof John Duncan	Greece and Portugal
	Prof Ralph Kirby	N. Ireland and USA
	Prof Don Hendry	Taiwan and USA
	Prof Chris Whitely	Britain and Belgium
	Mr Peter Phillipson	Madagascar
Botany		
Business		
Administration	Prof Gavin Staude	Durham U, UK
Computer Science	Prof Pat Terry	Tubingen, Germany
	Prof Peter Clayton	Utah State U, and USA
	Mr Richard Foss	Maseru
	Mr George Wells	Harare, Zimbabwe
Divinity	Prof Pieter de Villiers	Bielefeld, Germany and USA
	Dr Sandi Baai	England
	Prof Felicity Edwards	India
Education	Ms Rose Spanneberg	England
English	Mr Gareth Cornwall	Essen, Germany
	Dr Ron Hall	Vancouver, Canada
French	Prof John Gouws	San Francisco, USA
	Prof Patrick Fein	Bristol, UK
	Catherine Breitenbach,	
	Lucy Wilmot	Alliance Française, Paris
Geography	Prof Colin Lewis	USSR
	Dr Kate Rowntree	Kenya and Austria
	Ms Claudia Reintges	Miami, USA and UK
Geology	Prof Roger Jacob	Brazil
	Prof Norton Hillier	Australia and Scotland
	Dr Bernd Teigler	Perth, Australia
German	Professor Dieter Welz	Germany and Australia
History	Prof Chris Hummel	England and Germany
	Dr Julian Cobbin	Oxford University, UK
Human Movement Stud.	Dr Pat Scott	Melbourne, Australia
Ichthyology	Dr Colin Buxton	USA
	Prof Tom Hecht	Ghent, Belgium
Law	Prof Ivan Schafer	Norwich, UK
Linguistics	Prof Vivian de Klerk	Essen, Germany
	Dr David Gough	Essen, Germany
Mathematics	Prof Wesley Kotze	Czechoslovakia
Pharmacy	Dr Mike Davies-Coleman	San Diego, USA
Philosophy	Prof Seumas Miller	Melbourne, Australia
Physics	Prof Eddie Baart	Buenos Aires, Argentina
Political Studies	Prof Roger Southall	Vancouver, Canada
Psychology	Dr Roger Brooke	Dallas, Texas, USA
	Prof Chris Stones	Jerusalem, Israel
	Prof Jan K Coetzee	Czechoslovakia and Austria
Sociology	Prof Chris McQuaid	UK
Zoology	Dr Steve Compton	Malawi
	Dr Adrian Craig	UK, Germany and Malawi
ASP	Prof George Carter	USA and Canada
ISIDA	Prof Ken Dovey	Sydney, Australia

### VISITS TO RHODES

Department	Name	From
Accounting	Prof Peter Cunningham	Bishops U, Canada
	Jane Disborough	Canterbury, UK
Afrikaans en Nederlands	Prof Vernon February	Leiden, The Netherlands
	Breyten Breytenbach	Paris
Botany	Dr Sigrid Liede	Miss. Bot. Garden, USA
Chemistry	Prof Rubin Battino	Wright State U, USA
	Prof Anton Amann	ETH Zurich, Switzerland
	Prof Roger Parsons FRS	U of Southampton, UK
	Prof Les Ebdon FRS	Plymouth Polytech
	Prof Robin Clark FRS	U of London
	Prof Charles Rees FRS	Imperial College, London
	Prof Richard White	Monash U, Australia
	Prof David Ollis FRS	U of Sheffield, UK
Computer Science	Prof Jim Peters	Simon Fraser U, Canada
	Prof Paul de Maine	U of Alabama, USA
Divinity	Prof J D Kingsbury	Union Theol. Sem., USA
	Prof Jim Roberts	Princeton, USA
Economics	Prof John Sender	U of London, UK
Education	Dr E Fennema	U of Wisconsin, USA
	Dr G Wain	Leeds University, UK
	Dr P-M van Hiele	The Netherlands
English	Dr Mary Harvie	Sydney U, Australia
	Prof James Sambrook	Southampton U, UK
	Prof Sir Frank Kermode	Oxford U, UK
Geography	Prof K Donner	Helsinki U, Finland
	Prof J Deetz	Berkeley, USA
Geology	Prof Bob Mason	Queens U, Canada
	Dr John Wadsworth	Manchester U, UK
	Prof Allan Rice	U of Colorado, USA
	Dr R Elias	U of Liverpool, UK
History	Prof Apollon Davidson	USSR
Pharmacy	Prof Bob Taylor	Aberdeen, Scotland
Physics	Prof Christoph Leubner	Innsbruck, Switzerland
Political Studies	Mr Hillel Tickin	Glasgow U, Scotland
	Prof Timothy Shaw	Dalhousie U, Canada
Psychology	Prof Bep Mook	U of Ottawa, Canada
	Dr Patrick Heaven	Charles Stuart U, Australia
	Leonard Bloom	University of London, UK
Zoology	Dr Bradford Hawkins	Ascol, UK
	Dr M W Service	Liverpool, UK
	Prof John Goldsmid	U of Tasmania
JLB Smith Institute	Dr German Pequeno	Chile
ILAM	Dr Gerhard Kubik	Austria
ISU	Dr J Leo Celkin	Colorado State U, USA
	Prof Richard L Merritt	U of Illinois, USA
	Mr Robert Mattes	U of Illinois, USA
	Prof Anthony Hopkins	U of Geneva, Switzerland
ISEA	Dr Horst Zander	Munich, Germany

